

LAYOUT 5/22/03 10AM INSP 4 _____
 INSP 2 5/23/03 3PM INSP 5 _____
 INSP 3 5/28 10A.M. Final INSP 6 _____

ISSUE DATE: 5/20/2003

APPROVAL DATE: 5/29/03

**PERMIT
INDEXED**

P 518974

A 511556-E

*RPS#
434963*

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

Jack Fyock Septic Service, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 89, Glenelg MD 21737 PHONE NUMBER: 410-988-9270

SUBDIVISION: Thaler Estates LOT NUMBER: 5

ADDRESS: 14061 Highland Road PROPERTY OWNER: Niles Morton

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 300

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:	Place distribution box as shown on plan. <i>unless changed during layout inspection.</i>
NOTES:	NOT APPROVED FOR BASEMENT SERVICE. Drainfields to be installed on contour with 9' separations.

PLANS APPROVED: Greg Mellon *OK SRK 5/20/03* DATE: 10/11/2002

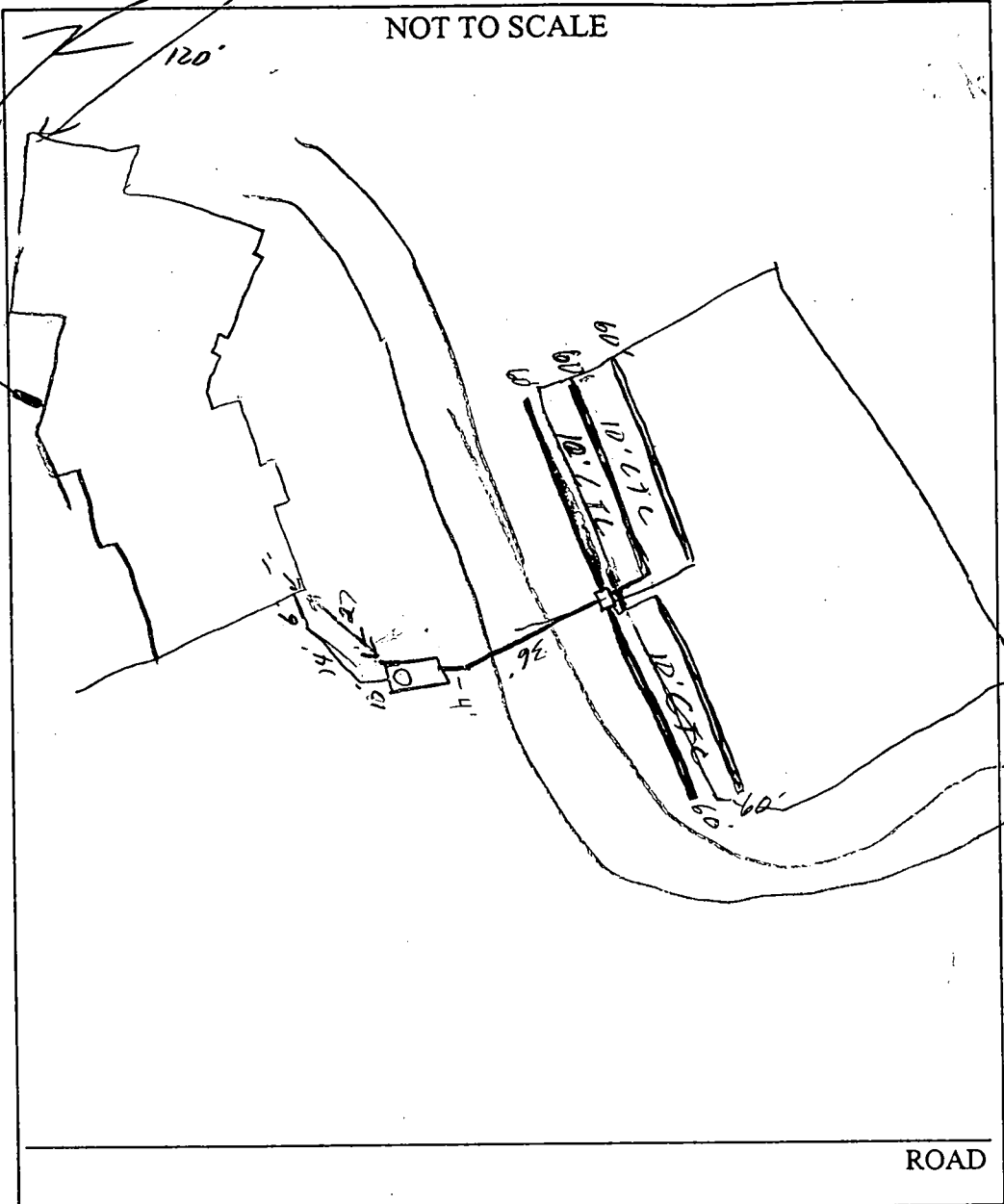
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND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

**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**

A511556-E

HD-94-2756

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	6'	4'
NUMBER OF TRENCHES		5
TOTAL LENGTH		300'
ABSORPTION AREA		900 sq'
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

