8/28/00 WP1 C.O. Backfilled 11:30

INDEXED

PERMIT

SEWAGE DISPOSAL SYSTEM

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

P 513594
A 58993-FF

ISSUE DATE 5-18-2000

APPROVAL DATE 8/28/00

01-362659

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL x ALTER ____

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Cattail Ridge LOT NUMBER 33 ~~3334~~ ADDRESS 15013 Rolling Hills Drive

PROPERTY OWNER ~~Goodier Builders~~ RICHARD REES PROPERTY OWNER'S ADDRESS 10705 Charter Drive, St. 320 Columbia, MD 21044

SEPTIC TANK CAPACITY 1250 GALLONS

PUMP CHAMBER CAPACITY NA GALLONS

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 1180

TRENCHES: Trenches to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. 4 feet of stone below distribution box.

LOCATION: Starting at the left rear lot corner, place the distribution box 235 feet up the left lot line and 45 feet off thissame lot line. Run trenches on contour to left side of lot. 4/27/00 OK AM

PLANS APPROVED Mark E. Rifkin DATE 3-24-00

PERMIT VOID AFTER 2 YEARS

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

BUILDING PERMIT SIGNED AND RETURNED 1/2/2003 B00139843 FINISH BASEMENT

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

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

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

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

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

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

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

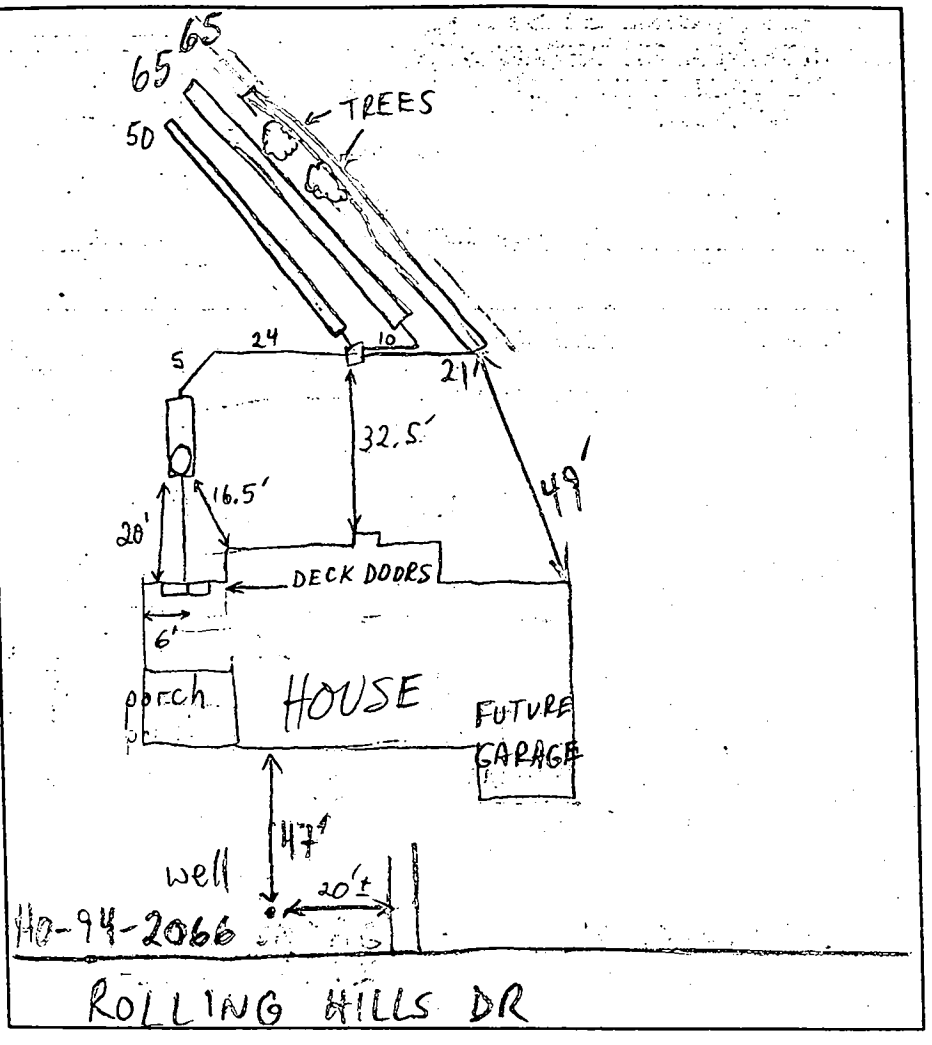
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

