

LAYOUT 11/10/03 12pm. INSP 4 _____
 INSP 2 11/14/03 INSP 5 _____
 INSP 3 12/15/03 INSP 6 _____

ISSUE DATE: 10/6/2003

APPROVAL DATE: 12/15/03

**PERMIT
INDEXED**

P 519601

A 511517-Q

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

03-339262

Van Sant Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS: 3 North Main Street, Mount Airy PHONE NUMBER: 800-682-6726

SUBDIVISION: Fox Creek LOT NUMBER: 1

ADDRESS: 12304 Fox Meadow Lane PROPERTY OWNER: NVR., Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved site plan. Run trenches on contour.
NOTES:	First floor gravity service only.

PLANS APPROVED: Steven R. Krieg **OK SRK** 10/6/03 DATE: 2/3/2003

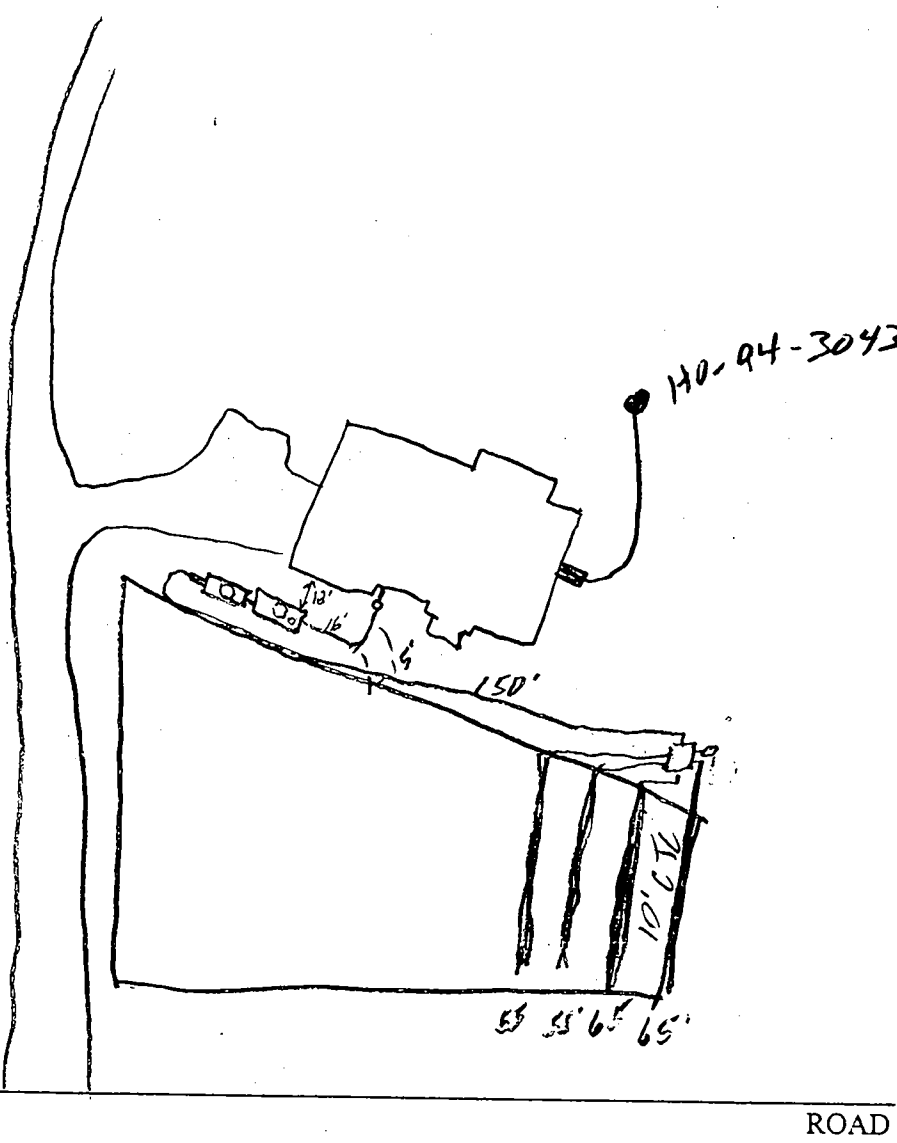
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS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

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

BUILDING PERMIT SIGNED AND RETURNED
3-1804 B00146826-DECK

A511517-Q

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2.5'	4.5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		240'
ABSORPTION AREA		720 sq
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

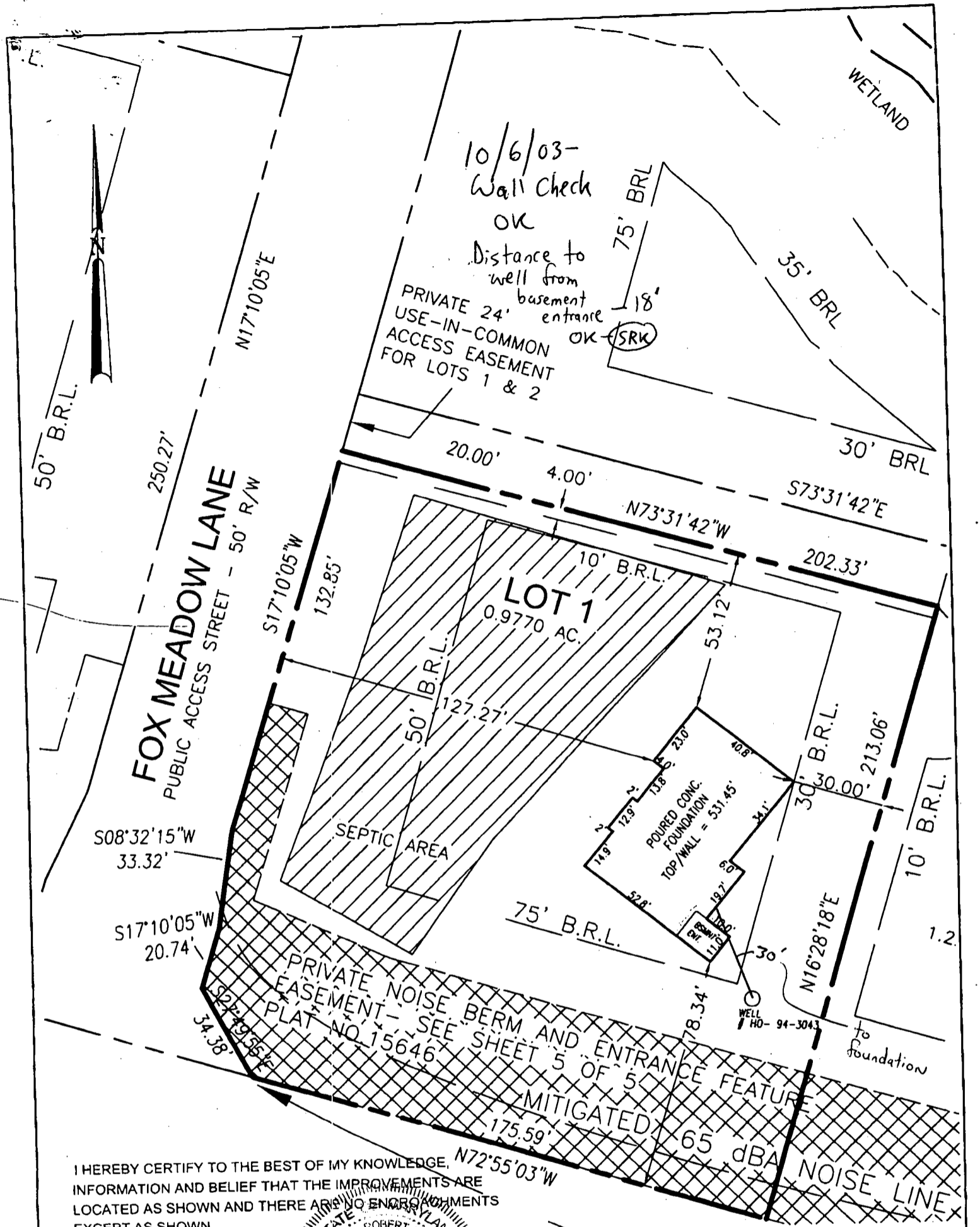
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 11/10/03 - SRA Skated - contour appears ok; builder cut dirt out of upper SRA for wall construction. Some septic area lost install (2) 65' & (2) 55' trenches on contour. SD/AB

INSTALLATION 11/14/03 - OK to cover all work. Pump & Alarm tests needed (SG) 12/15/03 - Pump & Alarm test OK (SG)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR *[Signature]* DATE OF APPROVAL 12/15/03



