

FA (KN) 10/14/03
OK on
wall
check

LAYOUT 10/23/03 11AM INSP 4 _____
INSP 2 10/24/03 Late INSP 5 _____
INSP 3 11/18/03 12pm INSP 6 _____

ISSUE DATE: 10/14/03
APPROVAL DATE: 11/18/03

PERMIT INDEXED

P 519618
A 511334-c

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

04-364813

Fogles Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Sollers Property LOT NUMBER: 1

ADDRESS: 17270 Old Frederick Road PROPERTY OWNER: Daryl & Helen Stinett

SEPTIC TANK CAPACITY (GALLONS): 1000 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 135 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 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. 2.0 feet of stone below distribution pipe.
LOCATION:	Trench location to be determined at ththe time of layout.
NOTES:	<u>Run 4-60' long trenches. Place d. box at top of SDA in middle.</u>

PLANS APPROVED: Stuart Oster (FA) DATE: 7/25/03

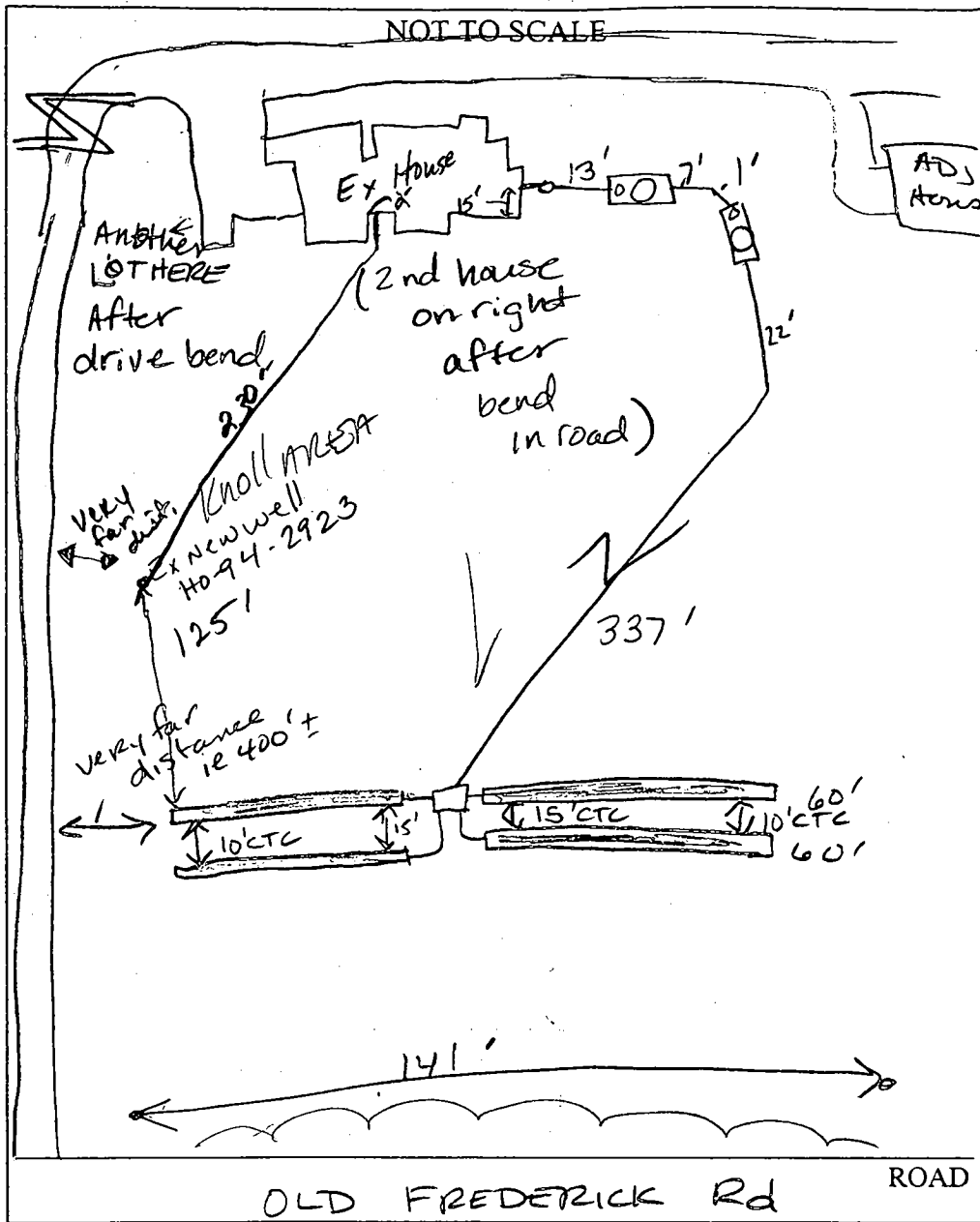
NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND 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 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMIT SIGNED AND RETURNED
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

10-17-03 BOD 144538-46 PROPRANE TANK

A 511334-c



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4	6
NUMBER OF TRENCHES		4
TOTAL LENGTH		240'
ABSORPTION AREA		720 ft ²
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
CAPACITY	1250 GAL
SEAM LOC	TOP
TANK LID DEPTH	18"
BAFFLES	yes
BAFFLE FILTER	NO
MANHOLE LOC	mid
6" PORT LOC	front
WATERTIGHT TEST	NO
SEPTIC TANK 2 LEVEL	yes
CAPACITY	1250 GAL
SEAM LOC	TOP
TANK LID DEPTH	18"
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	mid
6" PORT LOC	front
WATERTIGHT TEST	NO

PRE-CONSTRUCTION 10/23/03 Topo accurate MEASURED SDA IN Field from well. OK to begin 4 trenches 10' CTC.

INSTALLATION 10/24/03 TRENCHES INSTALLED ON CONTOUR, D. box with port. 125' from well is the closest trench.

pressure line & tanks in - OK TO COVER ALL WORK. NEEDS Pump test. (KN) 11/18/03 - Pump & Absorp tests OK (SO)