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

A58993-FF

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 2

TRENCH INLET DEPTH 3.5

TRENCH BOTTOM DEPTH 7.5

DEPTH OF STONE 4

NUMBER OF TRENCHES 3

TOTAL TRENCH LENGTH 180

ABSORBENT AREA 720

DISTRIBUTION BOX LEVEL OK

BAFFLE IN DISTRIBUTION BOX ✓

SEPTIC TANK DATA

SEPTIC TANK 1500 T.S. GALLONS

MANHOLE RISER ✓

6 INCH INSPECTION PORT —

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS —

MANHOLE RISER —

ALARM —

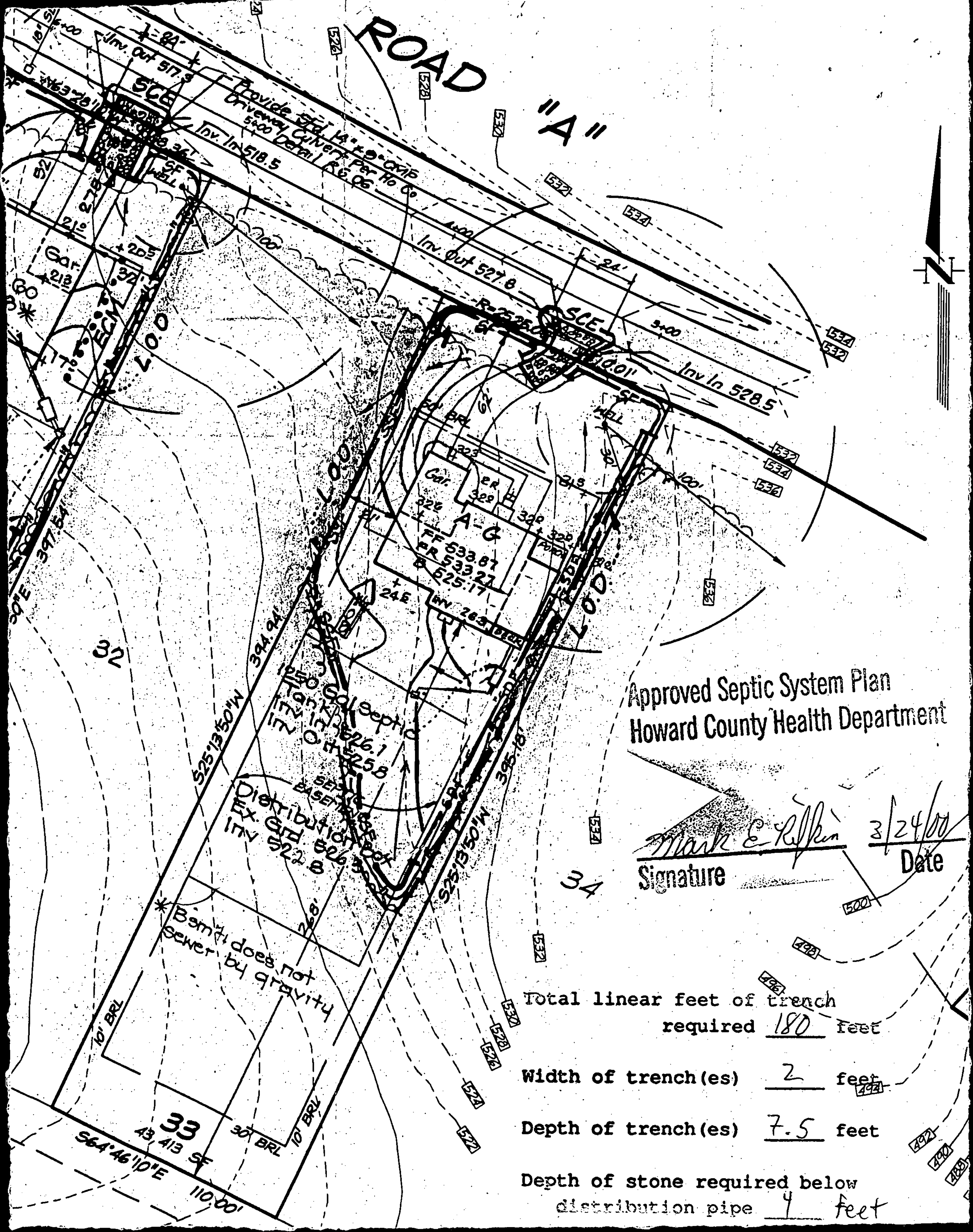
PUMP PERFORMANCE TEST —

PRE-CONSTRUCTION INSPECTION: _____

INSPECTION COMMENTS: 8/25/00 OK TO COVER HOUSE TO BOX, 1st TRENCH, CONTINUE (MR)

8/28/00 OK TO COVER ALL (MR)

INSPECTOR M. Rifkin DATE SYSTEM APPROVED 8/28/00



Approved Septic System Plan
Howard County Health Department

Mark E. Rifkin 3/24/00

Signature Date

Total linear feet of trench required 180 feet

Width of trench(es) 2 feet

Depth of trench(es) 7.5 feet

Depth of stone required below distribution pipe 4 feet

Building address changed to: 15013 Rolling Hills Drive

Permits Rot 1 Block 3

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1810
AUTOMATED INFORMATION (410) 313-3900

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00122736

Building Address 3430 [illegible]
Glenwood MD 21738
Suite/Apt. #: — SDP/WP/Petition #: SP 99-208
Census Tract 6040 Subdivision Cattail Ridge
Section — Area — Lot 33
Tax Map 21 Parcel 228 Grid 3
Zoning RC-DEO Map Coordinates 4A8 Lot size

Property Owner's Name Gordier Builders
Address 10705 Charter Dr. St 320
City Columbia State Md Zip Code 21044
Home Phone Work Phone 410 997-7400
Applicant's Name & Mailing Address, (if other than stated hereon):
BPS Inc - Pat Cela
2600 Parallel Rd
Abingdon Md 21009
Phone 410-515-1717 Fax 410-515-2213

Existing Use Vacant Lot
Proposed Use SFD Sales Model
Estimated Construction Cost $ 100,000
Description of Work Bsmt "HG" House as Sales Model

Contractor Company Owner
Contact Person Steve Ageler
Address
City State Zip Code
License No.
Phone Fax

Occupant or Tenant
Contact Name
Address
City State Zip Code
Phone Fax

Engineer or Architect Company
Contact Person
Address
City State Zip Code
Phone Fax

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics

Height:
No. of stories:
Gross area, sq. ft. per floor:
Use group:
Construction type:
___ Reinforced Concrete
___ Structural Steel
___ Masonry
___ Wood Frame
___ State Certified Modular

Utilities

Water Supply: ___ Public ___ Private
Sewage Disposal: ___ Public ___ Private
Electric Yes ☐ No ☐
Gas Yes ☐ No ☐
Heating System: Electric ☐ Oil ☐ Natural Gas ☐ Propane Gas ☐
Sprinkler system: N/A ☐
___ Full
___ Partial
___ Other Suppression
___ # of Heads

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐
Depth Width
1st floor:
2nd floor:
Basement:
Finished Basement ☒ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms 4
Multi-family dwellings:
No. of efficiency units:
No. of 1 BR units:
No. of 2 BR units:
No. of 3 BR units:
Other Structure:
Dimensions:
Footings:
Roof:
___ State Certified Modular
___ Manufactured Home

Utilities

Water Supply: ___ Public ✓ Private
Sewage Disposal: ___ Public ✓ Private
Electric Yes ☒ No ☐
Gas Yes ☒ No ☐
Heating System: Electric ☐ Oil ☐ Natural Gas ☒ Propane Gas ☐
Sprinkler system: N/A ☐
___ 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 THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

[signature] Applicant's Signature — BPS Inc Pat Cela Print Name
Agent Title/Company — 3-9-00 Date

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

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	3/24/00	Mark E. Riffle
Fire Protection		

Is Sediment Control approval required prior to issuance? YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? YES ☐ NO ☐
Is Entrance Permit required? YES ☐ NO ☐
Historic District? YES ☐ NO ☐
Lot Coverage for NewTown Zone
SDP/Red-line approval date Accepted by:

PROPERTY ID#: 413228
Filing fee $
Permit fee $
Excise tax $
Sub-total paid $
Add'l permit fee $
TOTAL FEES $
Balance due $
Check # [illegible]
Validation # [illegible]

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

a:\permit.frm Rev. 10/15/98

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: Willoughby Plumbing Telephone #: 410-781-7051
Address: 2203 Patuck Dr
Sykesville, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Chris Willoughby License# #6992
*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: Goodier Builders Telephone #: 410-997-7405
Subdivision: Cattail Ridge Lot #: 53 Well Tag #: HO-94-2066
Site Address: 5013 Rolling Hills
Glenwood, MD 21738

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: Jacuzzi	Make: Harvard	Two piece watertight cap: ✓
Model #:	Model#:	Screened, vented well cap: ✓
Pump Capacity ____ GPM	Depth: 48" (36" min)	Cap secured to casing: ✓
Well Yield: 6 GPM	NSF approved:	Conduit min 18" B.G.: ✓
Depth of well encountered at time of pump installation: 200 (feet)		Conduit secured to well cap: ✓

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required – Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt ✓

Piping to house	House Connection
Type: Polyline	PVC sleeved to undisturbed soil at wall penetration: ✓
PSI: 160 (160 psi min)	Approximate length of sleeve: 6
Depth of supply line: ✓ (36" min)	Sleeve caulked and sealed properly: ✓

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.