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

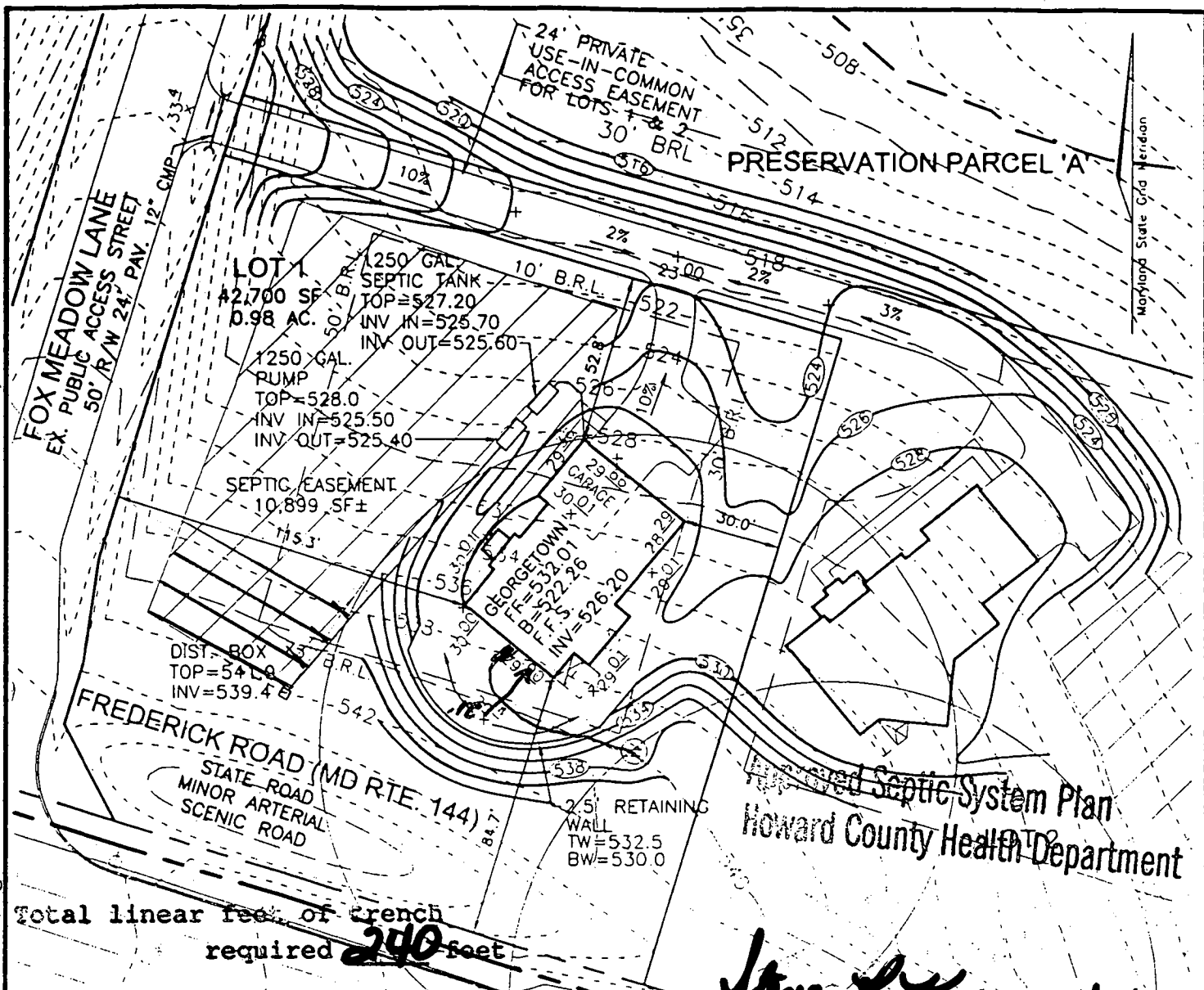
James R. Meeks



9/03/03

JAMES ROBERT MEEKS, PROFESSIONAL LAND SURVEYOR #10857 DATE

SCALE 1" = 40'	DATE 08/28/03	<p>FREDERICK WARD ASSOCIATES www.frederickward.com REGIONAL OFFICES Columbia, Maryland and Warrenton, Virginia ARCHITECTS ENGINEERS PLANNERS SURVEYORS</p>	<p>7125 Riverwood Drive Columbia, Maryland 21046-2354 410-720-8900 410-720-8226 fax</p>	<p>WALL CHECK LOT 1 FOX CREEK SUBDIVISION</p>	
DRAWN BY S.CHECK	CHECKED BY JRM				<p>HOWARD COUNTY, MARYLAND</p>
PLAT NUMBER 15646	FWA JOB NUMBER 2024059				



080
09
55
55
08

Total linear feet of trench required **240** feet

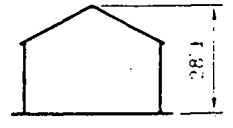
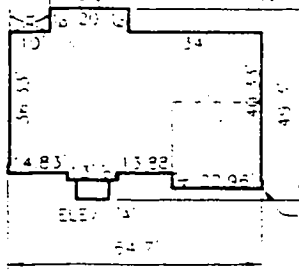
Width of trench (es) **3** feet

Depth of trench (es) **4.5** feet

Depth of stone required below distribution pipe **2** feet

Steve P. King
Signature
2/1/03
Date

GEORGETOWN
ELEV. 'A'
1"=50'



ENGINEERS
ARCHITECTS
SURVEYORS

FREDERICK WARD ASSOCIATES, INC.
7125 Riverwood Drive Columbia, Maryland 21046-2354
Phone: 410-290-9550 Fax: 410-720-6226
Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

SCALE 1"=50'
DRAWN BY C.M.F.
CHECKED BY J.C.D.
DATE DEC. 2002
W. O. # 2019035.00
SHEET # 1 OF 1

NVHomes
FOX CREEK SUBDIVISION
LOT 1

TAX MAP 15 BLOCKS 12 & 13.
TAX MAP BLOCKS 7 & 13
3RD ELECTION DISTRICT

PARCEL '183'
HOWARD COUNTY, MARYLAND

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: Van Sant Plumbing Telephone #: 301-829-0444
Address: 3 N Main St.
Mt. Airy, MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Larry Van Sant License# 6936

*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: NV Demes Telephone #: 410-279-5956
Subdivision: fox Creek Lot #: 1 Well Tag #: HO-94-3043
Site Address: 13304 Fox Meadow Lane
Ellicott City, MD

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Grundfos Make: Campanel Two piece watertight cap:
Model #: JG510423 Model#: B100 Screened, vented well cap:
Pump Capacity _____ GPM Depth: 42 (36" min) Cap secured to casing:
Well Yield: _____ GPM NSF approved: _____ Conduit min 18" B.G.:
Depth of well encountered at time of pump installation 550 (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 NO

Piping to house House Connection
Type: PVC PVC sleeved to undisturbed soil at wall penetration: IS
PSI: 20 (160 psi min) Approximate length of sleeve: 15
Depth of supply line: 36 (36" min) Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 11.13.03

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

Date Insp. Requested: 10/17/03 Date Insp. Approved: 10/17/03 (30) BB
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

C1 12135

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 13

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 5 7 02

Depth of Well 550 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" NO. 04-3043

OWNER IKD STREET OR RFD FOX MEADOW LANE TOWN SUBDIVISION FOX CREEK SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: BROWN SHALE 0-12, BLUE SLATE 12-300, BLUE SLATE 300-550.

THIS WELL WAS DEEPENED FROM 300 TO 550 AFTER IT HAD BEEN TEST PUMPED

MORE WATER HIT AT 413'

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 7 NO. OF POUNDS 658

CASING RECORD MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 20

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

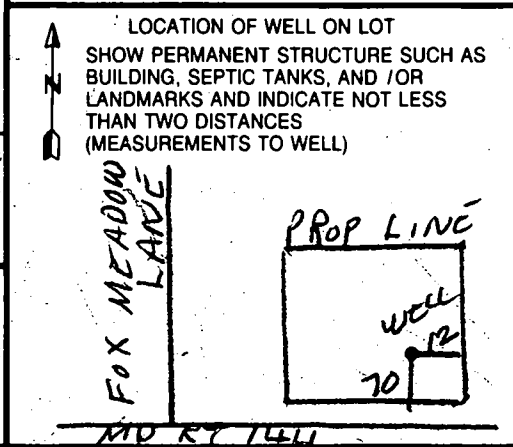
DEPTH (nearest ft.) HO 19 550

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

PUMPING TEST HOURS PUMPED (nearest hour) 1 PUMPING RATE (gal. per min.) 2.5

PUMP INSTALLED DRILLER INSTALLED PUMP YES (C) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29



I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 M WD 139 Robert Clime DRILLERS SIGNATURE LIC. NO. 1 M WD 536 Robert Clime Jr. SITE SUPERVISOR

C1 0883

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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER 13

DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 11 13 21

DEPTH OF WELL 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3042

OWNER: IKO Fox Meadow Lane West Friendship MD SUBDIVISION: Fox Creek SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), CHECK IF WATER BEARING. Includes entries for BROWN SHALE and BLUE SLATE.