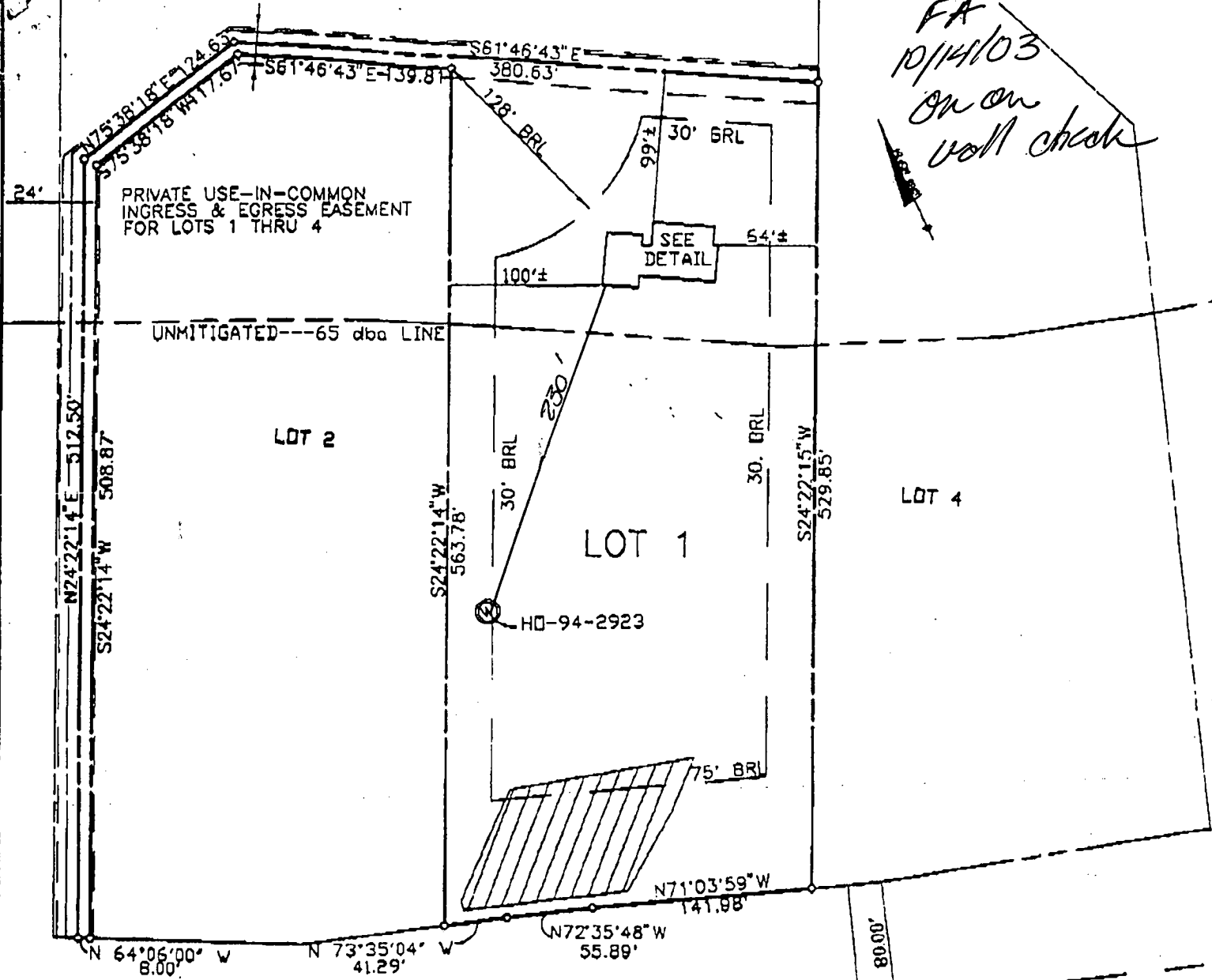
EMERGENCY SERVICE
AND RETURNED

FINAL INSPECTOR [Signature] DATE OF APPROVAL 11/18/03

PRIVATE USE-IN-COMMON INGRESS & EGRESS EASEMENT FOR LOTS 1 THROUGH 4; MAINTENANCE ADREEMENT RECORDED IN LAND RECORDS OF HOWARD COUNTY.

LOT 3

*FA
10/14/03
on on
wall check*



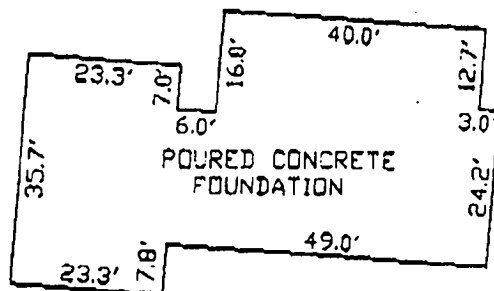
CENTERLINE OF RIGHT-OF-WAY
(TRANSFERRED TO HOWARD COUNTY - L.1092 F.486)
OLD FREDERICK ROAD
(MAJOR COLLECTOR)

TOP OF FOUNDATION WALL ELEVATION = 706.9'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

(S.R.C. PLAT #40834&40839) (VARIABLE WIDTH RIGHT-OF-WAY)
EDGE OF RIGHT-OF WAY LINE AS SHOWN ON SRC PLATS

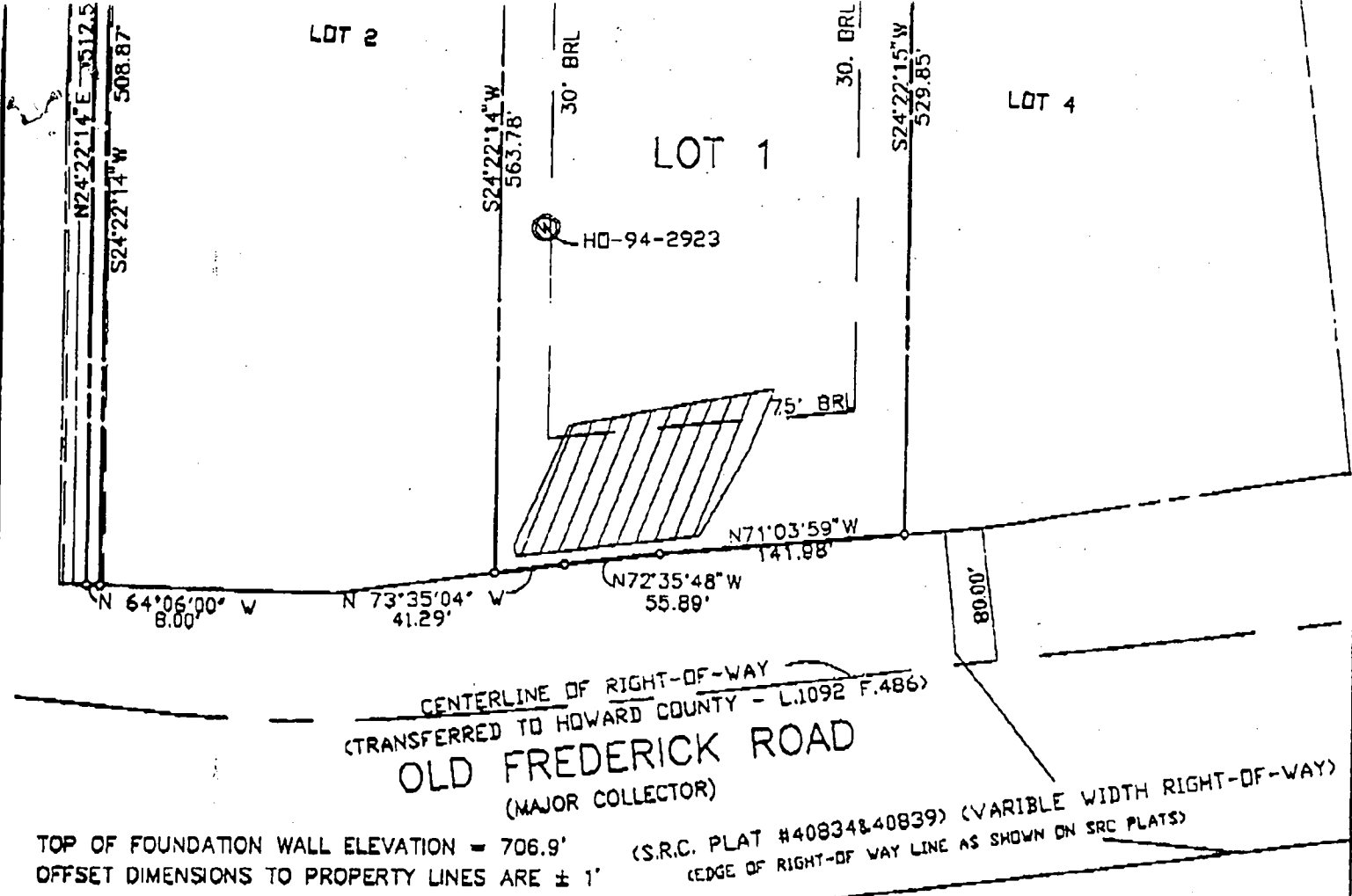
SURVEYOR'S CERTIFICATE

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 08/15/03; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY VANMAR ASSOCIATES, INC. ENTITLED "SOLLERS SUBDIVISION LOTS 1 THRU 4", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.14313