Chris Willoughby 8/28/00
Signature of company representative responsible for installation date

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

Date Insp. Requested: 8/28/00 Date Insp. Approved: 8/28/00 MR SRH
Inspection Data:
- Pitless adapter and water supply line at least 36" below grade ✓
- Two piece cap installed and attached to casing securely ✓
- Elec. conduit extends at least 18" below grade/attached to cap properly ✓
- Safety rope installed inside of well casing ✓
- Correct well tag attached properly and casing 8" above finished grade ✓
- Water supply line sleeved adequately at house connection ✓
- Adequate grout observed below pitless adapter ✓

C 1 | 7003 | SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A58993 FF

ST/CO USE ONLY
DATE Received 02 03 99

DATE WELL COMPLETED MM 1 DD 30 YY 99

Depth of Well 200' (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" AO-94-2066

OWNER Cattail Overlook Inc (last name / first name)
STREET OR RFD 8808 Centre Park Dr TOWN Columbia
SUBDIVISION Cattail Creek SECTION LOT 3033

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
ORANGE SILT SOIL	0'	25'	
TAN SILT SOIL	25'	53'	
WEATHERED TAN ROCK	53'	55'	
MED HARD GRAY ROCK W/ FEW GREEN STREAKS	55'	200' ✓	
		70' ✓	

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes [Y] no [N]

CIRCLE APPROPRIATE LETTER
- A 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. MWD355
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO. MWD546
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 15 NO. OF POUNDS 1440
GALLONS OF WATER 90
DEPTH OF GROUT SEAL (to nearest foot)
from 0 TOP ft. to 60' BOTTOM ft.
(enter 0 if from surface)

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)
ST	6"	60'

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	depth (feet) to

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

C 2 DEPTH (nearest ft.)

EACH SCREEN		from	to
1	40	60'	200'
2			
3			

SLOT SIZE 1 ____ 2 ____ 3 ____
DIAMETER OF SCREEN ____ (NEAREST INCH)

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
TELESCOPE CASING | LOG INDICATOR | OTHER DATA

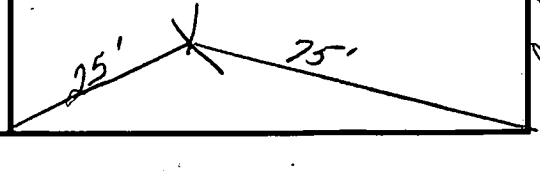
C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 6.
METHOD USED TO MEASURE PUMPING RATE WATER & BUCKET
WATER LEVEL (distance from land surface)
BEFORE PUMPING 96 ft.
WHEN PUMPING 122 ft.

TYPE OF PUMP USED (for test)
[A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other (describe below) [J] jet [S] submersible

PUMP INSTALLED
DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) 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)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height) [+] above [−] below LAND SURFACE (nearest) foot

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



DENV-CR97 ② COUNTY

EMERGENCY/TEMP NO. IF ANY

B 1 5125	SEQUENCE NO. (MDE USE ONLY)	

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO - 94 - 2066
fill in this form completely

OWNER INFORMATION

Date Received (APA): 1 13 99 (MM DD YY)

Last Name / Owner / First Name: Cattail Overlook Inc

Street or RFD: 8808 Centre Park Dr. Suite 209

Town: Columbia State: md Zip: 21045

DRILLER INFORMATION

Driller's Name: Michael Barlow License No.: MWD355

Firm Name: Michael Barlow Well Drilling

Address: 912 Fawn Ct Joppa, md 21085

Signature: [signature] Date: 1-6-99

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

LOCATION OF WELL (B 3)

COUNTY: Howard

SUBDIVISION: CatTail Ridge

SECTION: ____ LOT: ~~30~~ 33

NEAREST TOWN: Glenwood

MILES FROM TOWN (enter 0 if in town): 2 M

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

N, NE, E, SE, (S) circled, SW, W, NW — TOWN

NEAR WHAT ROAD: Roxbury Mill

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH, WEST, EAST, SOUTH

DISTANCE FROM ROAD: 280

ENTER FT OR MI

TAX MAP: ____ BLK: ____ PARCEL ____

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

COUNTY NAME: Howard Co COUNTY NO.: A58993-FF

STATE SIGNATURE: ____ INSERT S →

DATE ISSUED: 1/20/99 CO SIGNATURE: A McMullen EXP. DATE: 1/20/00

NORTH GRID: 520 000 EAST GRID: 790 000

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X →

1/30/99
Grout
No insp
Weekend
A

000
000

SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790

N 520

METHOD OF DRILLING (circle one)

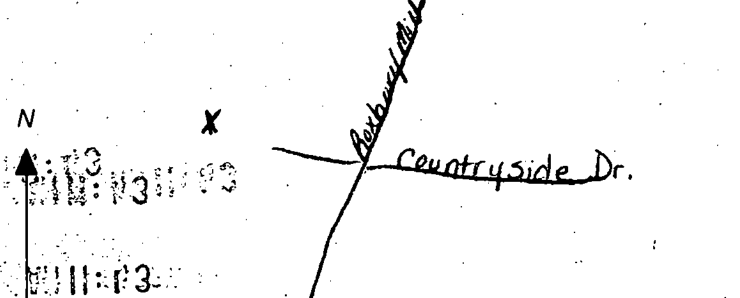
BORED (or Augered) | JETTED | Jetted & DRIVEN
AIR-ROTary | (AIR-PERcussion) circled | ROTARY (Hydraulic Rotary)
CABLE | REVerse-ROTary | DRive-POINT
other ____

REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL — circled
- 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) __ - __ - ____

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: GAP

PERMIT No. HO - 94 - 2066

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

All stakes by a licensed surveyor

6/02/99

3 Lots - well locations are staked

SITE INSPECTION SHEET

OWNER: Syndacon Prop

ADDRESS: Cattail Ridge

DATE REQUESTED:

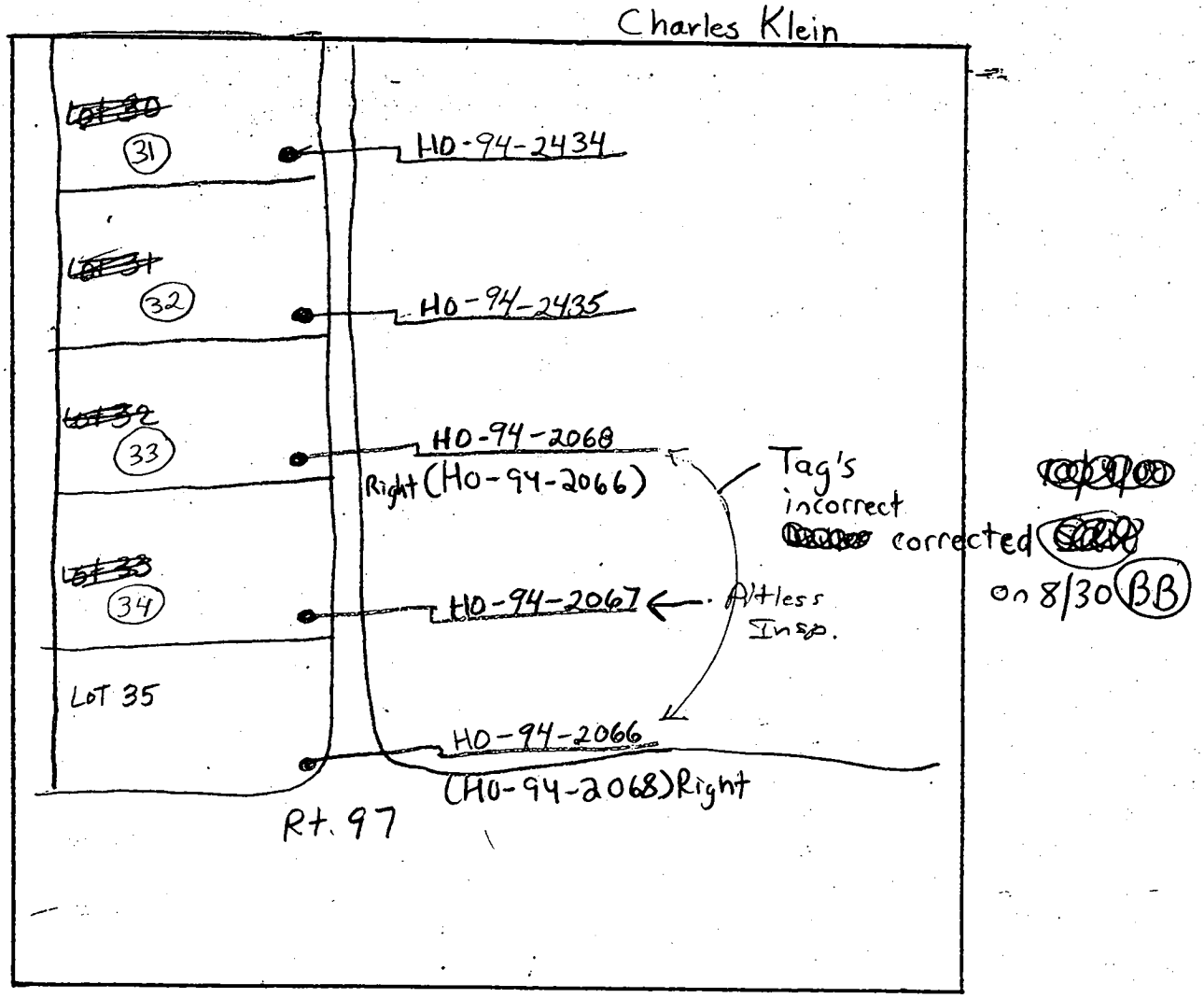
DRILLER:

WELL TAG #

COUNTY #

PROPOSAL: Record 5 well tag #s on Lots 31 thru 35 - Return to Amy (Amy call Chris Willoby 9840337)

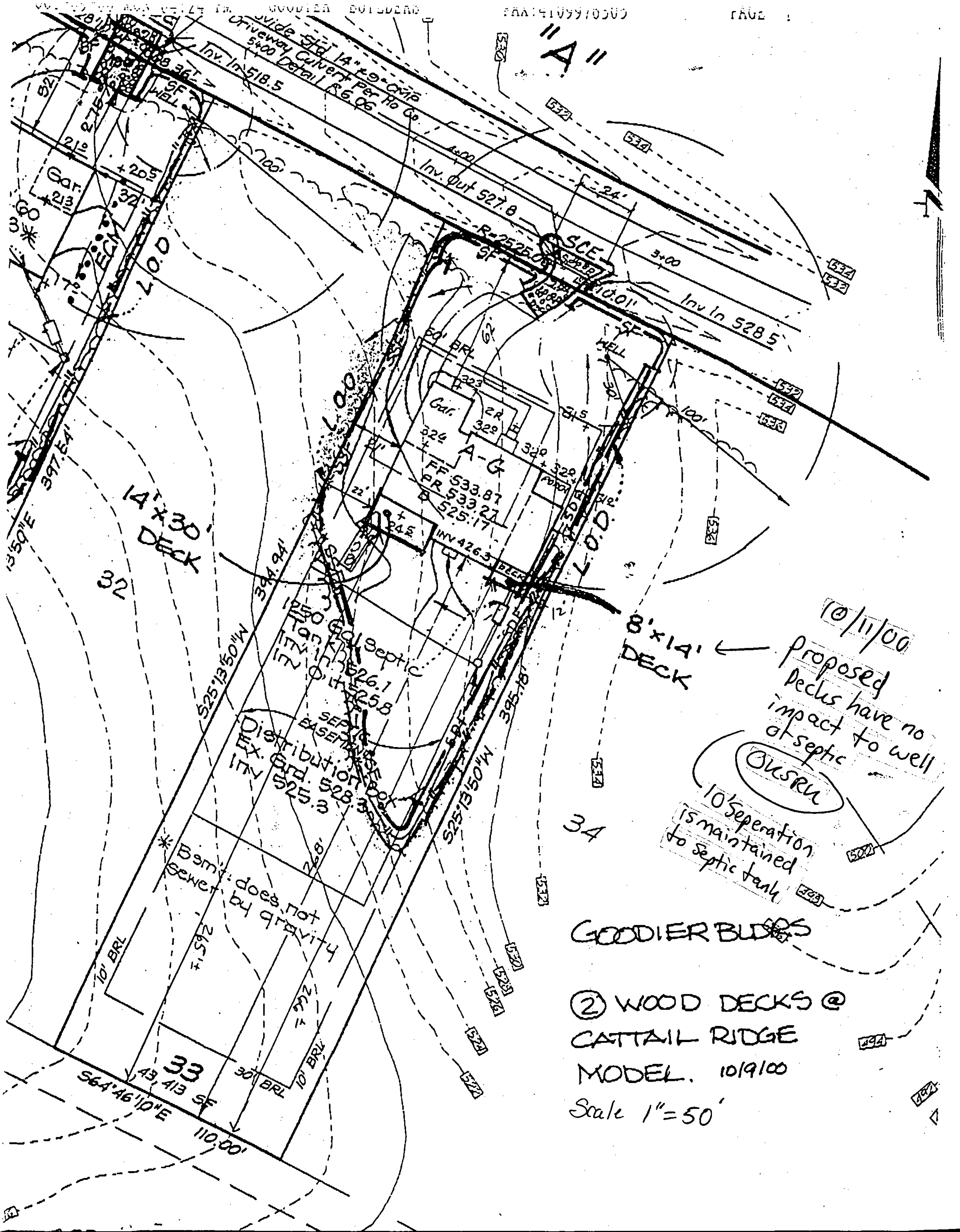
LOCATION DIAGRAM



COMMENTS:

DATE:

INSPECTOR:


"A"
Provide Std. 14"x9" CMP Driveway Culvert Per Ho. Co. 5400 Detail R6.06
Inv. In 518.5
Inv. Out 527.8
Inv. In 528.5
SCE
LOD
L.O.D
14'x30' DECK
8'x14' DECK
A-G
FF 533.87
PR 533.27
B 525.17
INV 426.3
1250 Gal Septic Tank
Inv. In 526.1
Inv. Out 525.8
SEPTIC EASEMENT
Distribution Box
Ex. Grd. 528.3
Inv. 525.3
Bsmt. does not sewer by gravity
S25°13'50"W
394.94'
395.18'
397.84'
S64°46'10"E
110.00'
43,413 SF
33
32
34
10' BRL
30' BRL
60' BRL
WELL
10/11/00
Proposed Decks have no impact to well or septic
OWSRU
10' Seperation is maintained to Septic tank
GOODIER BLDGS
2 WOOD DECKS @ CATTAIL RIDGE MODEL. 10/9/00
Scale 1"=50'

APPLICATION

PERCOLATION TESTING

A 58993

P _____

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

DISTRICT _____

DATE 9-25-97

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J. Thomas Sachse

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER c/o LDAD

ADDRESS 10365 Hickory Ridge Suite 210 PHONE 410-740-2100
Columbia, MD 21044

PROPERTY LOCATION:

SUBDIVISION Haan Rei' LOT NO. 30 thru 32

ROAD AND DESCRIPTION Rte 97

BLDG. PERMIT ISSUED
AND RETURNED 3/24/00
B00122736

TAX MAP 21 PARCEL # ~~137~~ 3

SIZE OF LOT 1 acre TYPE BLDG. SFD (38 LOTS) 4 BRMS
(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

HD-216 (3/92)

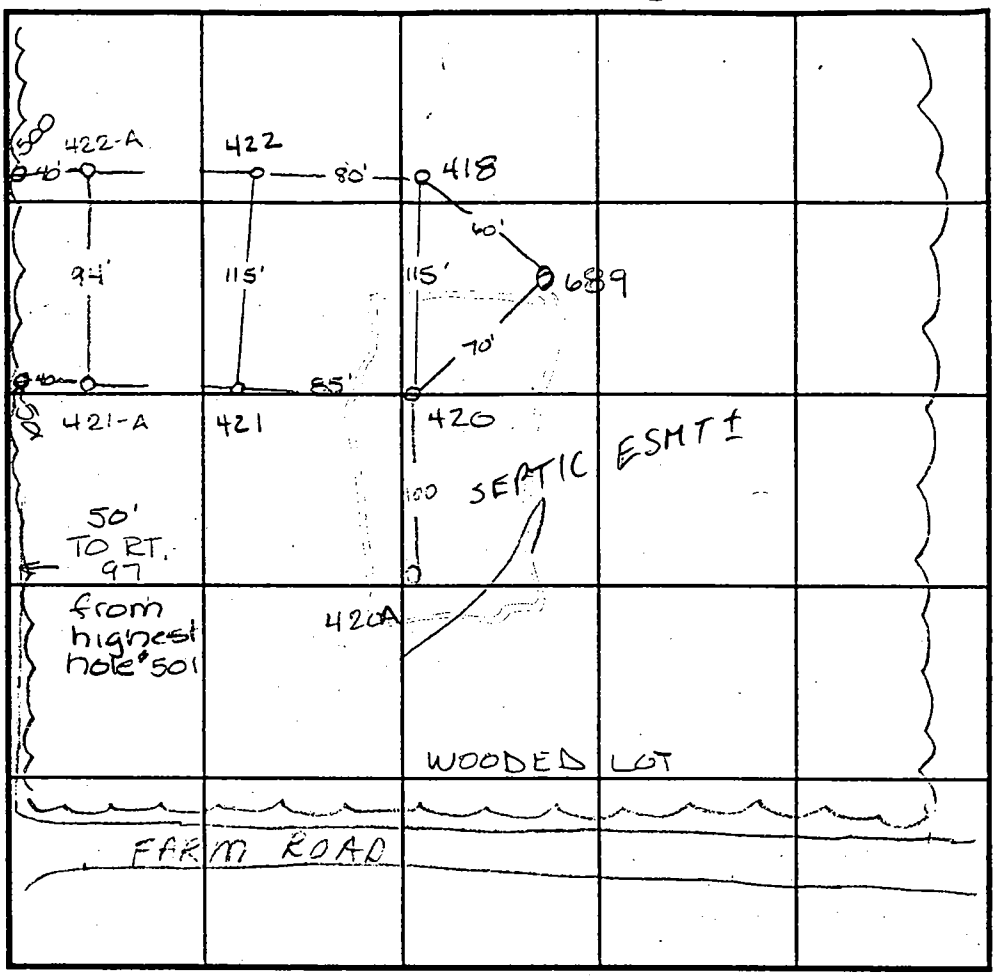
LOT 40

COUNTY #

SOIL PROFILE
421 422
0'
lgt + ycl. orange SiCLm 20% Rx frags
5.5
pink SiLm 20% Rx frags
2.0'

420-A
418 420
yellow brn SiCLm
5.5
pink SiLm <5% Rx frags
11.0

421-A
orange brown SiCLm
8.0
orange brn SiSaLm
9.0
lgt tocky Salm 25% Rx
12.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
422-A
0'
dark red pink SiSaLm
3.0
pink SiSaLm 15-20% Rx frags
12.0