WATER AT 43' (vertical text)

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (7), NO. OF POUNDS (658), DEPTH OF GROUT SEAL (19 ft).

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter (26), Total depth (70).

OTHER CASING (if used) table with columns: diameter, depth.

SCREEN RECORD: screen type (ST), BRONZE (BR), PLASTIC (PL), OPEN HOLE (HO), OTHER (OT).

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED (Y)

CIRCLE APPROPRIATE LETTER: A, E, P

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MW D 139 Robert Clome

LIC. NO. 1 MW D 536 Robert Clome Jr.

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

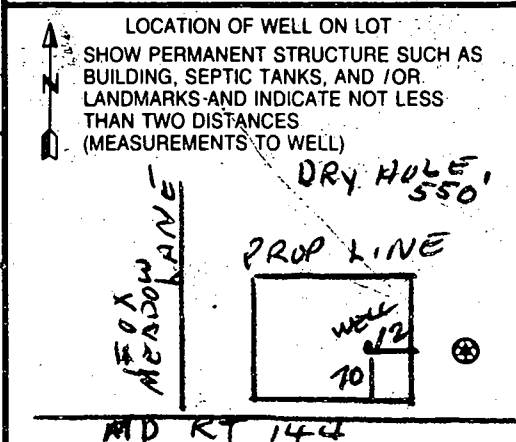
C 2 DEPTH (nearest ft.) table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51. Includes SLOT SIZE and DIAMETER OF SCREEN.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W O 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST: HOURS PUMPED (6), PUMPING RATE (1.0), WATER LEVEL (33 ft before, 155 ft when), TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED PLACE (29), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (above/below).



B-1 0619

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-3043 fill in this form completely

Date Received (APA)

02/21/01

OWNER INFORMATION

IKO-Tennant Development

3403 Olandwood Ct., Suite 101

Olney, MD 20832

DRILLER INFORMATION

Robert L. Cline M W D 139

Cline & Duvall, Inc.

8093 Hillmark Ct., Frederick, MD 21704

Robert L. Cline 2-20-01

LOCATION OF WELL

Howard 8 COUNTY 21

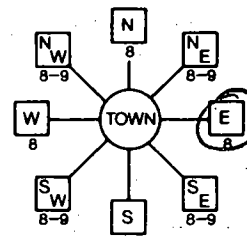
Fox Creek 23 SUBDIVISION 42

SECTION 44 46 LOT 1 48 50

West Friendship 52 NEAREST TOWN 71

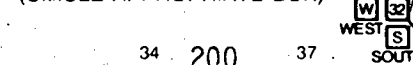
MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Fox Meadow Lane 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 200 37 DISTANCE FROM ROAD ft. ENTER FT OR MI 38 39

TAX MAP: 15 BLK: PARCEL 183

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 300

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 03/23/01

CO SIGNATURE EXP DATE

NORTH GRID 535 000 EAST GRID 0817 000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled)
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEAN AN EXISTING WELL

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

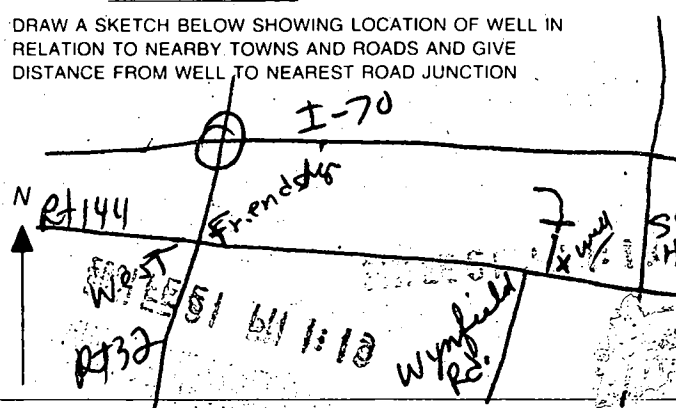
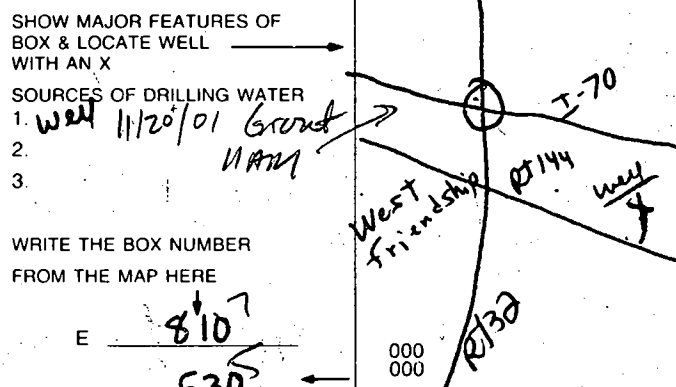
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

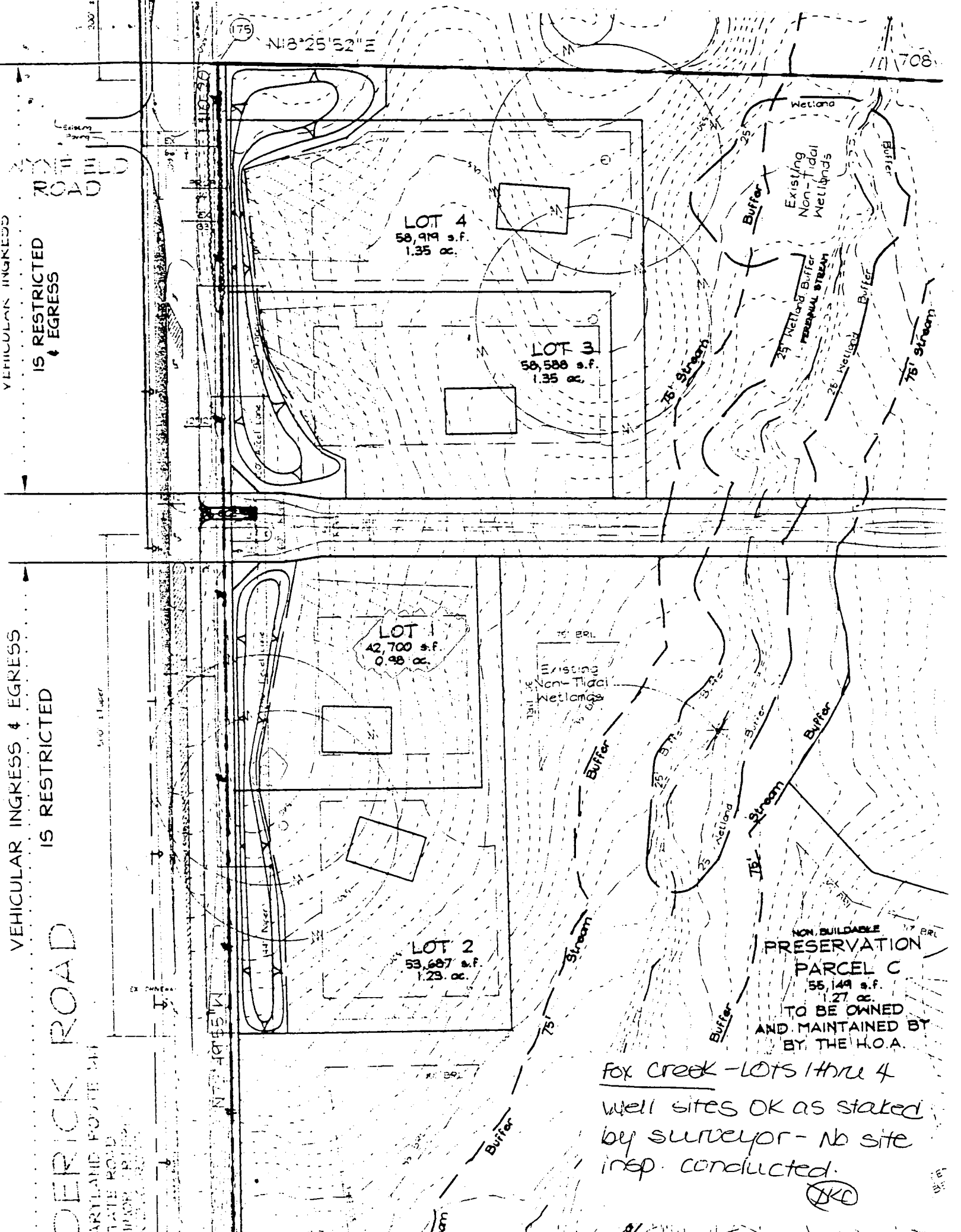
APPROP. PERMIT NUMBER H02001G001

PERMIT No. HO-94-3043

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED





VEHICULAR INGRESS & EGRESS IS RESTRICTED

VEHICULAR INGRESS & EGRESS IS RESTRICTED

DERICK ROAD

WARTLAND FORTUNE DR
STATE ROAD
HUNTER CREEK

(175) N18°25'52" E

(1708)

LOT 4
58,919 s.f.
1.35 ac.