FOUNDATION DETAIL

David M. Davis



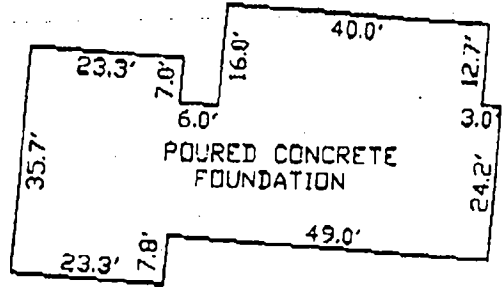
CENTERLINE OF RIGHT-OF-WAY
 (TRANSFERRED TO HOWARD COUNTY - L.1092 F.486)
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 (EDGE OF RIGHT-OF WAY LINE AS SHOWN ON SRC PLATS)

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FOUNDATION DETAIL

SCALE: 1" = 30'

WALL CHECK

**SOLLERS SUBDIVISION
 LOTS 1 THRU 4**

LOT No. 1

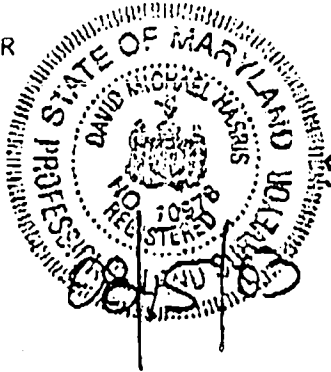
17270 N. FREDERICK ROAD

4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 100' DATE: 08/15/03

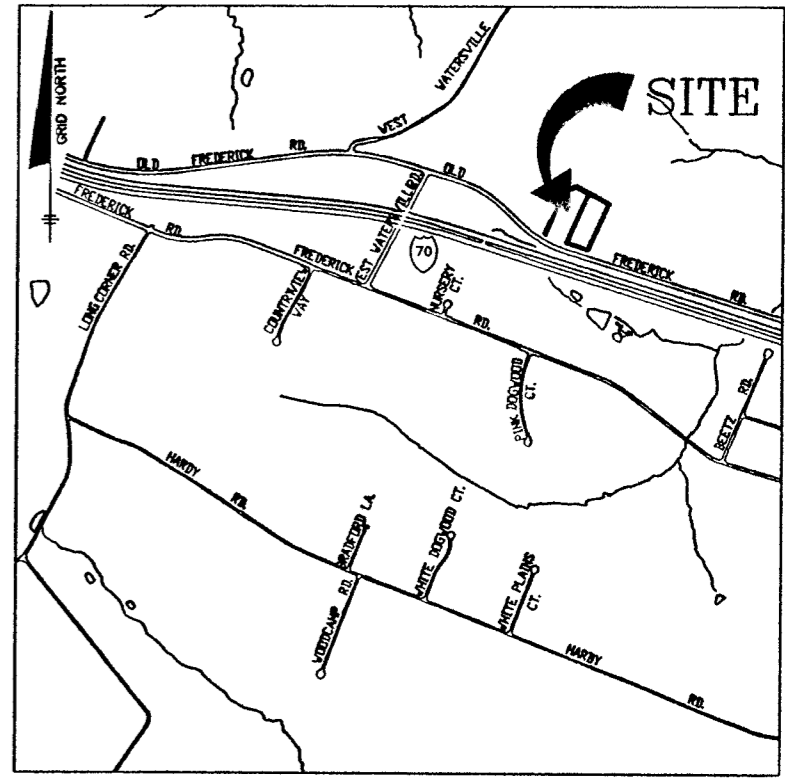
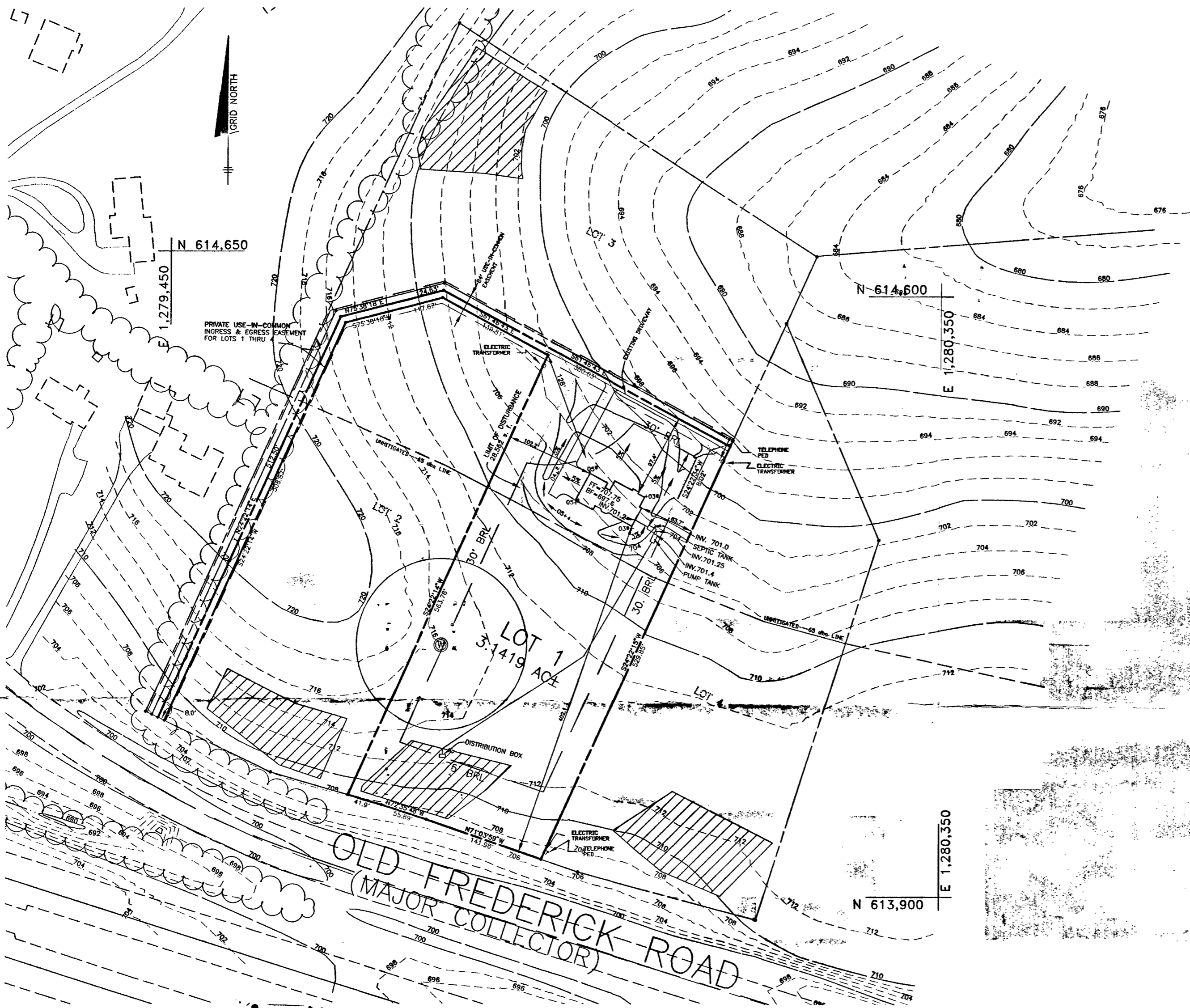
David M. Harris