500, 501
dark red SiCLm
4.0
lgt pink Powdery SiLm <5% Rx
12.5

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
11-4-97	421	3.5 / V12.0	10:27 (45)	10:32	10:32	10:37	5min
		7.0 / V12.0	10:26 (15)	10:29	10:29	10:32	3min
	422	3.5 / V11.5	10:30 (30)	10:35	10:35	10:39	4min
	418	5.0 / V11.0	11:42 (30)	11:43 (30)	11:43 (30)	11:46	2½min
	420	Visual	to 12.0 - see	profile	—		OK
	421A	4.0 / V12.0	11:22	11:23 (30)	11:23 (30)	11:28	4½min
	422A	3.5 / V12.0	11:26 (30)	11:29 (30)	11:29 (30)	11:35	5½min
	420A	3.5 / V10.0	11:52	11:55	11:55	12:00	5min
2-9-98	500	Visual	to 12.0 - see	profile	—		OK
	501	4.5 / V12.5	11:36 (30)	11:39	11:39	11:44	5min
6-1-98	689	Visual	OK see profile				

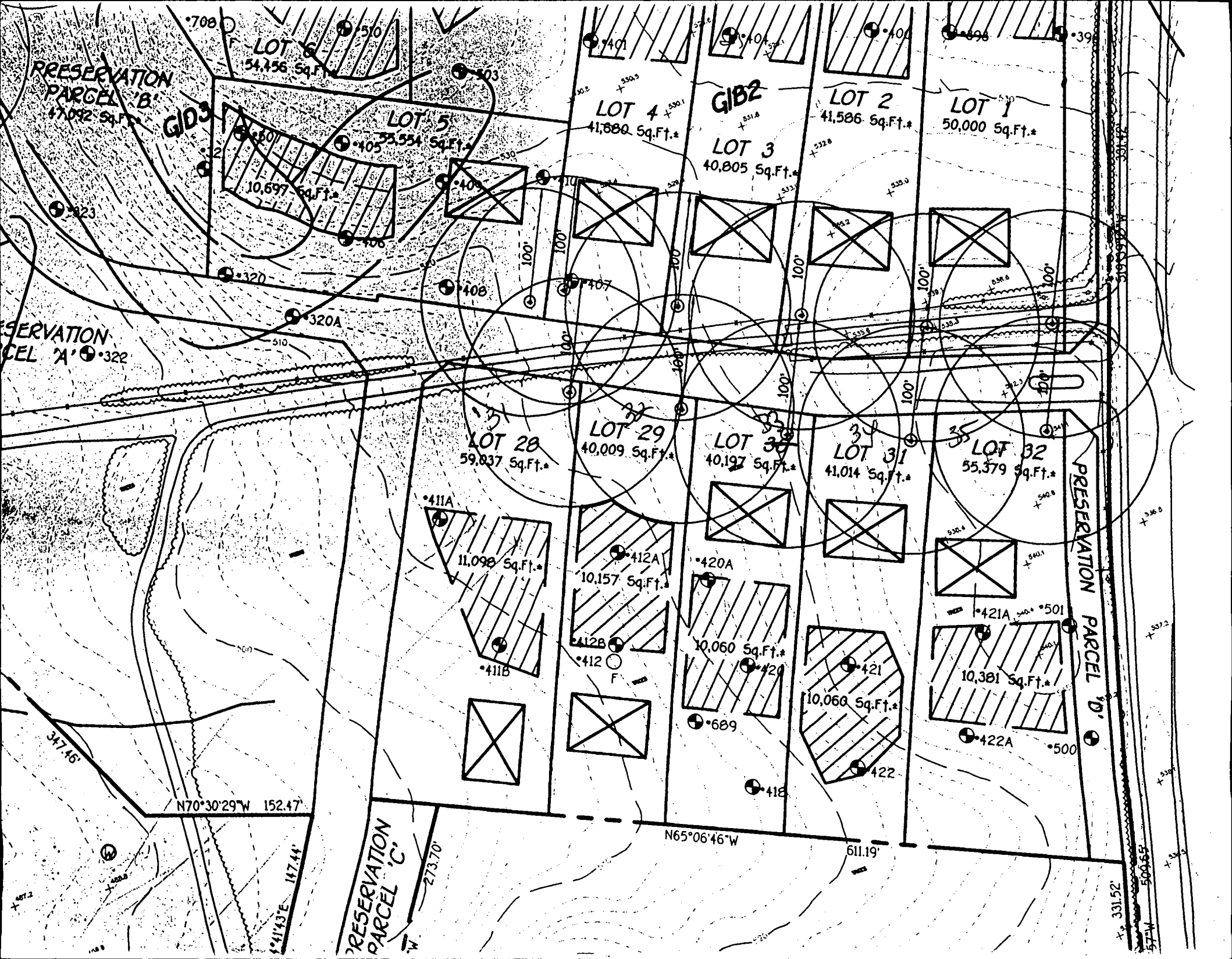
REMARKS Measurements taken from plat - heavily wooded lot