LOT 3
58,588 s.f.
1.35 ac.

LOT 1
42,700 s.f.
0.98 ac.

LOT 2
53,687 s.f.
1.23 ac.

NON-BUILDABLE
PRESERVATION
PARCEL C
55,144 s.f.
1.27 ac.
TO BE OWNED
AND MAINTAINED BY
BY THE H.O.A.

Fox Creek - Lots 1 thru 4
Well sites OK as stated
by surveyor - No site
insp. conducted.

(JKO)

Sheet

1708

APPLICATION

8330

PERCOLATION TESTING

A _____

P _____

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

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 RICHARD TENNANT
C/O TENNANT-HKO DEVELOPMENT LIMITED PARTNERSHIP
3403 CLOUDWOOD COURT, SUITE 101
ADDRESS OWNEY, MD 20832 PHONE 301 924-5645

AGENT OR PROSPECTIVE BUYER N/A
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION FOX WOOD HILLS LOT NO. 11
ROAD AND DESCRIPTION FREDERICK ROAD WEST OF SAND HILL

TAX MAP 15 PARCEL # 183

SIZE OF LOT 1 ACRE TYPE BLDG. SINGLE FAMILY
(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]
(SIGNATURE OF APPLICANT)
Agent, Inc.

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

TEN NANT

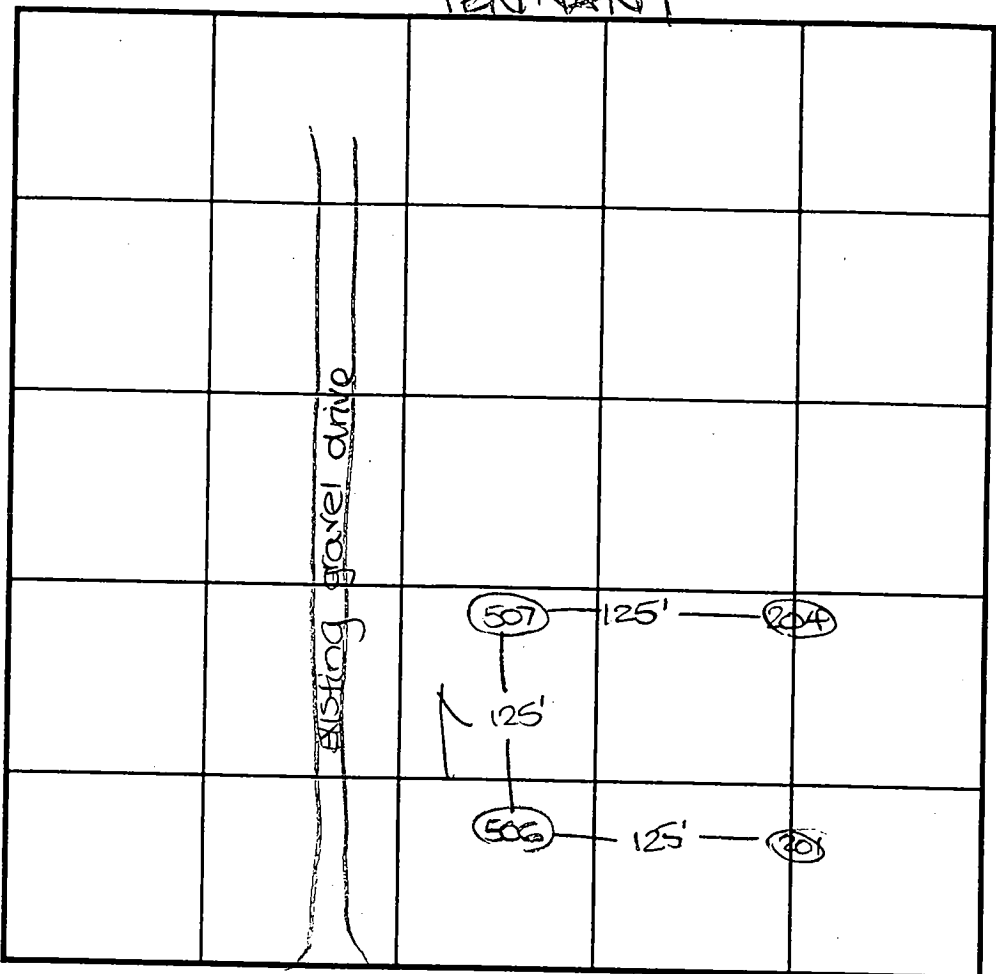
COUNTY #

SOIL PROFILE
506

0' -
topsoil
org brn
cl lm
2.5'
pale org
beige
sa lm
10%
sapr
sh
13'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Frederick Road

507
like
506
w/
20%+
sapr
sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-8-99	506	3.0' S	10:20 ₃	10:23 ₃	10:23 ₃	10:27 ₃	4
		13.0' D	Visual	- see	profile		OK
	507	11.0' D	Visual	- see	profile		OK

REMARKS holes not staked (506/507)

TYPE OF SOIL _____

TESTED BY D. Soe ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE

457X

0' topsoil

1' org brn cl lm

3' 4" org brn sa lm
70% hard sh

5.5' Hard

408X

0' topsoil

1' org brn cl lm

2.5' pale org tan to grey sa lm
w/ 70% hard sh

6.5' Hard

406X

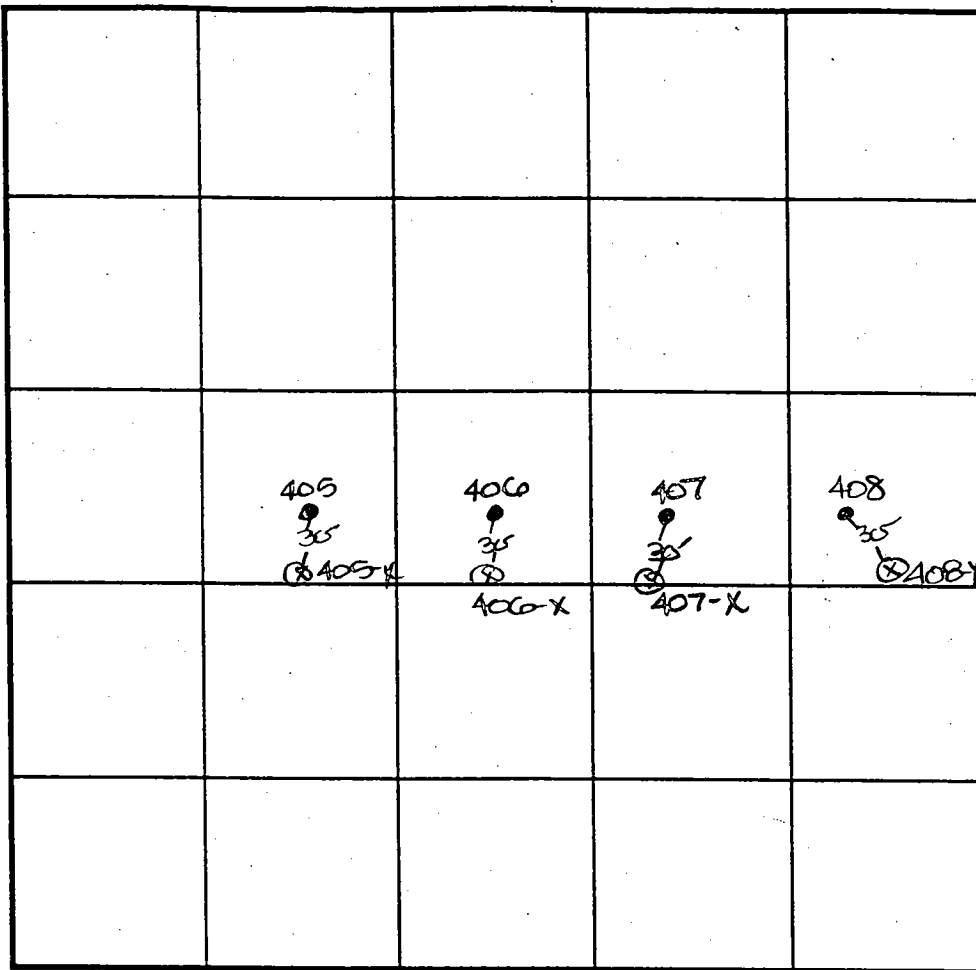
0' topsoil

1' org brn cl lm

2.5' pale org tan sa lm

35-40% sapr sh

11'