DAVID M. HARRIS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MD REG. No. 10878
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 RECORD PLAT No. 14313
 FEMA FIRM No. 240044 0007 B
 ZONE: C
 DATED: 12/04/88



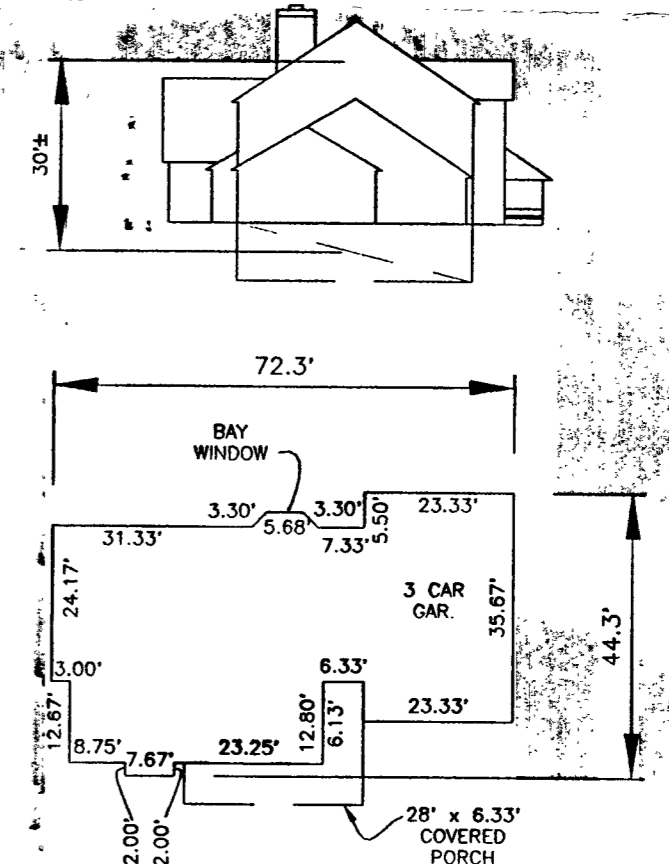
**BENCHMARK
 ENGINEERING, INC.**

8489 BALTIMORE NATIONAL PIKE A SUITE 118
 ELICOTT CITY, MARYLAND 21043
 PHONE 410-465-8100 • FAX 410-465-6644
 EMAIL: benchmark@beng.com



VICINITY MAP
SCALE: 1" = 2000'

NOTES:
1. THE TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY BENCHMARK ENGINEERING INC. DATED JUNE, 2003 AND CONSISTS OF TWO FOOT CONTOUR INTERVALS.

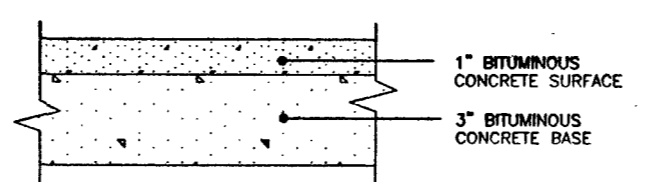


FOOTPRINT
SCALE: 1" = 30'

Approved Septic System Plan
Howard County Health Department
PLAN
SCALE: 1" = 100'

Signature
Signature
7/25/03
Date

ADDRESS CHART	
LOT No.	ADDRESS
1	17270 N. OLD FREDERICK ROAD



P-1 PAVING DETAIL
NOT TO SCALE

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
DEVELOPER/BUILDER:
JST BUILDERS
6030 DAYBREAK CIRCLE
SUITE 150, BOX 146
CLARKSVILLE, MD 21029
410-884-0334

PROJECT: SOLLERS SUBDIVISION LOT 1	
LOCATION: TAX MAP 2, GRID 20 - PARCEL (FORMERLY) P/O 12 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: PLOT PLAN	
HOUSE TYPE: STINNETT RESIDENCE	
DATE: JULY, 2003	PROJECT NO. 1671
SCALE: AS SHOWN	DRAWING 1 OF 1

11-18-03
Revised
11/25/03

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: Foote Well Drilling Telephone #: 410-795-5170
Address: 5800 Corporate Rd
Sylesville Indiana 47584

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD 009

*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: JST Builders Telephone #: _____
Subdivision: Sollers Property Lot #: 1 Well Tag #: HO-94-2923
Site Address: 17270 Old Frederick Rd

Submersible Pump Data

Make: Grundfos
Model #: 95B05422
Pump Capacity: 7 GPM
Well Yield: 1.3 GPM

Pitless Adapter

Make: Coughlin
Model#: N/A
Depth: 36 (36" min)
NSF approved: yes

Well Cap and Electric Conduit

Two piece watertight cap: yes
Screened, vented well cap: yes
Cap secured to casing: yes
Conduit min 18" B.G.: yes
Conduit secured to well cap: yes

Depth of well encountered at time of pump installation: 200 (feet)
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 N/A

Piping to house

Type: 1" Black Plastic
PSI: 160 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: yes
Approximate length of sleeve: 5
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: Allen Compton date: 11-17-03

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

Date Insp. Requested: 10/31/03 Date Insp. Approved: 10/31/03 SRK

- 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 0243

SEQUENCE NO. (MDE USE ONLY)

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

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

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

COUNTY NUMBER 13 ON SRV 9/3/01

DATE RECEIVED MM 02 DD 07 YY 2001

DATE WELL COMPLETED MM 02 DD 07 YY 2001

DEPTH OF WELL 22 200 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94-2923

OWNER: Alien, STREET OR RFD: Old Frederick Rd, TOWN: Mt. Airy, SUBDIVISION: Sellers Property, SECTION: , LOT: 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Blue Shale, and water at 75', 95' & 110'.

GROUTING RECORD section including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (11), NO. OF POUNDS (180), GALLONS OF WATER (66), DEPTH OF GROUT SEAL (0 to 47 ft).

CASING RECORD section including: casing types (ST, CO, PL, OT), MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (62).

OTHER CASING (if used) section with fields for diameter and depth.