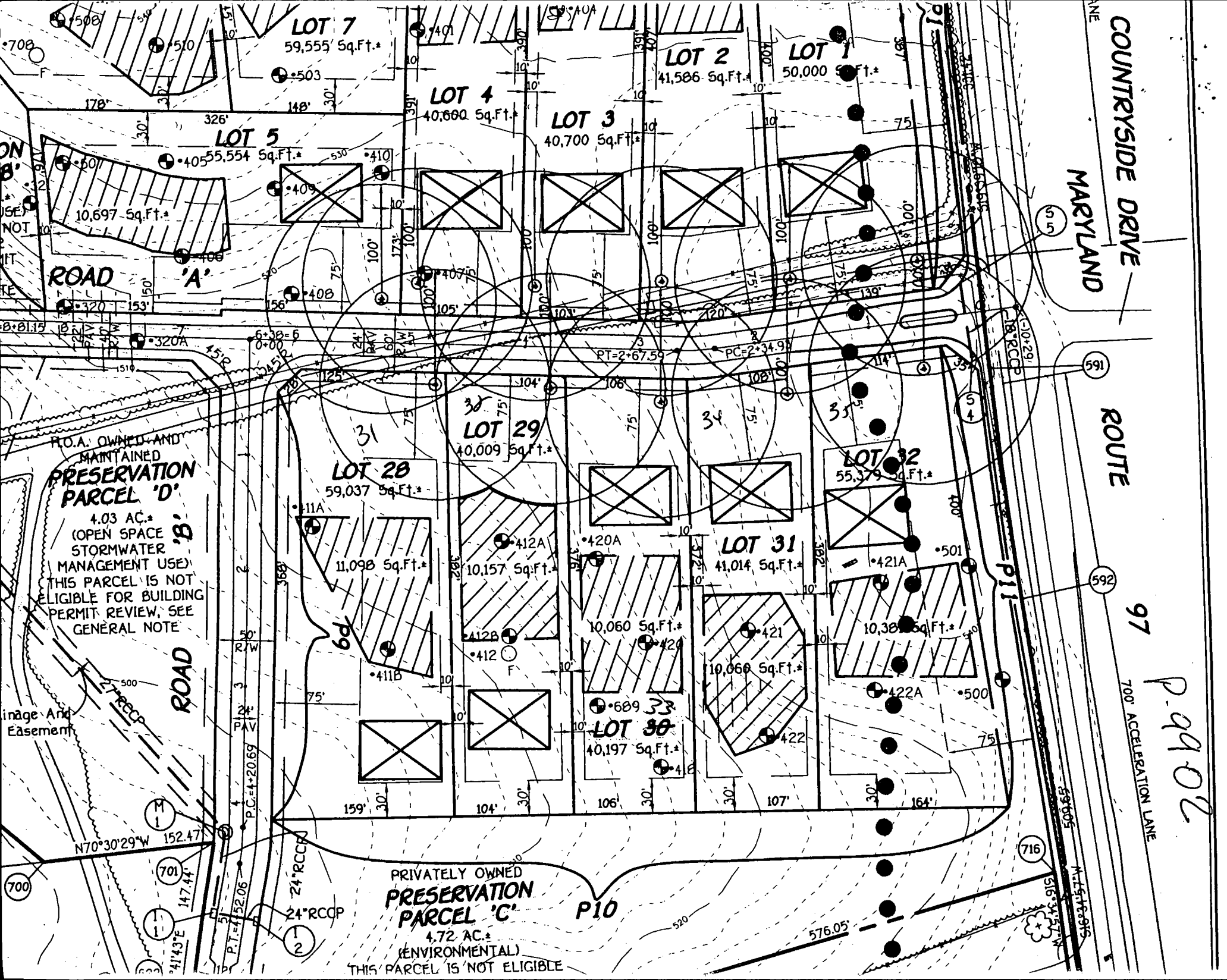
TYPE OF SOIL

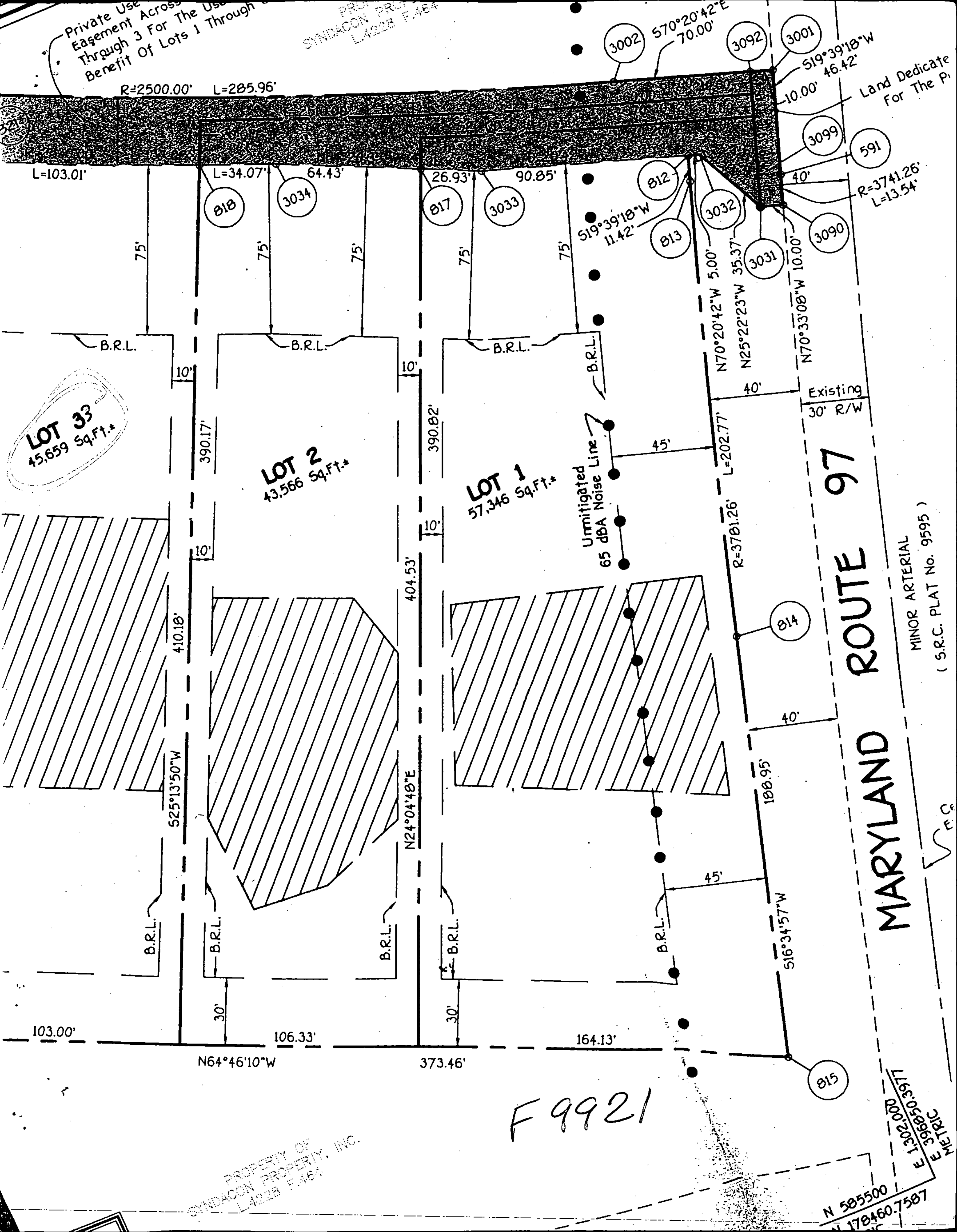
TESTED BY Amy McMillen ALSO PRESENT Don Rewwer