SOIL PROFILE

405X

0' topsoil

1' org red brn cl lm

3.5' pale org tan sa lm

25%+ sapr sh

13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Frederick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-24-00	407X	5.5' D	Hard Rx	- see profile			FAIL
	408X	6.5' D	Hard Rx	- see profile			FAIL
	406X	2.5' S	3:57	4:00	4:00	4:04	4
		11.0' D	Visual	- see profile			OK
	405X	13.0' D	Visual	- see profile			OK

REMARKS test holes not staked

TYPE OF SOIL

TESTED BY DKS ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

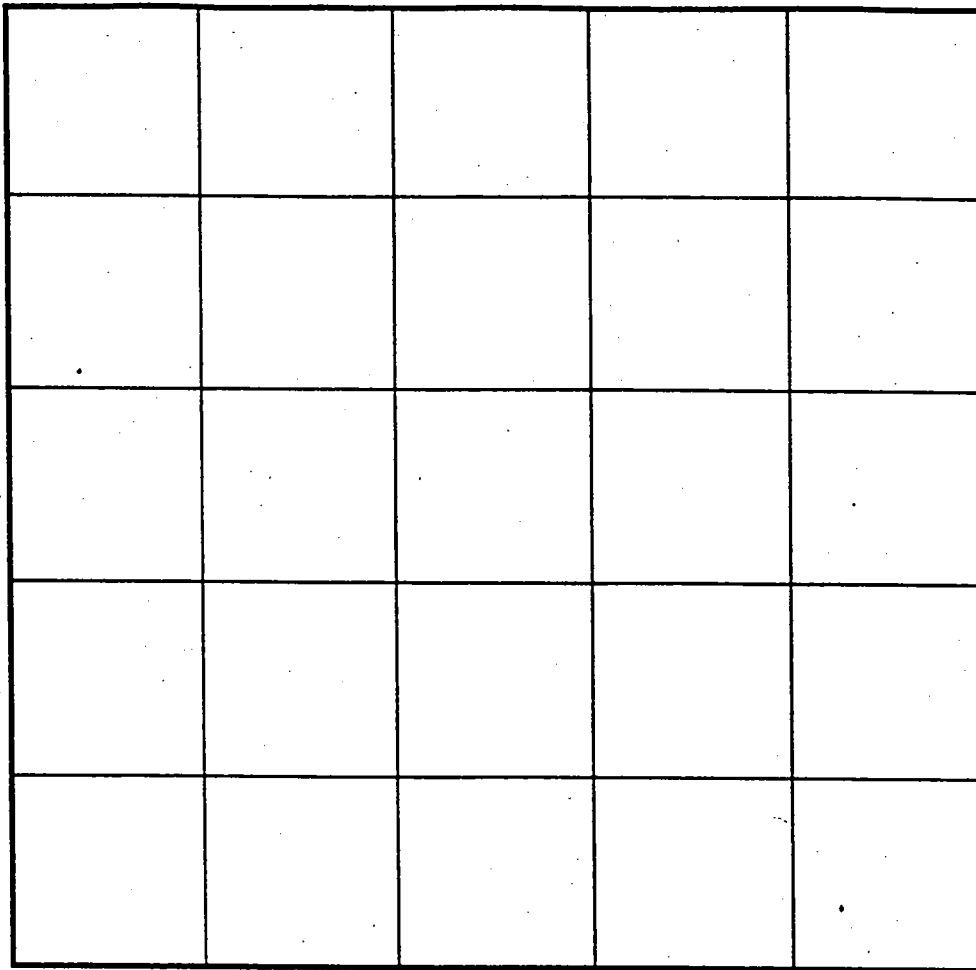
405

0' topsoil

org brn
cl lm

5' lt brn
sa lm
w/mica
60%+
supr sh

10' Hard



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

408

0' topsoil

org brn
cl lm

6.5' Hard

406

1' topsoil

org brn
cl lm

3.5' lt org brn
sa lm

6' 60%+
supr sh

8.5' Hard

407

1' topsoil

org brn
cl lm

3.5' lt brn
sa lm
w/sh
frag

7.0' Hard

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-24-00	405	10.0' D	Hard R	-see profile			FAIL
	406	8.5' D	Hard R	-see profile			FAIL
	407	7.8" D	Hard R	-see profile			FAIL
	408	6.5' D	Hard R	-see profile			FAIL

REMARKS holes tested as staked

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

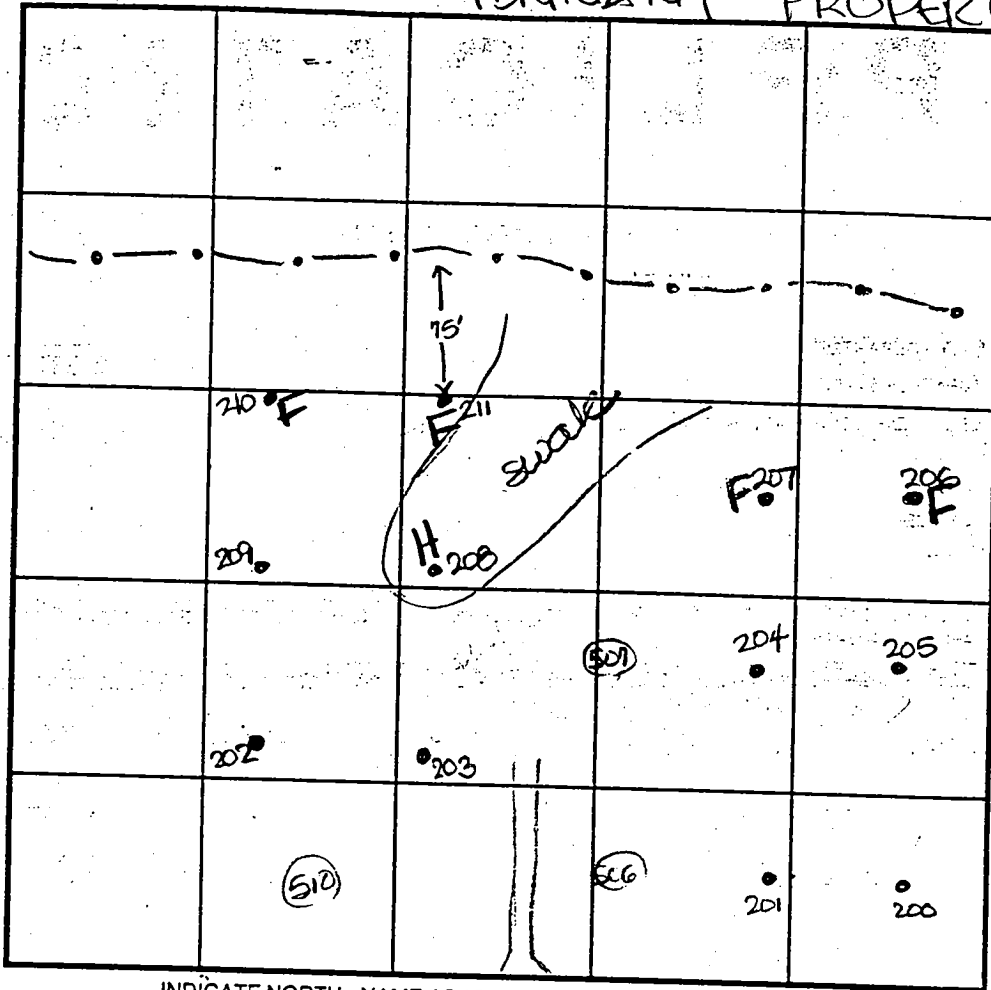
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