SCREEN RECORD section including: screen type (ST, BR, HO, PL, OT), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED: Y (yes), N (no)

- CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted to production)

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 399, DRILLERS SIGNATURE: Paul M. [Signature]

LIC. NO. 1 JS D048, SIGNATURE: Mandy Dancy

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

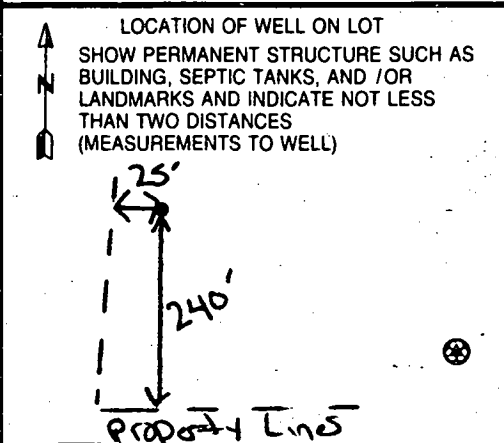
DEPTH (nearest ft.) table with rows for casing height and slot size.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) section with fields for T, W, Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST section including: HOURS PUMPED (3), PUMPING RATE (13.04 gal. per min.), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (32 ft. before, 60 ft. when pumping), TYPE OF PUMP USED (S submersible).

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



B 1 0048

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2923

fill in this form completely

W514704 please print or type

Date Received (APA)

12/8/00

OWNER INFORMATION

Alteri Homes, 9017 Red Branch Road, Columbia MD 21045

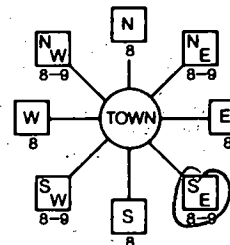
LOCATION OF WELL

Howard COUNTY, Sillers Subdivision Property, Mt. Airy NEAREST TOWN, 2 MILES FROM TOWN

DRILLER INFORMATION

Paul M. Fabiszak, G. Edgar Harr Sons' Corp., 12047 Falls Road, Cockeysville 21030

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Old Frederick Road, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD 300 FT

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 750 GAL. PER DAY

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 COUNTY NAME, 13 COUNTY NO, DATE ISSUED 01/22/01, CO SIGNATURE, NORTH GRID 554000, EAST GRID 0767000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH, NEAREST TOWN

METHOD OF DRILLING (circle one)

- BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTARY, AIR-PERCussion, ROTARY (Hydraulic Rotary), CABLE, REVerse-ROTary, Drive-POINT

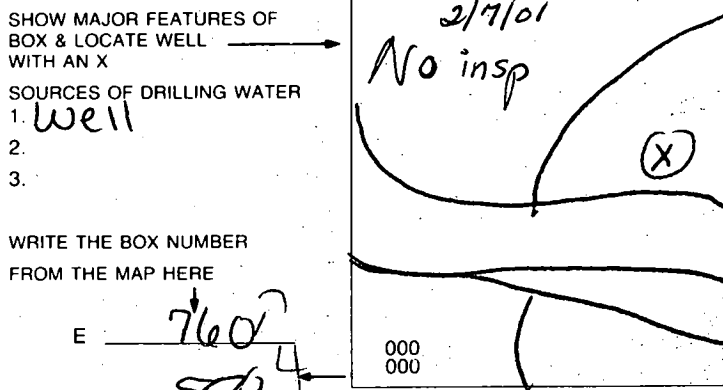
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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 DEEPEM AN EXISTING WELL

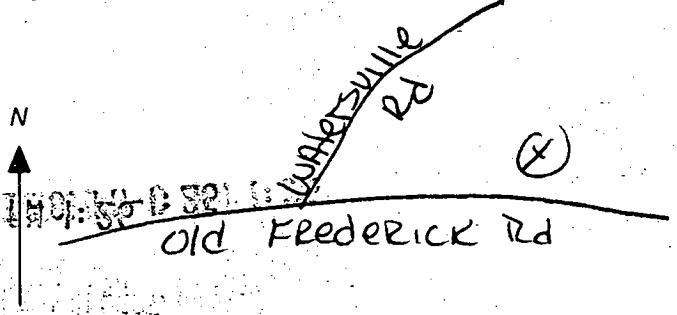
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER, PERMIT No HO-94-2923

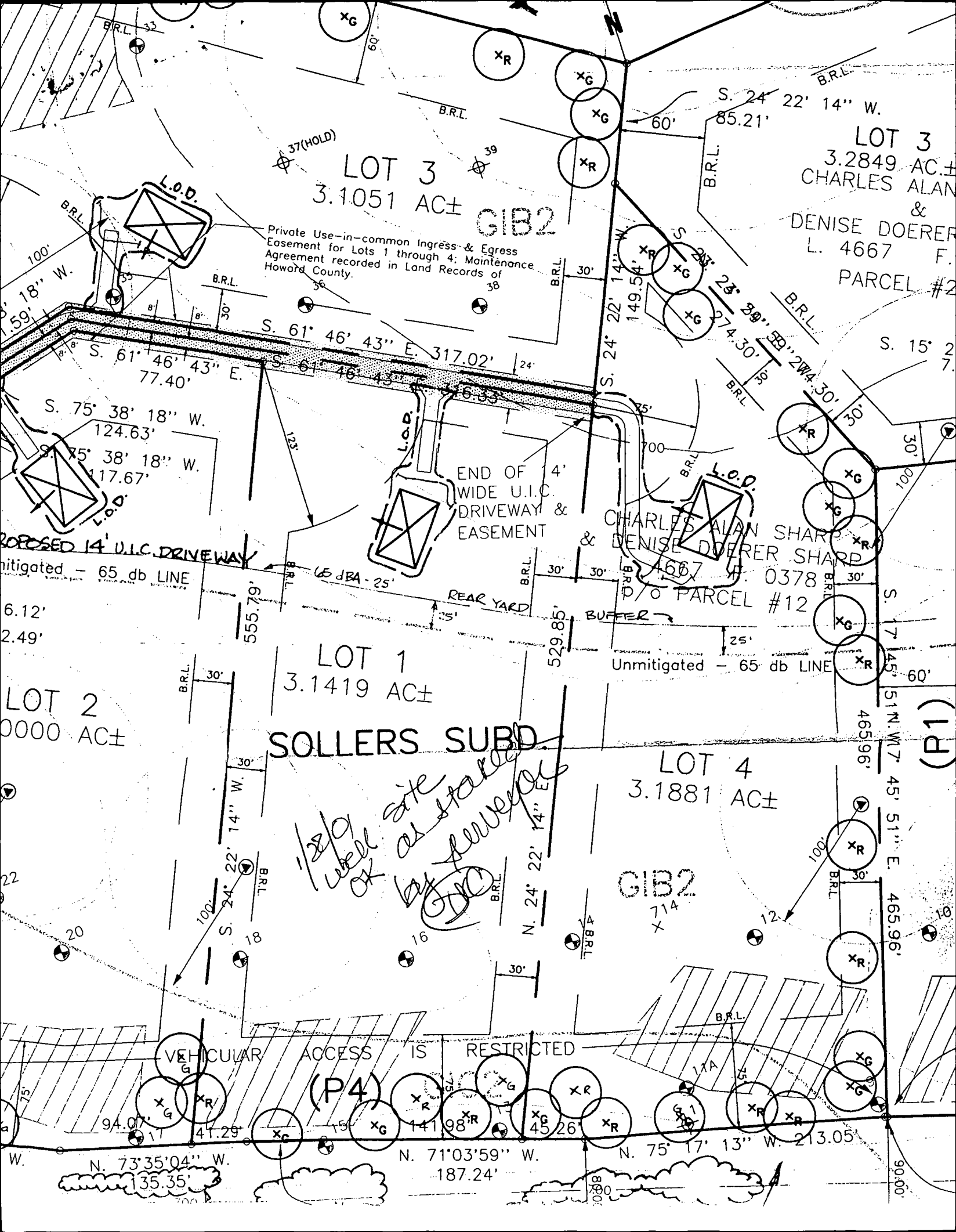


DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



LOT 3
3.1051 AC±
GIB2

LOT 3
3.2849 AC±
CHARLES ALAN
&
DENISE DOERER
L. 4667 F.
PARCEL #2

Private Use-in-common Ingress- & Egress
Easement for Lots 1 through 4; Maintenance
Agreement recorded in Land Records of
Howard County.