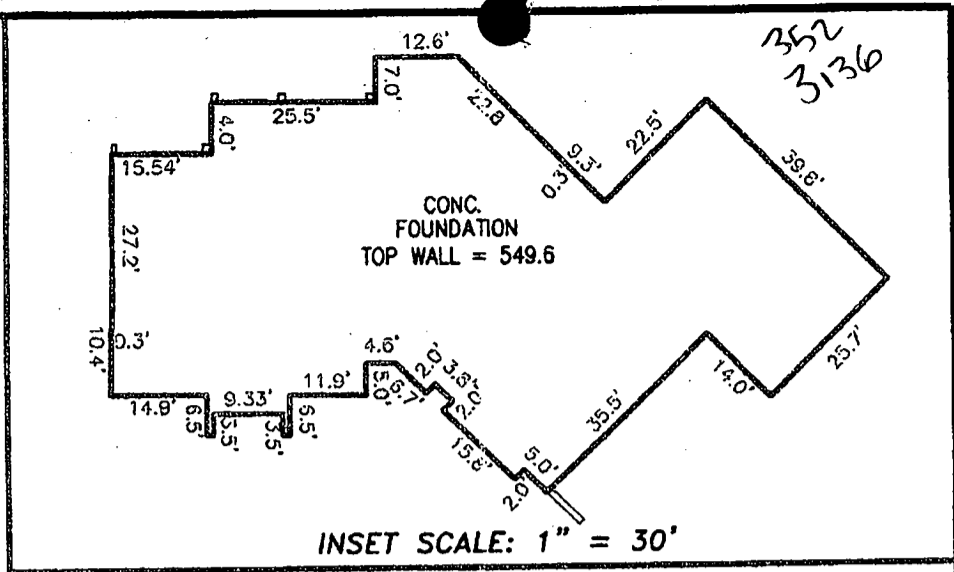
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input type="checkbox"/>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	_____
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

PRE-CONSTRUCTION 5/22/03 Contour pretty flat, install (5) 60' trenches parallel to SRA edge closest to house. D.B. in middle (SD)

INSTALLATION 5/23/02 Tank set, 3 trenches installed. OK to cover trenches (SD) 5/28/03 OK to cover all work (SD)

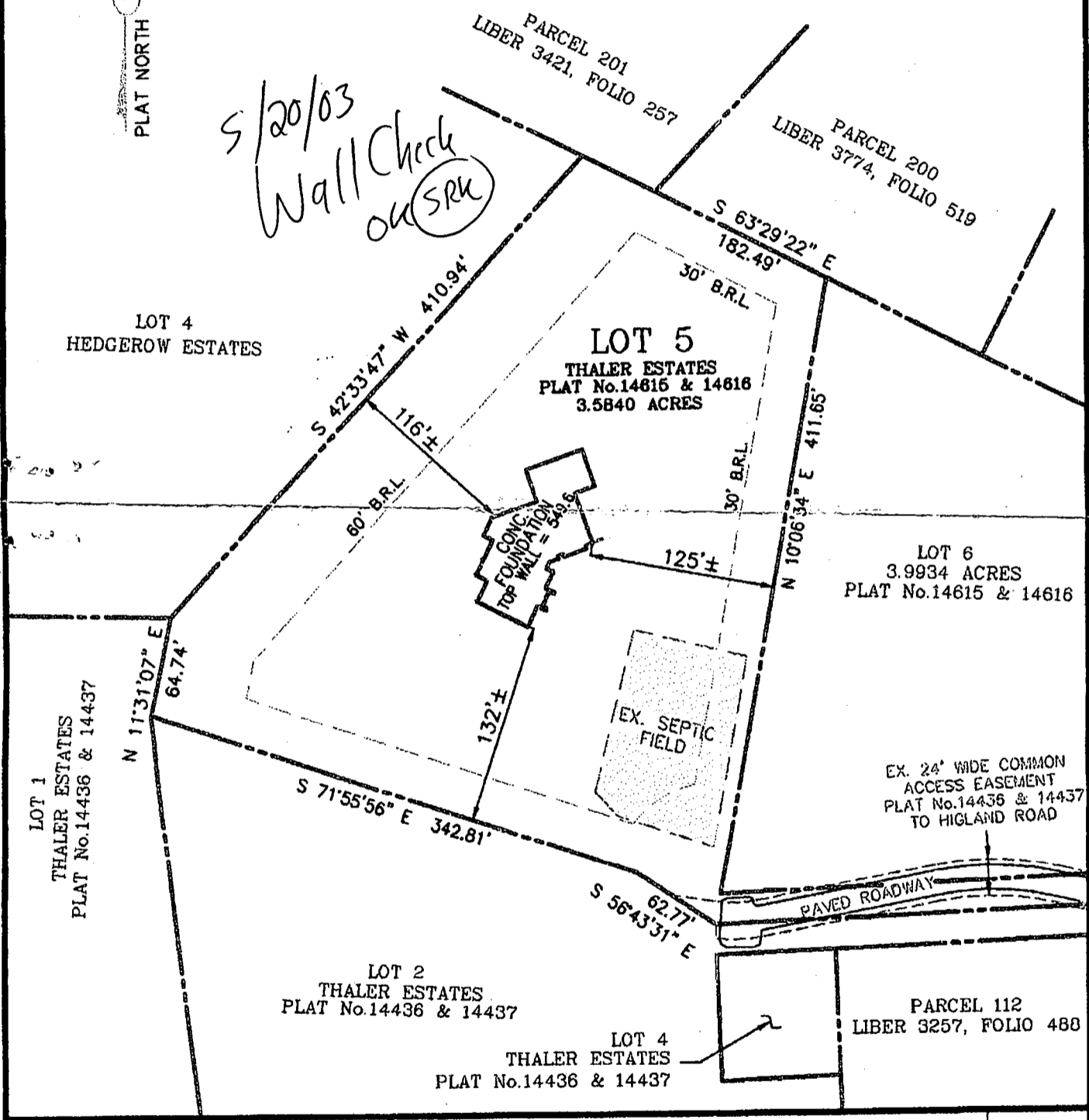
FINAL INSPECTOR [Signature] DATE OF APPROVAL 5/28/03

MIKE 12/1
352
3136



PLAT NORTH

S/20/03
Wall Check
OK (SRK)



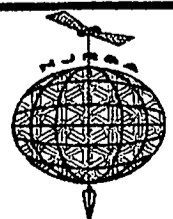
I HEREBY CERTIFY THAT IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY INFORMATION, PROFESSIONAL KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN

WALL CHECK
 LOT 5, THALER ESTATES
 PLAT No. 14615 & 14616
 TAX MAP 28, GRID 20
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' DATE: NOVEMBER 25, 2002

2305

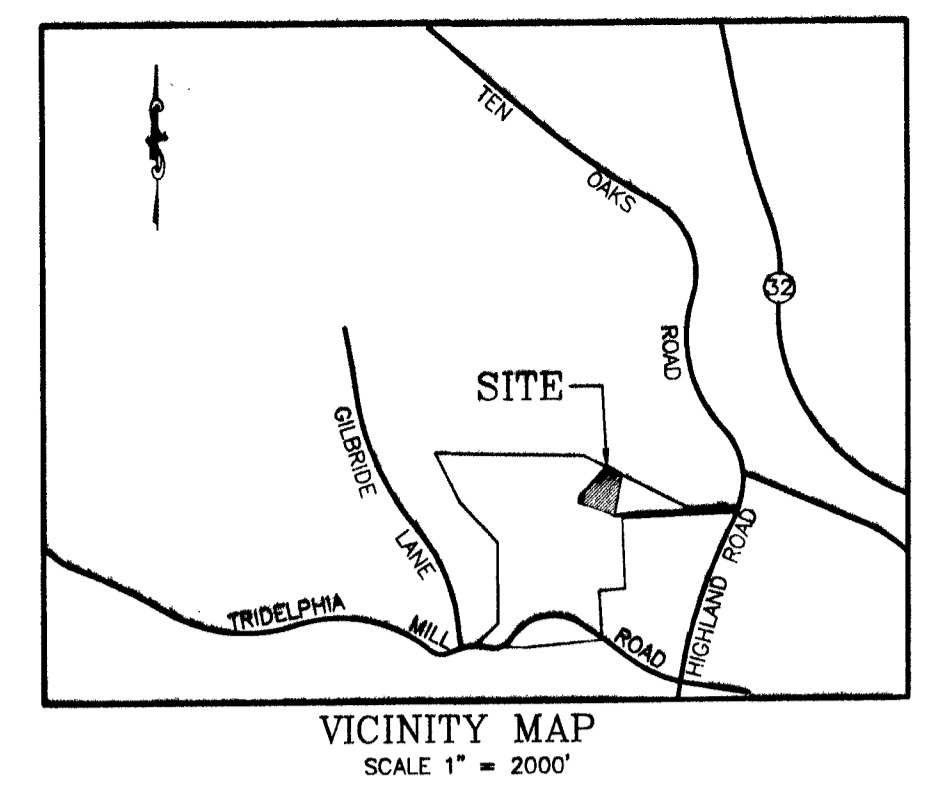


M.N. Roshan, L.S. DATE 12/05/02
 MD REG. No. 11049



NJR & ASSOCIATES, LLC.
 LAND SURVEYING AND PLANNING
 1813 MONTEVIDEO ROAD
 JESSUP, MARYLAND 20794
 TEL: (240)508-3200 FAX: (410)799-5523

SITE DEVELOPMENT PLAN OF:
LOT 5, THALER ESTATES
 PLAT No. 14615 & 14616
 TAX MAP 28, GRID 20
 HOWARD COUNTY, MARYLAND



LEGEND

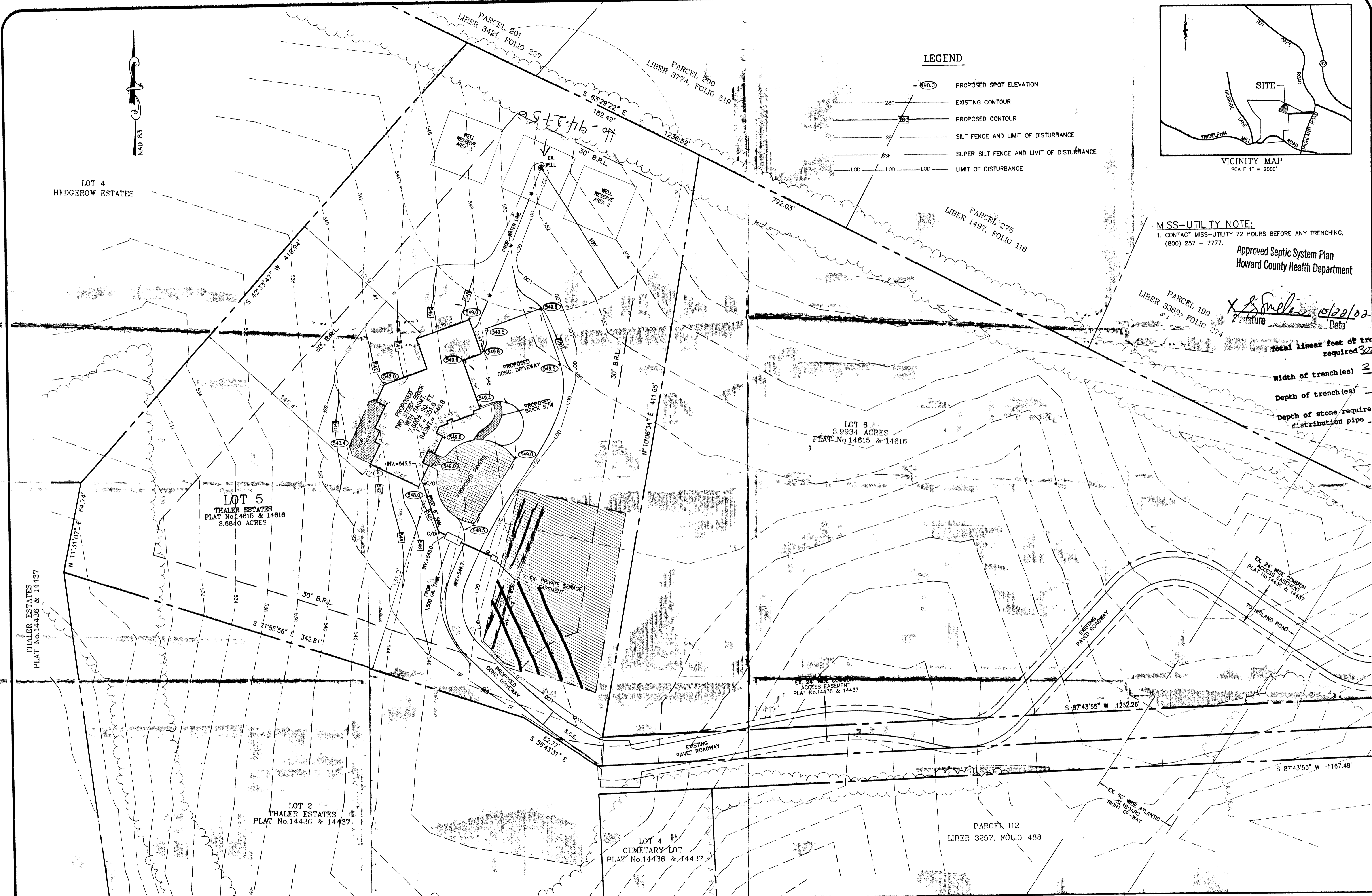
- \pm (540.0) PROPOSED SPOT ELEVATION
- EXISTING CONTOUR
- - - - - PROPOSED CONTOUR
- - - - - SILT FENCE AND LIMIT OF DISTURBANCE
- - - - - SUPER SILT FENCE AND LIMIT OF DISTURBANCE
- LOD --- LOD --- LOD --- LIMIT OF DISTURBANCE