TENANT PROPERTY

COUNTY # _____

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Frederick Road

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

REMARKS • = staked test hole ○ = test hole not staked

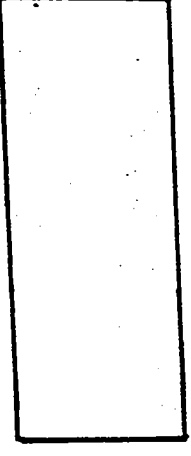
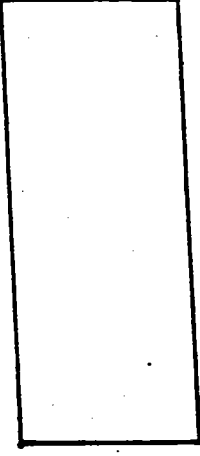
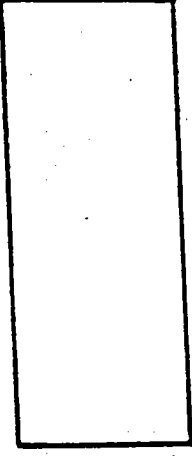
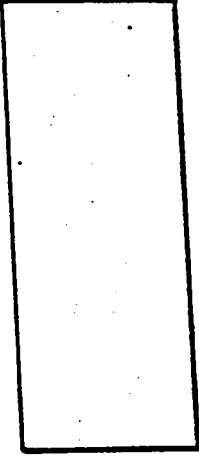
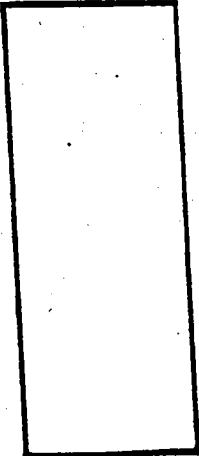
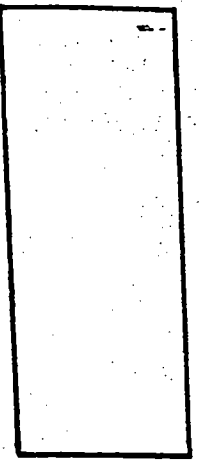
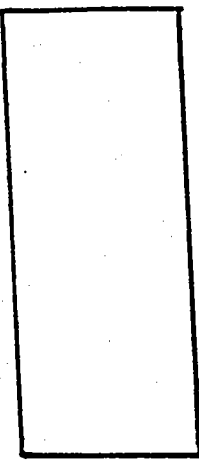
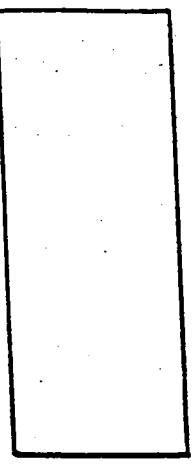
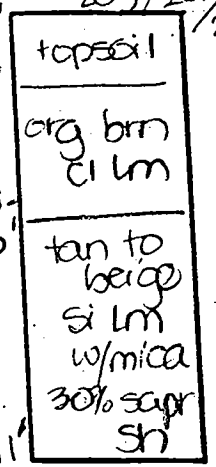
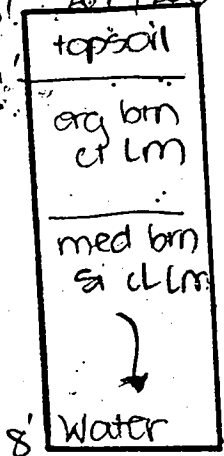
TYPE OF SOIL _____

TESTED BY D. Soe ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

SOIL PROFILE



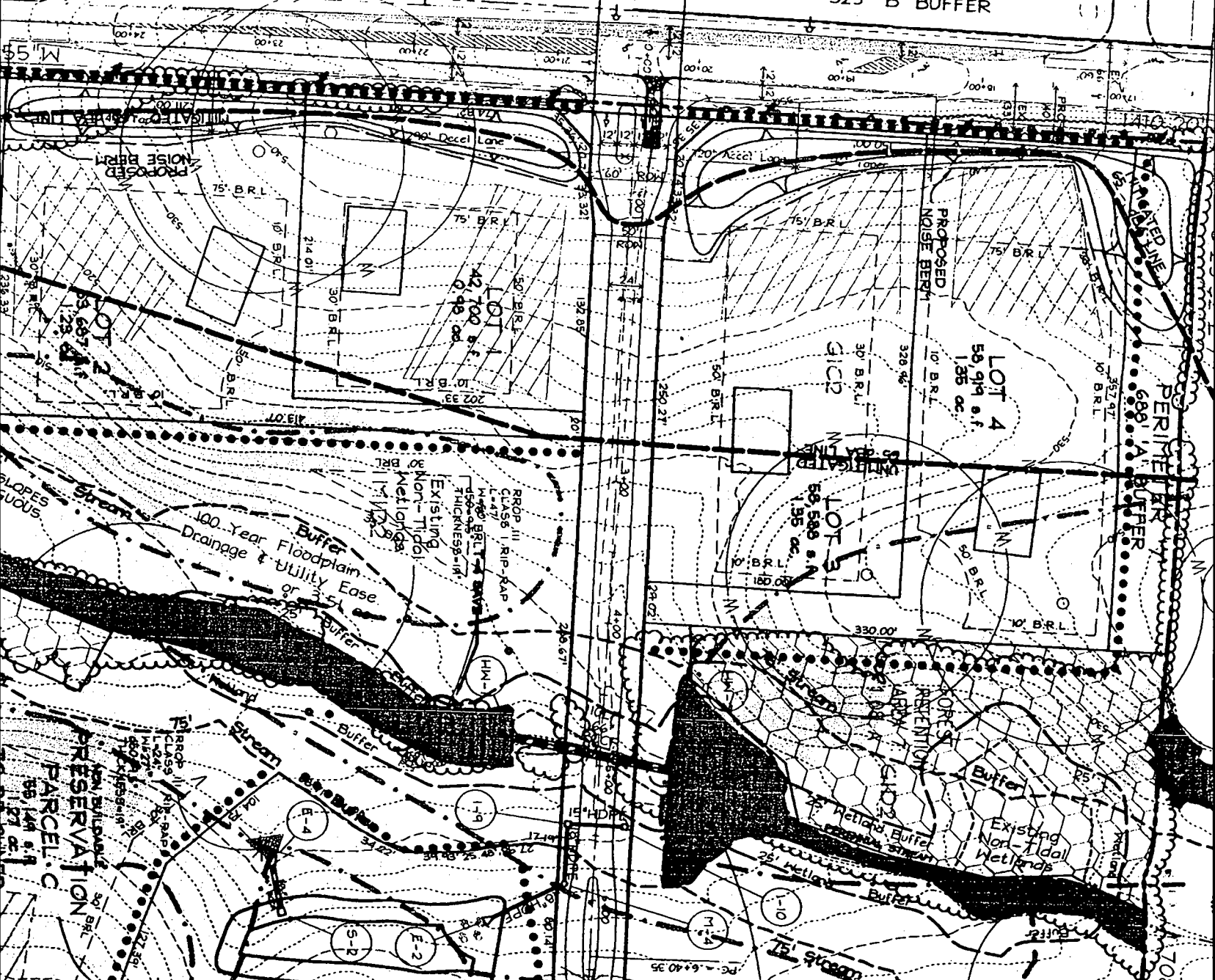
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-1-99	207	8.0' D	Water	-see	profile		FAIL
	206	7.5' D	Water	-see	profile		FAIL
	205	2.5' S	11:59	11:59 ₃	11:59 ₃	12:01	2
		11.0' D	Visual	-see	profile		OK
	204	3.0' S	12:00	12:00 ₃	12:00 ₃	12:02	2
		11.5' D	Visual	-see	profile		OK
	200	3.0' S	12:04	12:06	12:06	12:09	3
		11.5' D	Visual	-see	profile		OK
	201	3.0' S	12:09	12:10	12:10	12:12	2
		11.5' D	Visual	-see	profile		OK