END OF 4'
WIDE U.I.C.
DRIVEWAY &
EASEMENT

CHARLES ALAN SHARP
& DENISE DOERER SHARP
L. 4667 F. 0378
P/O PARCEL #12

LOT 1
3.1419 AC±

LOT 4
3.1881 AC±

SOLLERS SUBD.

GIB2
714
+

12/19 well site at Sollers by Powerline

VEHICULAR ACCESS IS RESTRICTED

(P4)

N. 73°35'04" W.
35.35'

N. 71°03'59" W.
187.24'

N. 75°17'13" W. 213.05'

90.00'

JAN 12-15 1999

APPLICATION

PERCOLATION TESTING

A 511334

P _____

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

PERVIEW OK
10 15 LOTS
ALL GLE 66 S.D.S.
IF SUCCESSFUL, WOULD
NEGATE TWO PREVIOUSLY
APPROVED PERCS
(SITE A & B) APPROVED 8/31/98

DISTRICT _____

DATE 1/5/99

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 CORDE LIA SOLLERS

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER CHUCK SHARP

ADDRESS ~~223~~ 3737 SHARP ROAD PHONE 410 489 4630

GLENWOOD MD 21738

PROPERTY LOCATION:

SUBDIVISION HAY MEADOW BRANCH LOT NO. (NEAR TO STIRN FARM) 1

ROAD AND DESCRIPTION 17250 OLD FREDERICK ROAD MT AIRY

TAX MAP _____ PARCEL # L 104 F396

SIZE OF LOT 1 ac. (40,000 To 60,000) +/- 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. CA 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

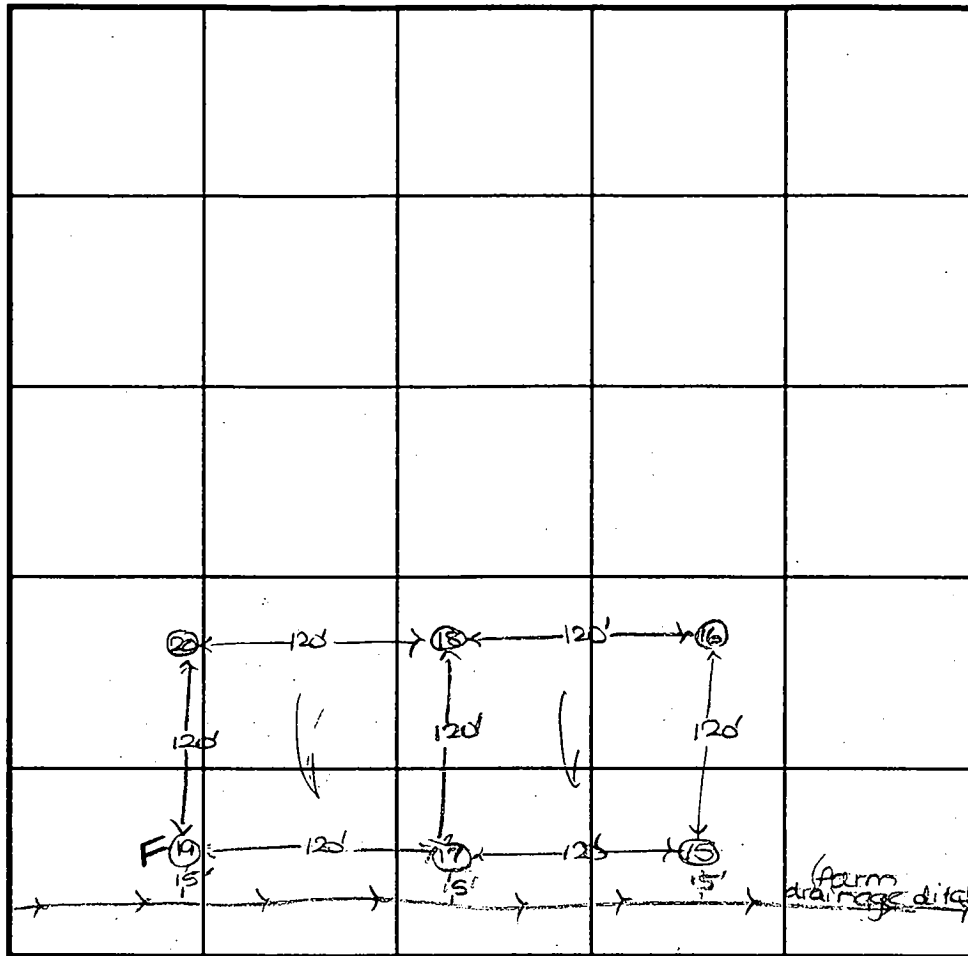
COUNTY #

SOIL PROFILE

0' (15)
 topsoil
 1' org brn cl Lm
 4'-4.5' pale org red tan si Lm
 13' 25-30% shale frag

0' (17)
 topsoil
 1' red brn cl Lm
 3.5' pale org beige si Lm
 13' 20-25% rock frag

0' (20)
 topsoil
 1' red org brn cl Lm
 3.5' 4' pale org beige si Lm w/frag
 12' 30%+ shale frag



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (19)
 topsoil
 1' red brn cl Lm
 3.5' 4' beige si Lm w/some frag 35%+
 8' >50% shale
 12' (18)
 topsoil
 1' red org brn cl Lm
 3' 3.5' pale red tan si Lm w/frag 30%+
 13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-12-99	15	4.0'S	12:14	little slow			OK below
		13.0'D	visual	- See profile			OK
	17	4.5'S	11:27	11:31	11:31	11:35	4
		13.0'D	visual	- see profile			OK
	19	4.0'S	11:29	11:33	11:33	11:39	6
		12.0'D	visual	- See profile			FAIL
	20	3.5'S	11:30	11:40	11:40	11:51	11
		12.0'D	visual	- See profile			OK
	18	4.0'S	11:45	11:47	11:47	11:51	4
		13.0'D	visual	- See profile			OK

REMARKS holes staked by C. Sharp - measurements approx.