MISS-UTILITY NOTE:
 1. CONTACT MISS-UTILITY 72 HOURS BEFORE ANY TRENCHING.
 (800) 257 - 7777.

Approved Septic System Plan
 Howard County Health Department

[Signature] 02/20/02
 Date

Total linear feet of trench required 30 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 6 feet
 Depth of stone required below distribution pipe 2 feet



PLAN PREPARED BY:
NJR & ASSOCIATES, L.L.C.
 LAND SURVEYING AND PLANNING
 100 W. BELT ROAD, SUITE 207
 JESSUP, MARYLAND 20794
 TEL: (410) 508-3200
 FAX: (410) 599-5525

REVISIONS
 1. 09/10/02, AS PER SCD
 COMM. DATED 09/10/02.



GRAPHIC SCALE 1"=30'

DATE: AUG. 20, 2002
 JOB NUMBER: 2305
 FILE NUMBER: 2305BASE
 PLOTTED: AUG. 23, 2003
 DRAWN BY: NR

SITE DEVELOPMENT PLAN
 SHEET 2 OF 2

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
Jim Meyer 9/10/02
 USDA-NATURAL RESOURCES CONSERVATION SERVICE DATE
 THIS DEVELOPMENT PLAN IS ACCEPTED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John K. Robertson 9/10/02
 HOWARD SCD DATE

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
M. N. Roshan 09/10/02
 M. N. ROSHAN, L.S. DATE

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF DEVELOPER DATE

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 (2nd Well Construction Regulations). Submission of a complete form is required prior to the start of construction.

Company Name: C. MAYES P&H Telephone #: 410 923 0510
Address: 637 CREEK RIF
MUSKERSVILLE, MD
21108

Must circle each Licensed Trades License # and name of individual responsible for the field installation:
Name (Print): CHARLES MAYES License # 3276
*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. License may be indicated in field installation.

Name of Property Owner: WILKES MORTON Telephone #: 301 921 7200
Address: 14061 HIGHLAND DR. Lot #: 05 Well Tag #: MD 95-2256
CLARKSVILLE, MD. 21029

Well Cap and Electric Conduit:
Two piece water tight cap: YES
Screened, vented well cap: YES
Cap secured to casing: YES
Conduit min 18" B.C.: YES
Conduit secured to well cap: YES
Main: WATER Model: 2210 Depth: 92' 06" (min) NPS approved: YES
Depth of well encountered at time of pump installation: 120' (est)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 173.4
Safety rope, used, attached to inside of well casing with eye bolt: YES

Piping to house:
Type: PVC Approximate length of sleeve: 4'
Depth of supply line: 1200' (min) Sleeve installed and sealed properly: YES
PVC sleeved to undisturbed soil at well construction: YES

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

Signature of company representative responsible for installation: Charles Mayes Date: 8-11-03

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

Date Insp. Requested: 6/3/03 Date Insp. Approved: 6/3/03 (50) SRK
Inspection Date: Pitless adapter and water supply line at least 12" 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 cap attached properly and casing 1" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

C1 07845

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. On SR41/18/01 COUNTY NUMBER A 511556

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 9/7/00

Depth of Well 22 500 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2756

OWNER Phillips last name Greg first name STREET OR RFD Highland Road TOWN Milford SUBDIVISION Thaler Estates SECTION LOT 3

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: Top Soil, S/Hale, Sandy shale, Clay shale, Sandstone, Tan mica, Brown mica, Gray mica, Brown mica, Gray mica, Tan & Brown mica, Gray mica, White mica, Gray mica.

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 28 NO. OF POUNDS 2800 GALLONS OF WATER 168 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 54 ft.