VEHICULAR INGRESS & EGRESS
IS RESTRICTED

VEHICULAR INGRESS
IS RESTRICTED
& EGRESS

PERIMETER '1'
411' 'B' BUFFER

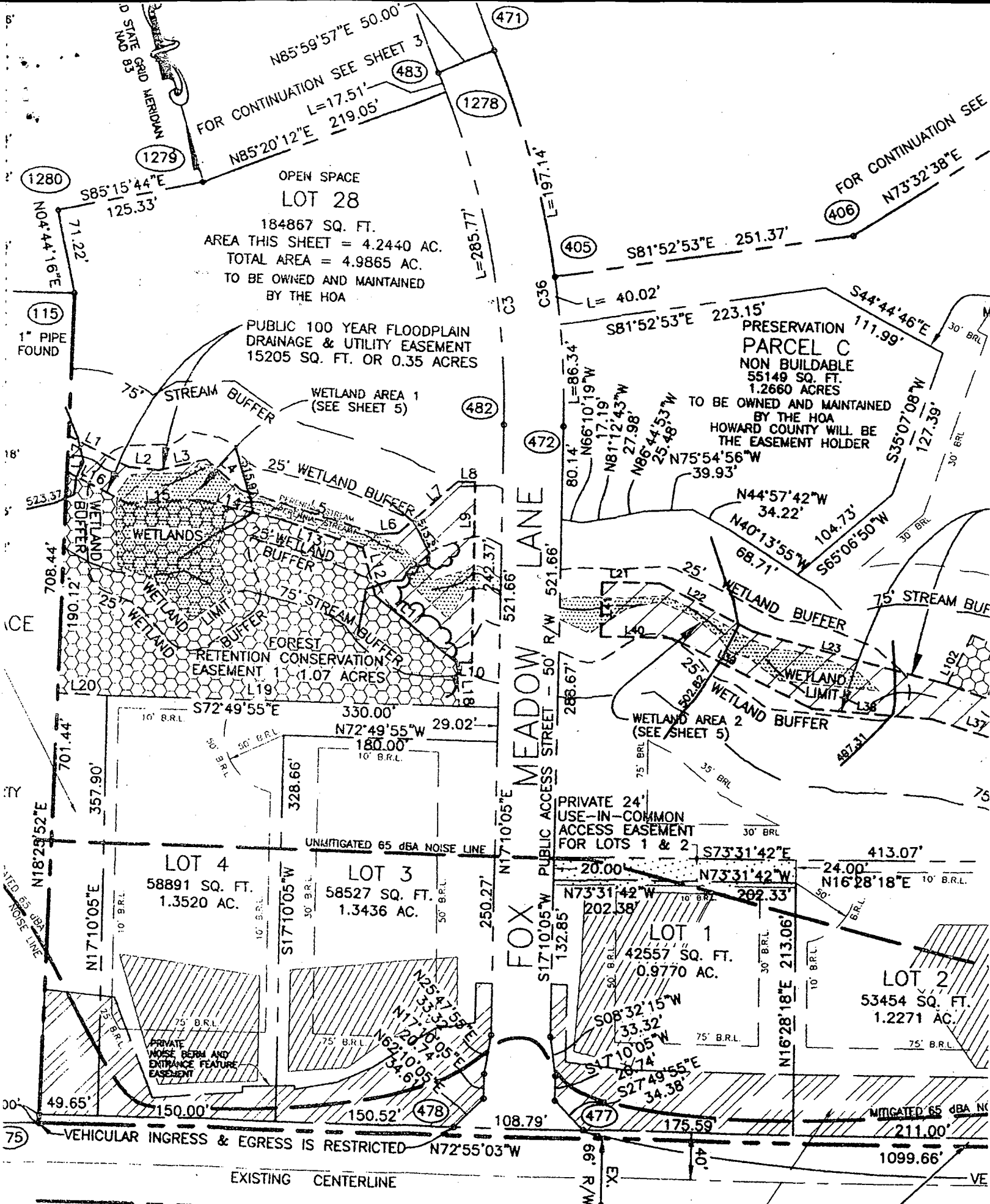
PERIMETER '2'
325' 'B' BUFFER



PARCEL C
PRESERVATION

PERIMETER 'A'
688' 'B' BUFFER

708



OPEN SPACE
LOT 28
 184867 SQ. FT.
 AREA THIS SHEET = 4.2440 AC.
 TOTAL AREA = 4.9865 AC.
 TO BE OWNED AND MAINTAINED
 BY THE HOA

**PRESERVATION
 PARCEL C**
 NON BUILDABLE
 55149 SQ. FT.
 1.2660 ACRES
 TO BE OWNED AND MAINTAINED
 BY THE HOA
 HOWARD COUNTY WILL BE
 THE EASEMENT HOLDER

LOT 4
 58891 SQ. FT.
 1.3520 AC.

LOT 3
 58527 SQ. FT.
 1.3436 AC.

LOT 1
 42557 SQ. FT.
 0.9770 AC.

LOT 2
 53454 SQ. FT.
 1.2271 AC.

F-01-163

PRIVATE NOISE BERM AND ENTRANCE FEATURE
 EASEMENT - SEE SHEET 5 OF 5
 FOR BEARINGS & DISTANCES

LAND DEDICATED
 FOR THE PURCHASE
 AREA = 8635

002

Frederick Ward

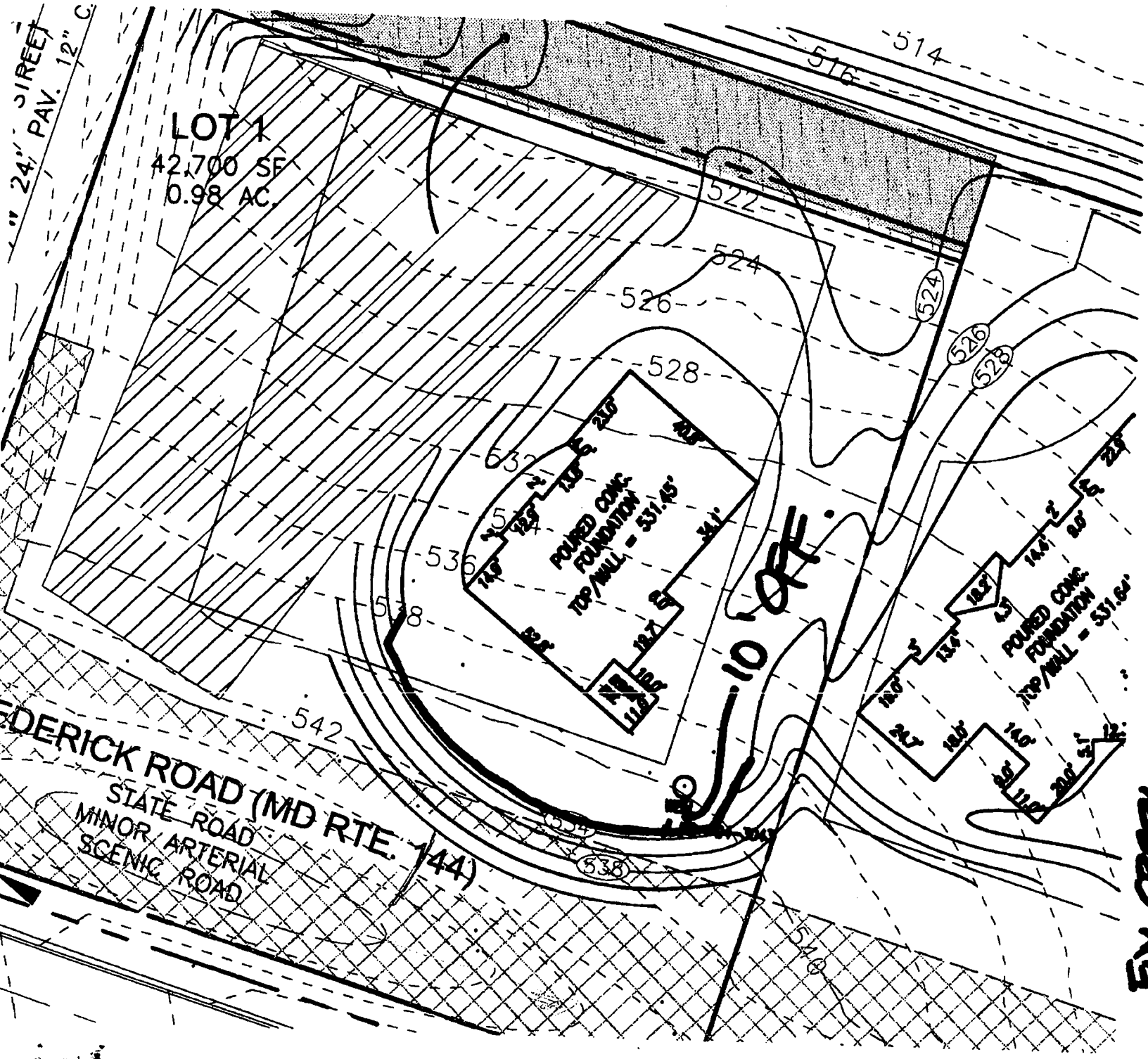
10/30/03 THU 12:21 FAX 4107208228

24' PAV. 12" C

LOT 1

42,700 SF
0.98 AC.