TYPE OF SOIL - SHALLOW SYSTEM ONLY -

TESTED BY D. SOE ALSO PRESENT C. Sharp, M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6+ TRENCH WIDTH 3

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 180

COUNTY #

SOIL PROFILE

(11) F

0' topsoil

1' red brn cl Lm

5' tan to pale pk brn si Lm w/frag

7.6' >50% shale frag

(13)

0' topsoil

1' red brn cl Lm

1+ brn si Lm w/frag

30% shale frag

(12)

0' topsoil

org red brn cl Lm

4' pale org tan si Lm w/frag

25-30% shale frag

SOIL PROFILE

(14)

0' topsoil

1' org brn cl Lm

3.5' pale org brn si Lm w/frag

12' 30%+ shale frag

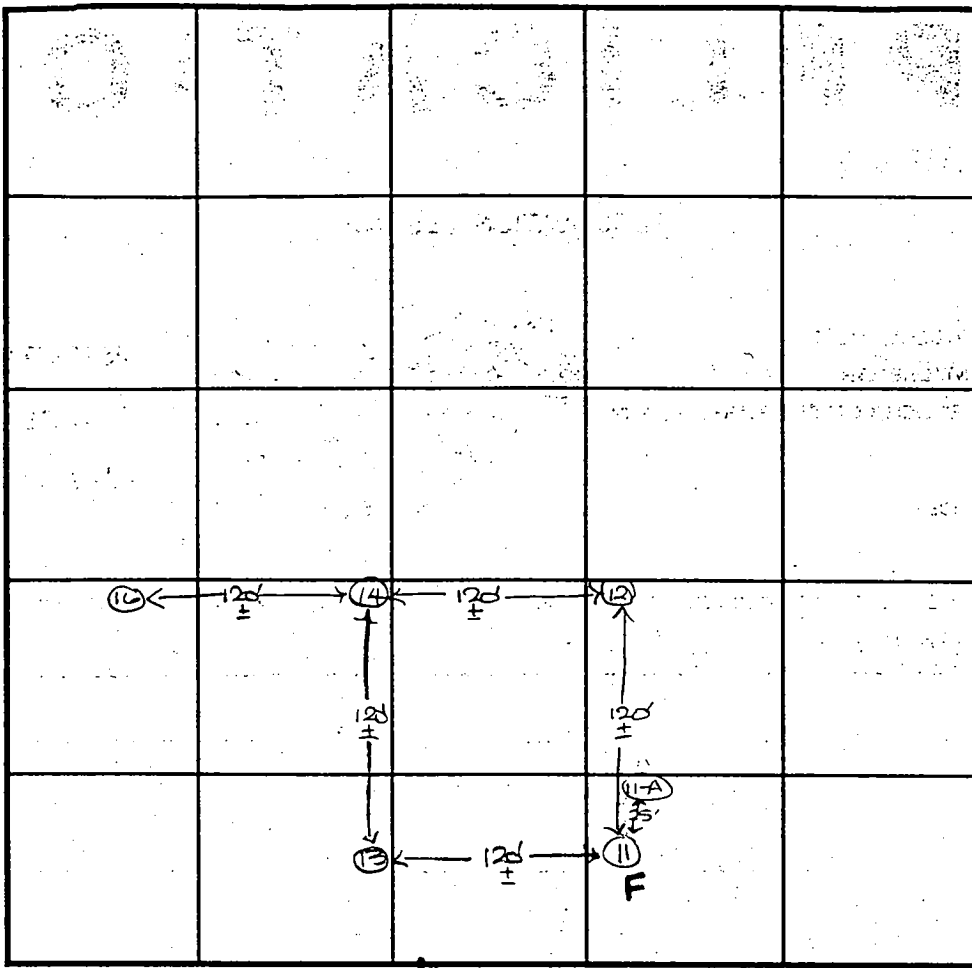
(16)

0' topsoil

1' org red brn cl Lm

3.5' pale org brn si Lm

9' 75% rock



INDICATE NORTH - NAME ~~ADJOINING~~ ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-12-99	11	4.5'S	11:24	11:41	11:41	slow	FAIL
		12.0'D	Visual	- See profile			FAIL
	13	4.5'S	11:36	11:52	11:52	12:11	19
		13.0'D	Visual	- See profile			OK
	12	4.5'S	11:43	11:48	11:48	11:55	7
		12.5'D	Visual	- see profile			OK
	14	4.0'S	11:57	12:01	12:01	12:07	6
		12.0'D	Visual	- See profile			OK
	16	4.0'S	12:08	12:13	12:13	12:20	7
		10.5'D	Visual	- See profile			OK

REMARKS holes staked by C. Sharp - measurements appx

TYPE OF SOIL - SHALLOW SYSTEM ONLY -

TESTED BY C. Sharp ALSO PRESENT C. Sharp, M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 TRENCH WIDTH 3