CASING RECORD

MAIN CASING TYPE (circle appropriate code below) ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER. Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 60

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

SCREEN RECORD screen type or open hole (circle appropriate code below) ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER. DEPTH (nearest ft.) 58, 500

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2. METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 26 ft. WHEN PUMPING 217 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED 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 LAND SURFACE (2) (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED YES (Y) NO (N)

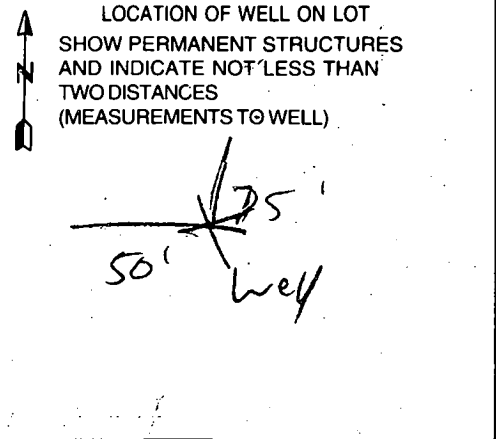
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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...

DRILLERS LIC. NO. MW D 040 George T. Eastenburg DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. JW D 328

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

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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA



Age _____ of _____
Date _____

9.7.00

Review OK SRM
1/18/01

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2756
Location of property (road) Highland Road
Subdivision Traler Estates Lot 3 Block _____ Plat _____ Sec. _____
Well Driller Rasterday Owner Phillips

Depth of well 500 2 gpm
Distance of measuring point (M.P.) above ground 2 FT
Static water level (S.W.L.) below M.P. 26 FT

I. High rate pumping -- reservoir drawdown

Time pump started 11:55 am Pumping rate 1560 m
Total time 35 min to reach pumping water level 215 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill gallon bucket	FLOW-METER READING (if used) Pump SET	CALCULATED FLOW (gallons per minute)
12:30 pm	215 FT	30 sec	385 FT	2 GPM
1245 pm	215 FT	30 sec	385 FT	2 GPM
100 pm	215 FT	30 sec	385 FT	2 GPM
115 pm	215 FT	30 sec	385 FT	2 GPM
130 pm	215 FT	30 sec	385 FT	2 GPM
145 pm	215 FT	30 sec	385 FT	2 GPM
200 pm	215 FT	30 sec	385 FT	2 GPM
215 pm	215 FT	30 sec	385 FT	2 GPM
230 pm	216 FT	30 sec	385 FT	2 GPM
245 pm	216 FT	30 sec	385 FT	2 GPM
300 pm	216 FT	30 sec	385 FT	2 GPM
315 pm	216 FT	30 sec	385 FT	2 GPM
330 pm	216 FT	30 sec	385 FT	2 GPM
345 pm	216 FT	30 sec	385 FT	2 GPM
400 pm	216 FT	30 sec	385 FT	2 GPM
415 pm	216 FT	30 sec	385 FT	2 GPM
430 pm	216 FT	30 sec	385 FT	2 GPM
445 pm	217 FT	30 sec	385 FT	2 GPM
500 pm	217 FT	30 sec	385 FT	2 GPM
515 pm	217 FT	30 sec	385 FT	2 GPM
530 pm	217 FT	30 sec	385 FT	2 GPM
545 pm	217 FT	30 sec	385 FT	2 GPM
600 pm	217 FT	30 sec	385 FT	2 GPM
615 pm	217 FT	30 sec	385 FT	2 GPM
HD-224 630 pm	217 FT	30 sec	385 FT	2 GPM

STARTS IN CASE 1

B 1 01400

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2756

fill in this form completely

W513671 please print or type

OWNER INFORMATION: Phillips Greg, 6815 Centre Park Drive, Columbia, Md. 21045

LOCATION OF WELL: Howard County, Daniela's Dream Trailer Estates, Dayton, 2 miles from town

DRILLER INFORMATION: George F. Easterday, E. Franklin Easterday, Inc., 9265 Brown Church Rd., MT. Airy, Md. 21771

DIRECTION OF WELL FROM TOWN: South (S), NEAR WHAT ROAD: 700, DISTANCE FROM ROAD: 37 FT

WELL INFORMATION: APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER: DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (D)

NOT TO BE FILLED IN BY DRILLER: HOWARD COUNTY, STATE SIGNATURE, DATE ISSUED 07/24/00, CO SIGNATURE, EXP. DATE 07/23/01

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X: 9/7/00 @ 300' depth, SOURCES OF DRILLING WATER: wells, WRITE THE BOX NUMBER FROM THE MAP HERE: 8005, 5004

METHOD OF DRILLING: AIR-ROTARY (30), CABLE (37)

REPLACEMENT OR DEEPEMED WELLS: THIS WELL WILL NOT REPLACE AN EXISTING WELL (N)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION: TRIADDELPHIA MILL Rd, 13 K 6