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

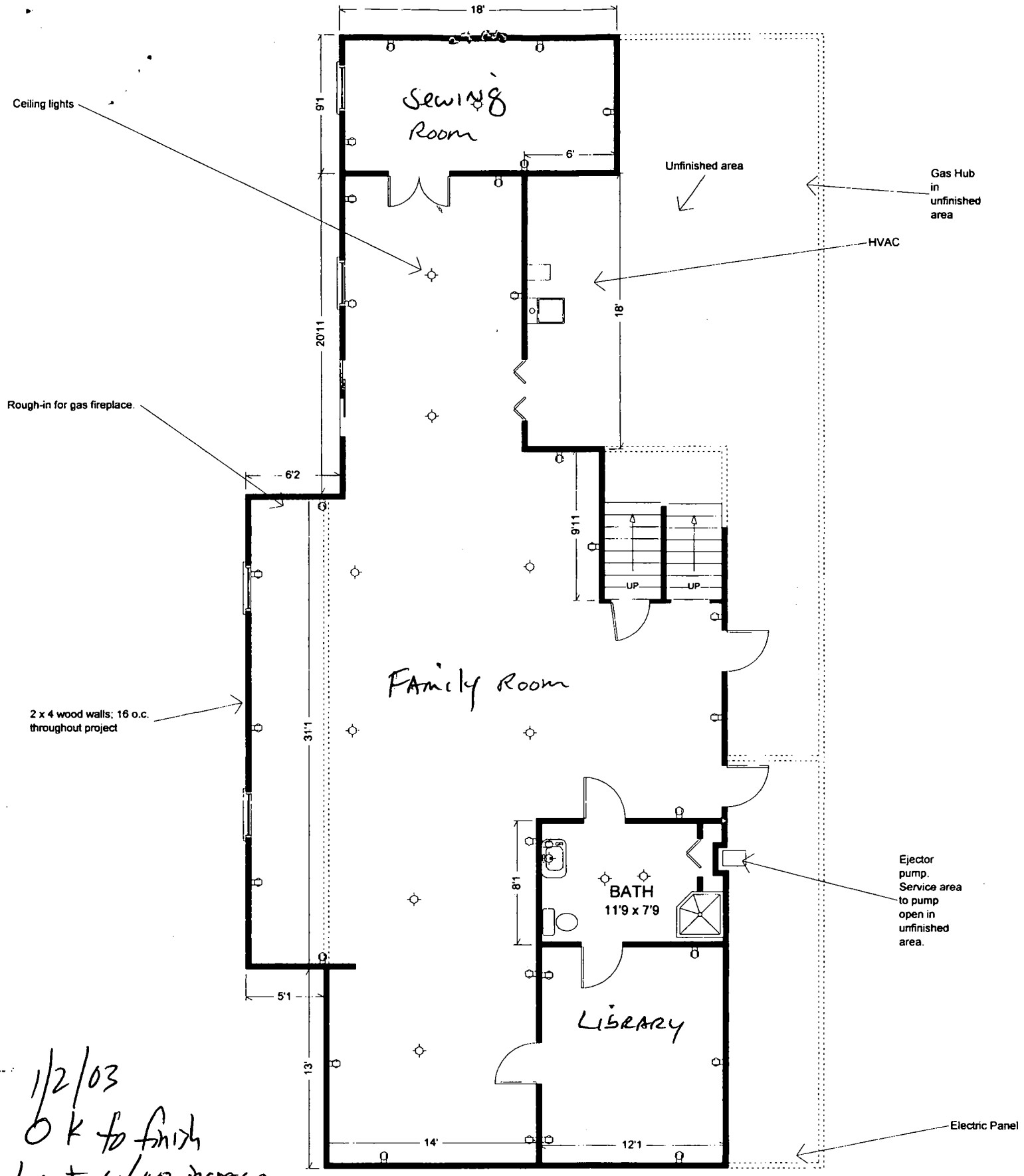
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____


PRESERVATION PARCEL 'B'
47,092 Sq.Ft.±
LOT 6
54,456 Sq.Ft.±
LOT 5
35,554 Sq.Ft.±
10,697 Sq.Ft.±
GID3
GIB2
LOT 4
41,680 Sq.Ft.±
LOT 3
40,805 Sq.Ft.±
LOT 2
41,586 Sq.Ft.±
LOT 1
50,000 Sq.Ft.±
LOT 28
59,837 Sq.Ft.±
LOT 29
40,009 Sq.Ft.±
LOT 30
40,197 Sq.Ft.±
LOT 31
41,014 Sq.Ft.±
LOT 32
55,379 Sq.Ft.±
11,098 Sq.Ft.±
10,157 Sq.Ft.±
10,060 Sq.Ft.±
10,060 Sq.Ft.±
10,381 Sq.Ft.±
PRESERVATION PARCEL 'A'
PRESERVATION PARCEL 'C'
PRESERVATION PARCEL 'D'
N70°30'29"W 152.47'
N65°06'46"W
611.19'
347.46'
147.44'
273.70'
331.52'
100'


LOT 7
59,555 Sq.Ft.±
LOT 2
41,586 Sq.Ft.±
LOT 1
50,000 Sq.Ft.±
LOT 4
40,660 Sq.Ft.±
LOT 3
40,700 Sq.Ft.±
LOT 5
55,554 Sq.Ft.±
10,697 Sq.Ft.±
ROAD 'A'
COUNTRYSIDE DRIVE
MARYLAND ROUTE 97
700' ACCELERATION LANE
LOT 29
40,009 Sq.Ft.±
LOT 28
59,037 Sq.Ft.±
LOT 32
55,379 Sq.Ft.±
LOT 31
41,014 Sq.Ft.±
LOT 30
40,197 Sq.Ft.±
11,098 Sq.Ft.±
10,157 Sq.Ft.±
10,060 Sq.Ft.±
10,060 Sq.Ft.±
10,38 Sq.Ft.±
H.O.A. OWNED AND MAINTAINED
PRESERVATION PARCEL 'D'
4.03 AC.±
(OPEN SPACE STORMWATER MANAGEMENT USE)
THIS PARCEL IS NOT ELIGIBLE FOR BUILDING PERMIT REVIEW, SEE GENERAL NOTE
ROAD 'B'
ROAD
Drainage And Easement
PRIVATELY OWNED
PRESERVATION PARCEL 'C'
4.72 AC.±
(ENVIRONMENTAL)
THIS PARCEL IS NOT ELIGIBLE
P10
P11
N70°30'29"W 152.47'
P.C.=4+20.69
P.T.=4+52.06
24"RCCP
576.05'
P-9902



Private Use Easement Across Through 3 For The Use Benefit Of Lots 1 Through 3
PROPERTY OF SYNDACON PROPERTY, INC. L.4228 F.464
S70°20'42"E 70.00'
3002
3092
3001
S19°39'18"W 46.42'
10.00'
Land Dedicated For The P
R=2500.00'
L=285.96'
L=103.01'
L=34.07'
64.43'
26.93'
90.85'
3099
591
40'
R=3741.26'
L=13.54'
818
3034
817
3033
812
813
3032
3031
3090
S19°39'18"W 11.42'
75'
B.R.L.
10'
N70°20'42"W 5.00'
N25°22'23"W 35.37'
N70°33'08"W 10.00'
Existing 30' R/W
LOT 33 45,659 Sq.Ft.±
390.17'
LOT 2 43,566 Sq.Ft.±
390.82'
LOT 1 57,346 Sq.Ft.±
Unmitigated 65 dBA Noise Line
45'
L=202.77'
R=3781.26'
MARYLAND ROUTE 97
MINOR ARTERIAL (S.R.C. PLAT No. 9595)
410.18'
404.53'
814
S25°13'50"W
N24°04'48"E
188.95'
S16°34'57"W
30'
103.00'
106.33'
164.13'
N64°46'10"W
373.46'
815
F9921
E 1,302,000 E 396850.3977 METRIC
N 585500 N 178460.7587



1/2/03
Ok to finish bsmt w/ no increase in bedrooms
JB