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 210

CHARLES ALAN SHARP & DENISE DOERER SHARP
N/F L. 4276 F. 0672

S. 24° 22' 14" W.
85.21'

CHARLES ALAN SHARP
&
DENISE DOERER SHARP
L. 4667 F. 039

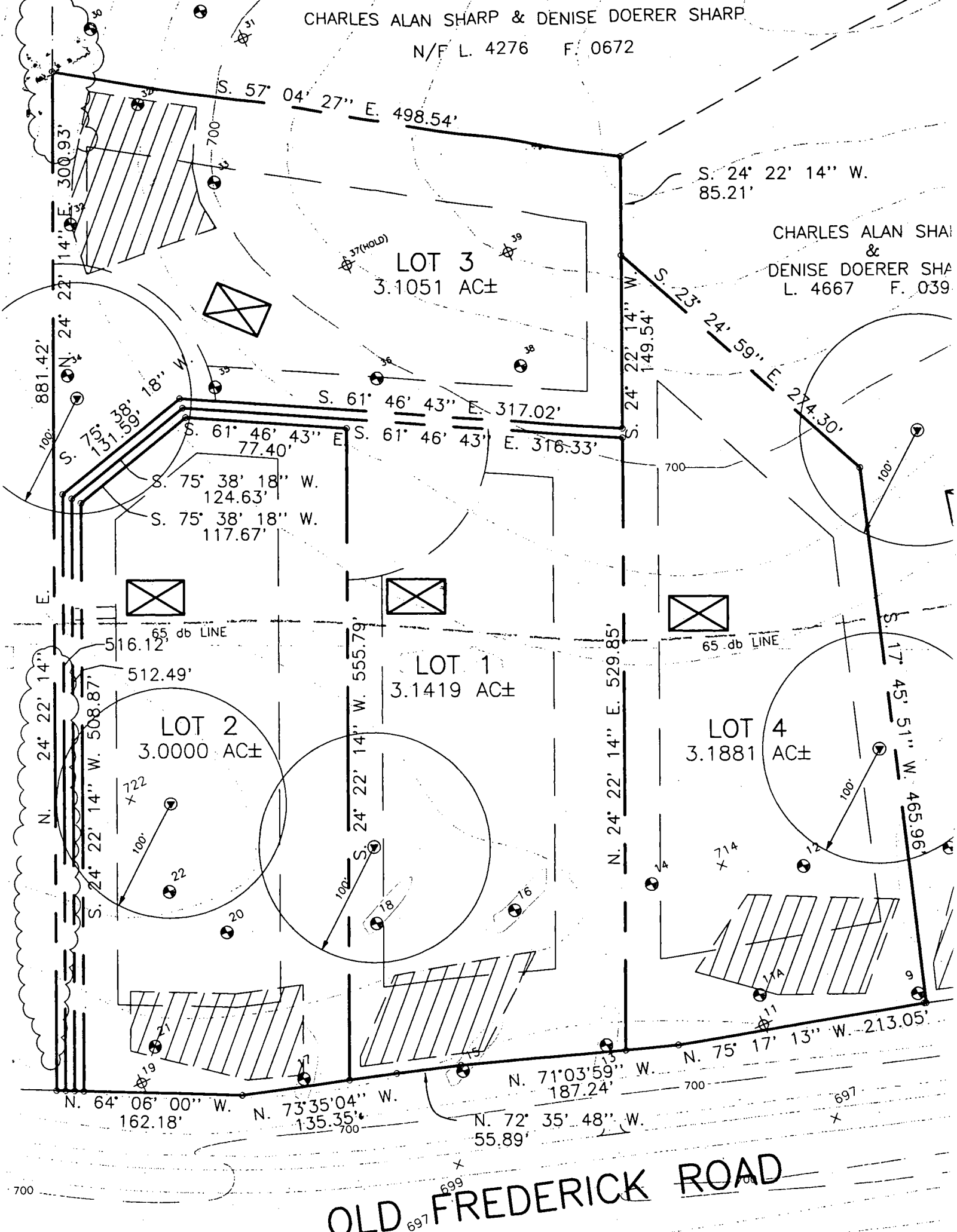
LOT 3
3.1051 AC±

LOT 1
3.1419 AC±

LOT 2
3.0000 AC±

LOT 4
3.1881 AC±

OLD FREDERICK ROAD



L. 4667 F. 0427
PARCEL #247

S. 57° 04' 27" E. 498.54'

1422

S. 24° 22' 14" W. 85.21'

1423

CHARLES ALAN SHARF
&
DENISE DOERER SHARF
L. 4667 F. 0394
PARCEL #240

LOT 3
3.1051 AC±

Private Use-in-common Ingress & Egress
Easement for Lots 1 through 4; Maintenance
Agreement recorded in Land Records of
Howard County.

234.75'

S. 24° 22' 14" W. 149.54'

S. 23° 24' 59" E. 274.30'

1424

881.42'
S. 75° 38' 18" W. 131.59'
S. 61° 46' 43" E. 139.81'
S. 75° 38' 18" W. 124.63'
S. 75° 38' 18" W. 117.67'

S. 61° 46' 43" E. 383.21'
S. 61° 46' 43" E. 380.63'

S. 24° 22' 14" W. 149.54'

STIR

Unmitigated - 65 dba LINE
(See Note #17)

516.12'
512.49'

LOT 1
3.1419 AC±

(See Note #17)
Unmitigated - 65 dba LINE

LOT 2
3.0000 AC±

LOT 4
3.1881 AC±

24° 22' 14" N.
508.87'

S. 24° 22' 14" W. 563.78'

N. 24° 22' 14" E. 529.85'

S. 17° 45' 51" W. 465.96'

S. 24° 22' 14" W. 508.87'

VEHICULAR ACCESS IS RESTRICTED

1390

1391

N. 64° 06' 00" W. 162.18'
N. 73° 35' 04" W. 135.35'

1387

1388

1389

N. 71° 03' 59" W. 187.24'
N. 72° 35' 48" W. 55.89'

CENTERLINE OF RIGHT-OF-WAY
(TRANSFERRED TO HOWARD COUNTY - L10
#40834 & 40839) (Variable width
EDGE OF RIGHT-OF-WAY LINE AS SHOWN)

OLD FREDERICK ROAD
(MAJOR COLLECTOR)

COPY OF
FILE

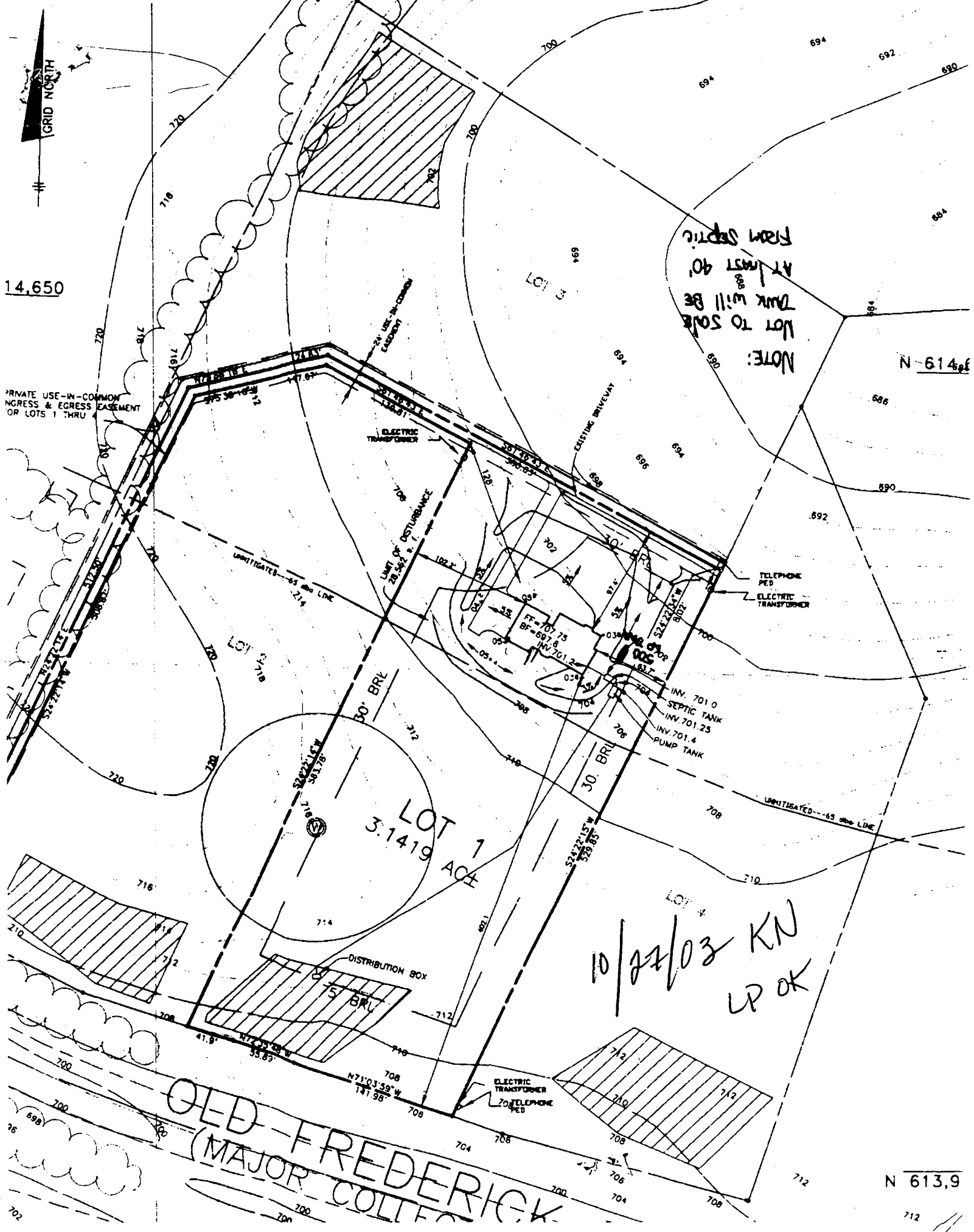


14,650

PRIVATE USE-IN-COMMON
INGRESS & EGRESS EASEMENT
OR LOTS 1 THRU

NOTE:
LOT TO SOLD
TANK WILL BE
AT LEAST 40'
FROM SEPTIC

N 614.9



UNMITIGATED - 65' ddb. LINE
21.4

ELECTRIC
TRANSFORMER

EXISTING DRIVEWAY

TELEPHONE
PED.
ELECTRIC
TRANSFORMER

LOT 1
3.1419 AC

10/22/03 KN
LP OK

OLD FREDERICK
(MAJOR COLLEGE)

N 613.9

712