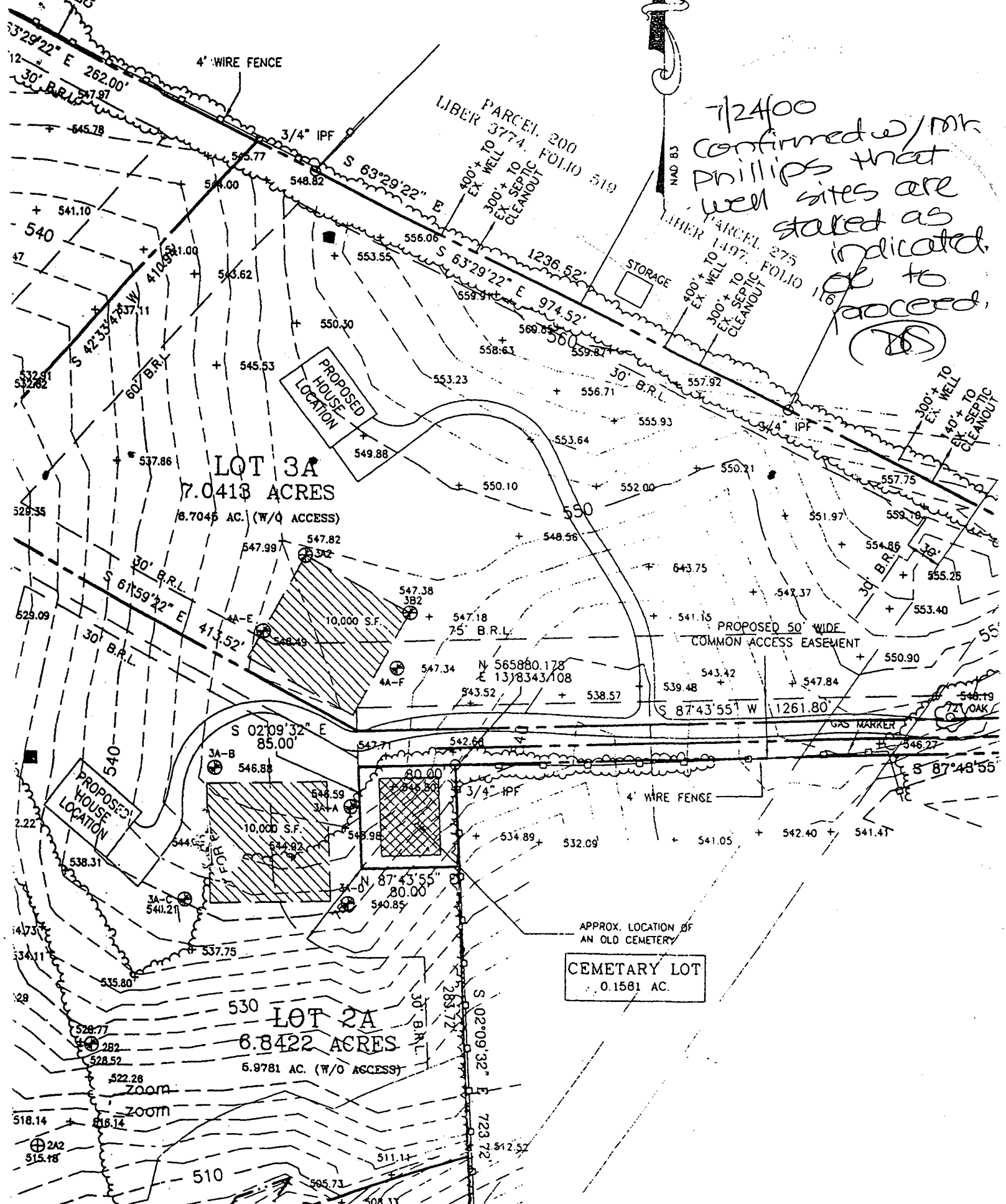
Not to be filled in by driller: APPROP. PERMIT NUMBER GAP, PERMIT No. HO-94-2756

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

PARCEL 201
LIBER 3421, FOLIO 257



7/24/00
Confirmed w/ Mr
Phillips that
well sites are
stated as
indicated
to
access.
(S)



LOT 3A
7.0413 ACRES
[8.7045 AC. (W/O ACCESS)]

LOT 2A
6.8422 ACRES
[5.9781 AC. (W/O ACCESS)]

APPROX. LOCATION OF
AN OLD CEMETERY
CEMETARY LOT
0.1561 AC.

PROPOSED 50' WIDE
COMMON ACCESS EASEMENT

PROPOSED
HOUSE
LOCATION

PROPOSED
HOUSE
LOCATION

zoom

zoom

APPLICATION

PERCOLATION TESTING

A 511550

P _____

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

DISTRICT _____

DATE 5/3/99

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 Mary O. Thalen

ADDRESS 13550 Triadelphia Mill Road PHONE 410-681-4740

AGENT OR PROSPECTIVE BUYER son Gregory B. Phillips

ADDRESS 8815 Centre Park Drive, PHONE 410-740-5200
Columbia, MD 21045

PROPERTY LOCATION: _____

SUBDIVISION The Thalen ^{estates} Property LOT NO. (3A) (3)

ROAD AND DESCRIPTION Highland Road to Triadelphia Mill Road

TAX MAP 28 PARCEL # 64

SIZE OF LOT approx 7 acres 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.