FREDERICK ROAD (MD RTE. 144)
STATE ROAD
MINOR ARTERIAL
SCENIC ROAD



FOX CREEK
LOT 1

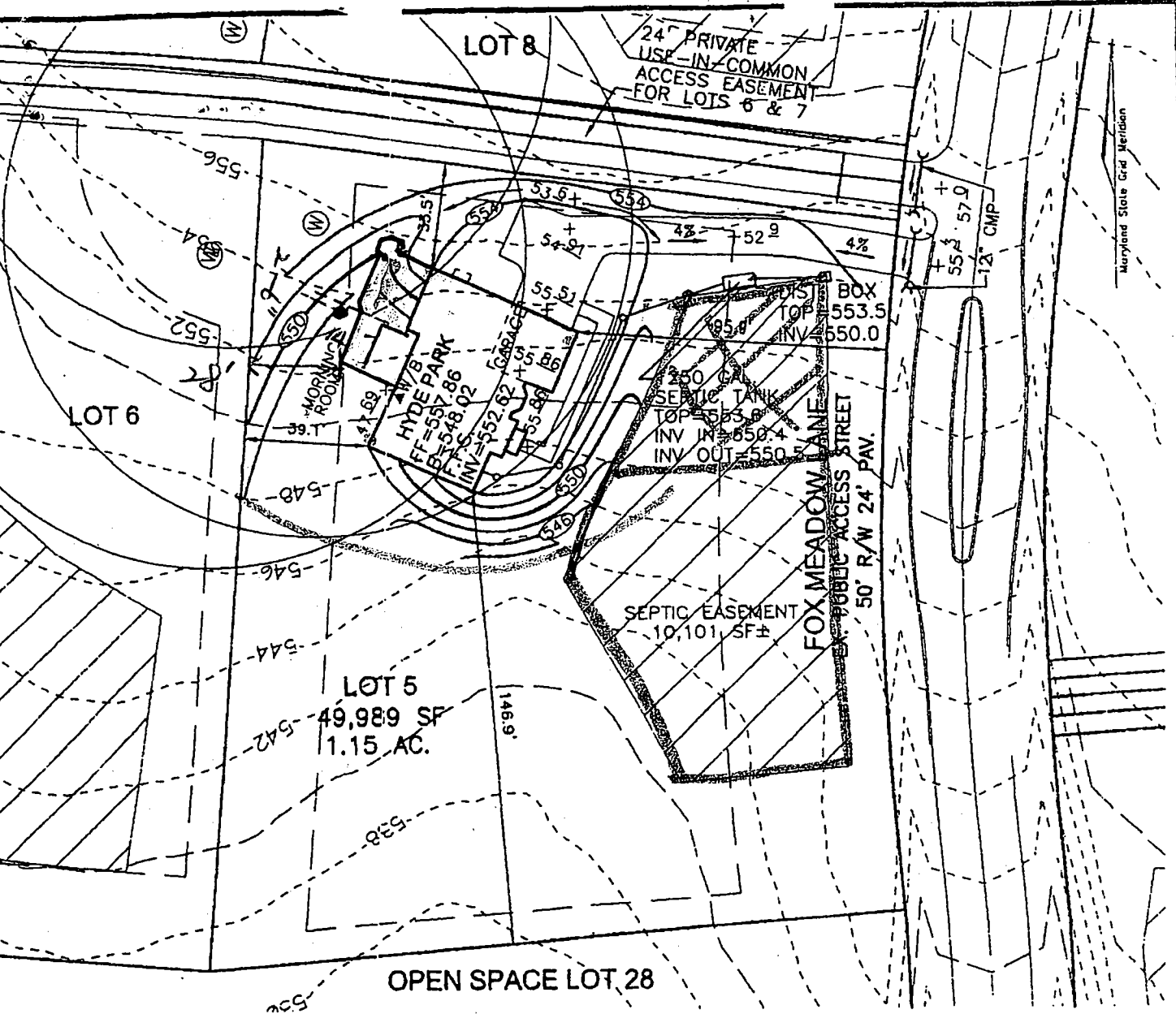
1" = 30'

10/30/03-

Proposed Retaining Wall

10' from existing well.

Adequate access exists. (SRK)



OK 8-14-02

Chas J. P...

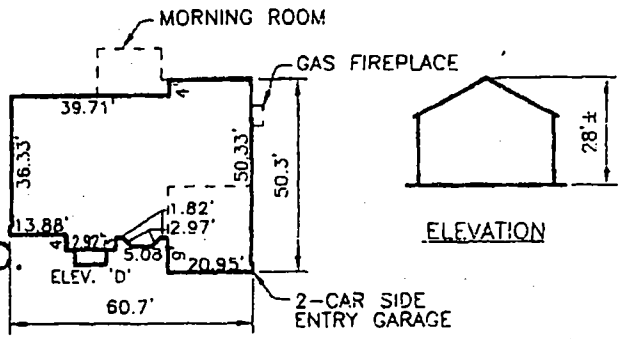
10/06/2002 HYDE PARK

Sanjiv...



FREDERICK WARD ASSOCIATES, INC.

ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
 ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6228
 SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia PLAN VIEW



SCALE 1"=50'
 DRAWN BY CMH
 CHECKED BY JCO
 DATE JULY 2002
 W. O. # 2019035.00
 SHEET # 1 OF 1

NVHomes

FOX CREEK SUBDIVISION

LOT 5

800 146 826

TAX MAP 15 BLOCKS 12 & 18
 TAX MAP BLOCKS 7 & 13
 3RD ELECTION DISTRICT

PARCEL '183'
 HOWARD COUNTY, MARYLAND

3/18/04 8' distance from well to deck granted
 (KN) (SB ok'd closer dist. on 3/17/04)

Health Dept

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
FALLS CHURCH, VA 22043
PERMITS (410) 313-2446 INSPECTIONS (410) 313-1810
AUTOMATED INFORMATION (410) 313-3900

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

300146826

Building Address 12325 FOX MEADOW LN
WEST FRIENDSHIP MD 21794
Suite/Apt. #: _____ SDP/WP/Petition #: _____
Census Tract _____ Subdivision FOX CREEK
Section _____ Area _____ Lot 25
Tax Map _____ Parcel _____ Grid _____
Zoning _____ Map Coordinates _____ Lot size _____

Property Owner's Name Chang JIN park
Address 12325 FOX MEADOW LN
City WEST FRIENDSHIP State MD Zip Code 21794
Home Phone 443 562 0291 Work Phone _____
Applicant's Name & Mailing Address, (if other than stated hereon): _____

Existing Use 610 SF
Proposed Use _____
Estimated Construction Cost \$ 6,000.00
Description of Work Deck on Roof of House
22' 3/4" x 20' w/ 5 steps
39' 2" 2x4 Joist Spacing

Contractor Company CHA INTERIOR
Contact Person Eun w cha
Address 5682 Stevens forest Rd #46
City Columbia State MD Zip Code 21045
License No. _____
Phone 443 858 9961 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 DESCRIPTION - RESIDENTIAL

Building Characteristics

Utilities

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

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 Characteristics

Utilities

SF Dwelling SF Townhouse
Depth _____ Width _____
1st floor: _____
2nd floor: _____
Basement: _____
Finished Basement Unfinished Basement
Crawl space Slab on Grade
No. of Bedrooms _____
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

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

Cha E G
Applicant's Signature
Title/Company _____

Eun w cha
Print Name
3-17-04
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 3/17/04 _____
Dev. Engineering, DPZ _____
Health 3-18-04 KN Per paper _____
Fire Protection _____

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 New Town Zone _____
SDP/Red-line approval date _____

PROPERTY ID# 56738
Filing fee \$ _____
Permit fee \$ 50
Excise tax \$ _____
Add'l per. fee \$ 5
TOTAL FEES \$ 55
Sub-total paid \$ _____
Balance due \$ _____
Check # 1290
Validation # _____

Is Sediment Control approval required prior to issuance?
YES NO
CONTINGENCY CONSTRUCTION START:
ONE STOP SHOP:

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