Gregory B. Phillips
(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 3A-A

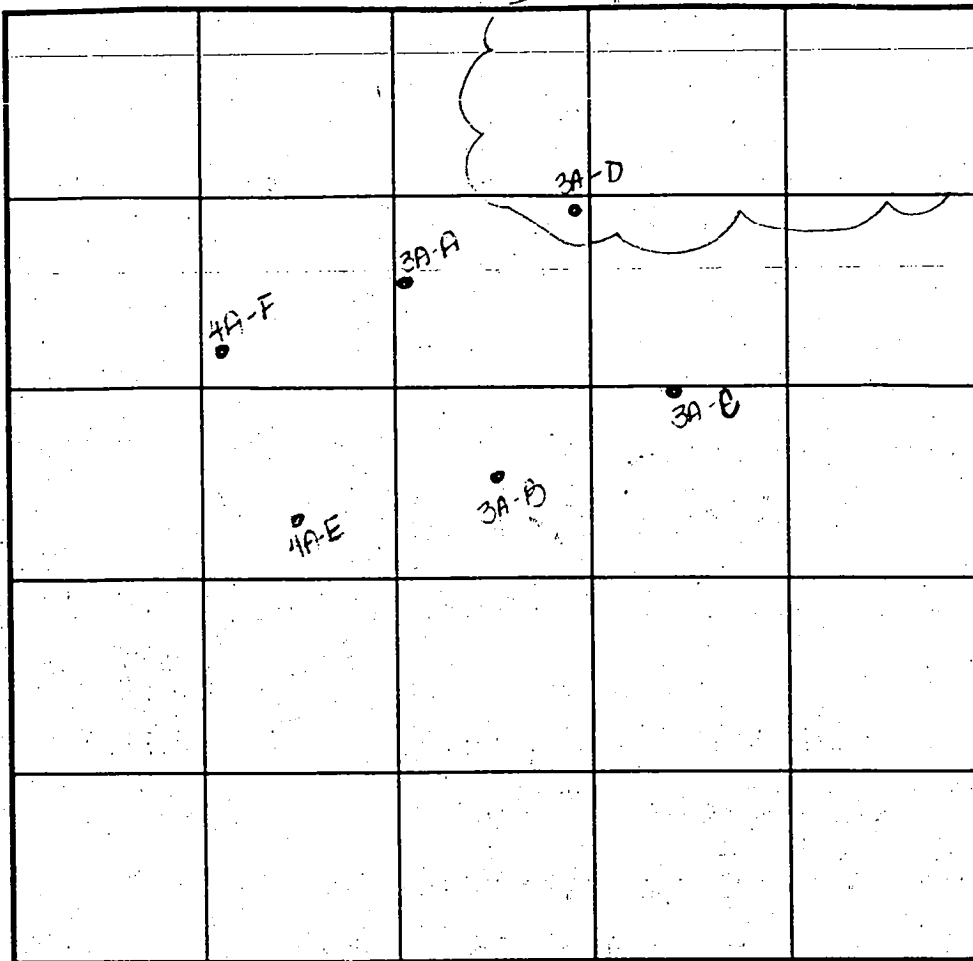
0' topsoil
 1' org. hor. clum.
 9" below s. lim. mica
 35" of sapor sh
 Refuse!

3A-B

topsoil
 org. hor. clum.
 3' 3" below s. lim. mica
 3' 3" of sapor sh

3A-C

topsoil
 org. hor. clum.
 pale org. hor. s. lim.
 tan s. lim.
 10-15" of sapor sh



SOIL PROFILE 4A-E/F

0' topsoil
 1' 10' red. hor. clum.
 4' pale org. red. hor. s. lim.
 50% shale

3A-E

0' topsoil
 1' org. hor. sapor sh
 4' pale org. red. hor. s. lim.
 12' 20% shale

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-20-77	3A-E	5.5'S	3:23 ₂	3:24 ₂	3:24 ₂	3:28	4
		14.0'D	visual	- see	profile		OK
	3A-F	11.0'D	visual	- see	profile		OK
7-1-99	3A-E	5.5'S	11:07	11:07 ₂	11:07 ₂	11:09	2
		14.0'D	visual	- see	profile		
	4A-E	5.5'S	11:14	11:15	11:15	11:16	2
		13.5'D	visual	- see	profile		OK
	4A-F	5.5'S	11:26	11:28	11:28	11:32	4
		13.5'D	visual	- see	profile		OK
	3A-D	12.0'D	visual	- see	profile		OK

REMARKS

TYPE OF SOIL

TESTED BY D. SEC

ALSO PRESENT Harfield's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

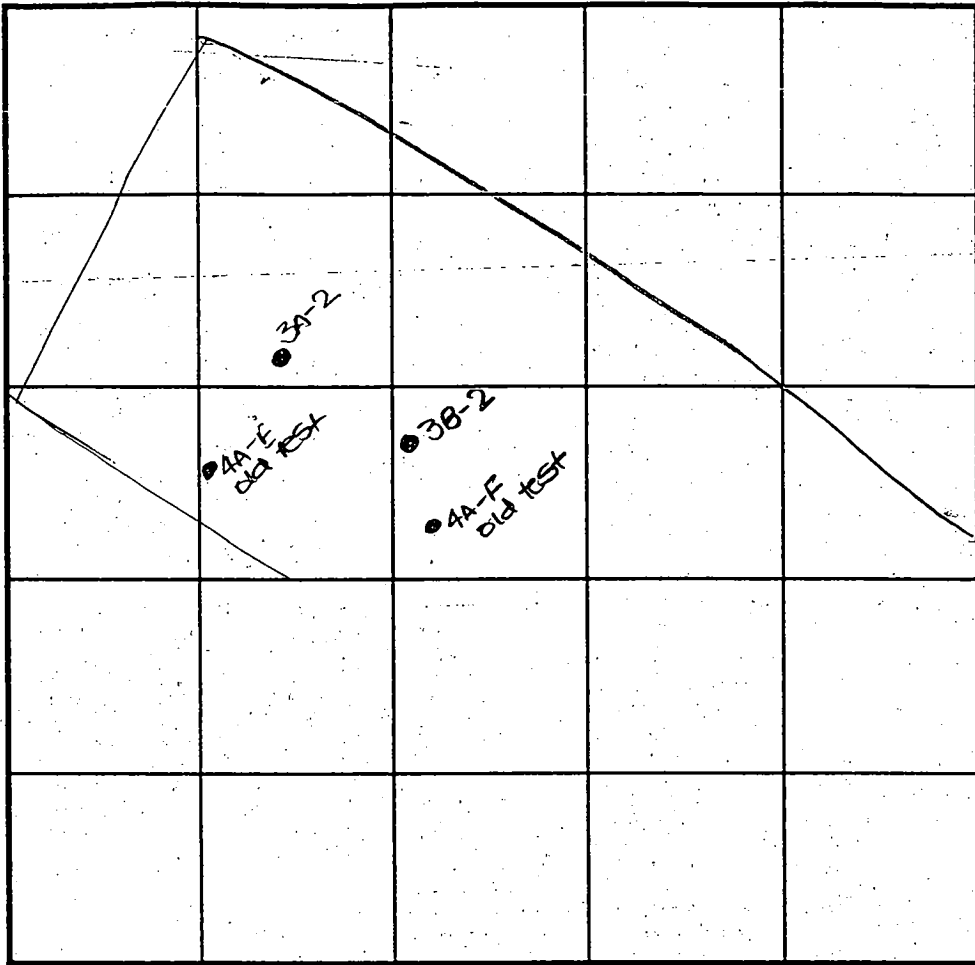
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SO. FT./BEDROOM

TRAILER - LOT 3A

COUNTY # _____
 SOIL PROFILE
 3A-2
 0' topsoil
 1' org red
 5' brn
 13' cl Lm
 beige to white
 Si Lm
 100% rock frag



SOIL PROFILE
 0' _____

3B-2
 0' topsoil
 1' org red
 4' brn
 12' cl Lm
 pale org brn
 Si Lm
 20% rot sapr sh

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-11-00	3A-2	5.0'S	12:09	12:26	12:26	little stop	OK below
		13.0'D	visual	- See	profile		OK
	3B-2	5.0'S	12:16	12:17	12:17	12:20	3
		12.5'D	visual	- See	profile		OK

REMARKS holes tested as staked

TYPE OF SOIL _____

TESTED BY D/S ALSO PRESENT G. Phillips, Hatfield's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

PARCEL 201
LIBER 3421, FOLIO 257

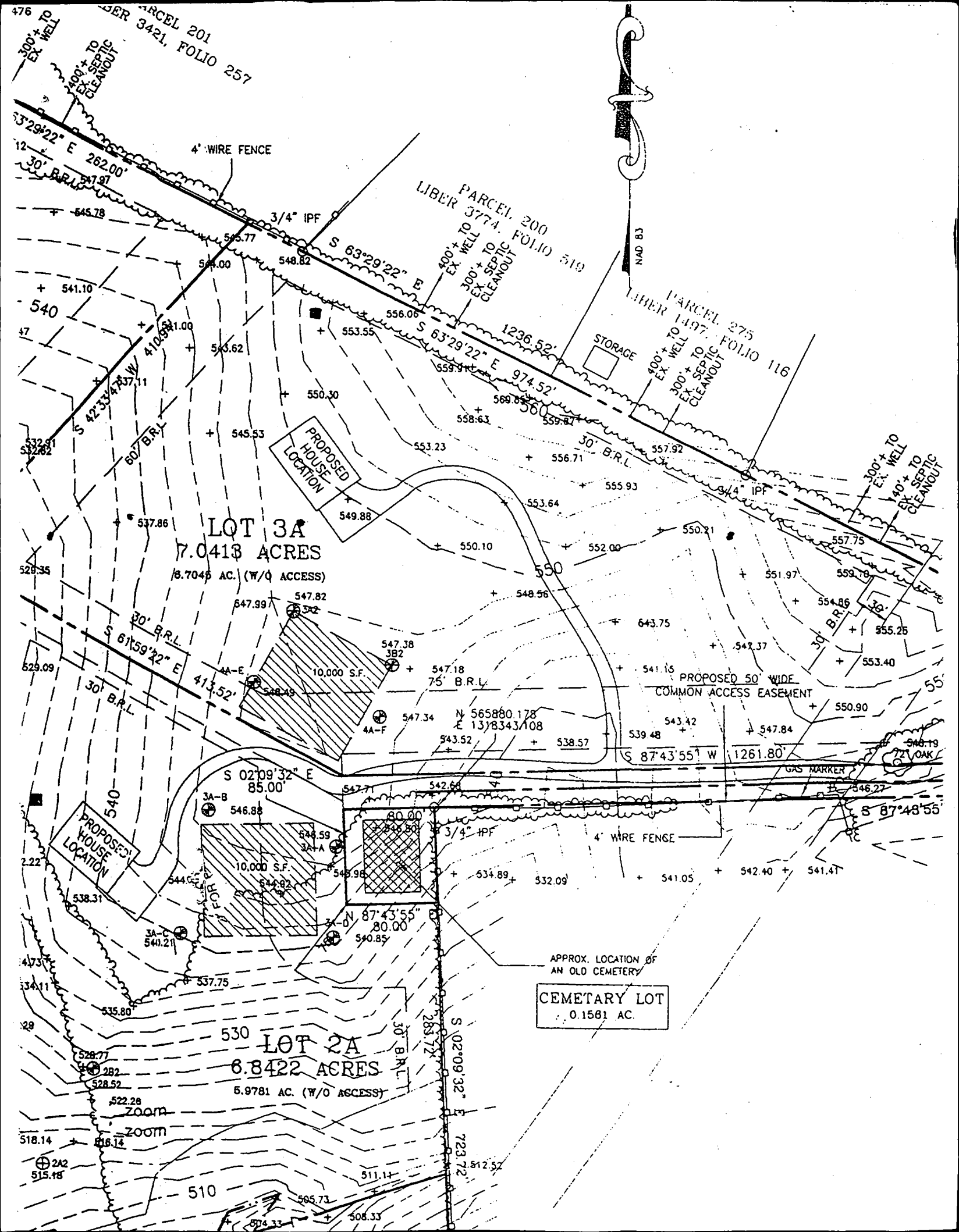
PARCEL 200
LIBER 3774, FOLIO 519

PARCEL 275
LIBER 1497, FOLIO 116

LOT 3A
7.0413 ACRES
(8.7045 AC. (W/O ACCESS))

LOT 2A
6.8422 ACRES
(6.9781 AC. (W/O ACCESS))

APPROX. LOCATION OF
AN OLD CEMETERY
CEMETARY LOT
0.1561 AC.



4' WIRE FENCE

3/4" IPF

NAD 83

STORAGE

PROPOSED HOUSE LOCATION

PROPOSED HOUSE LOCATION

PROPOSED 50' WIDE COMMON ACCESS EASEMENT

GAS MARKER

10,000 S.F.

10,000 S.F.

80.00

80.00

80.00

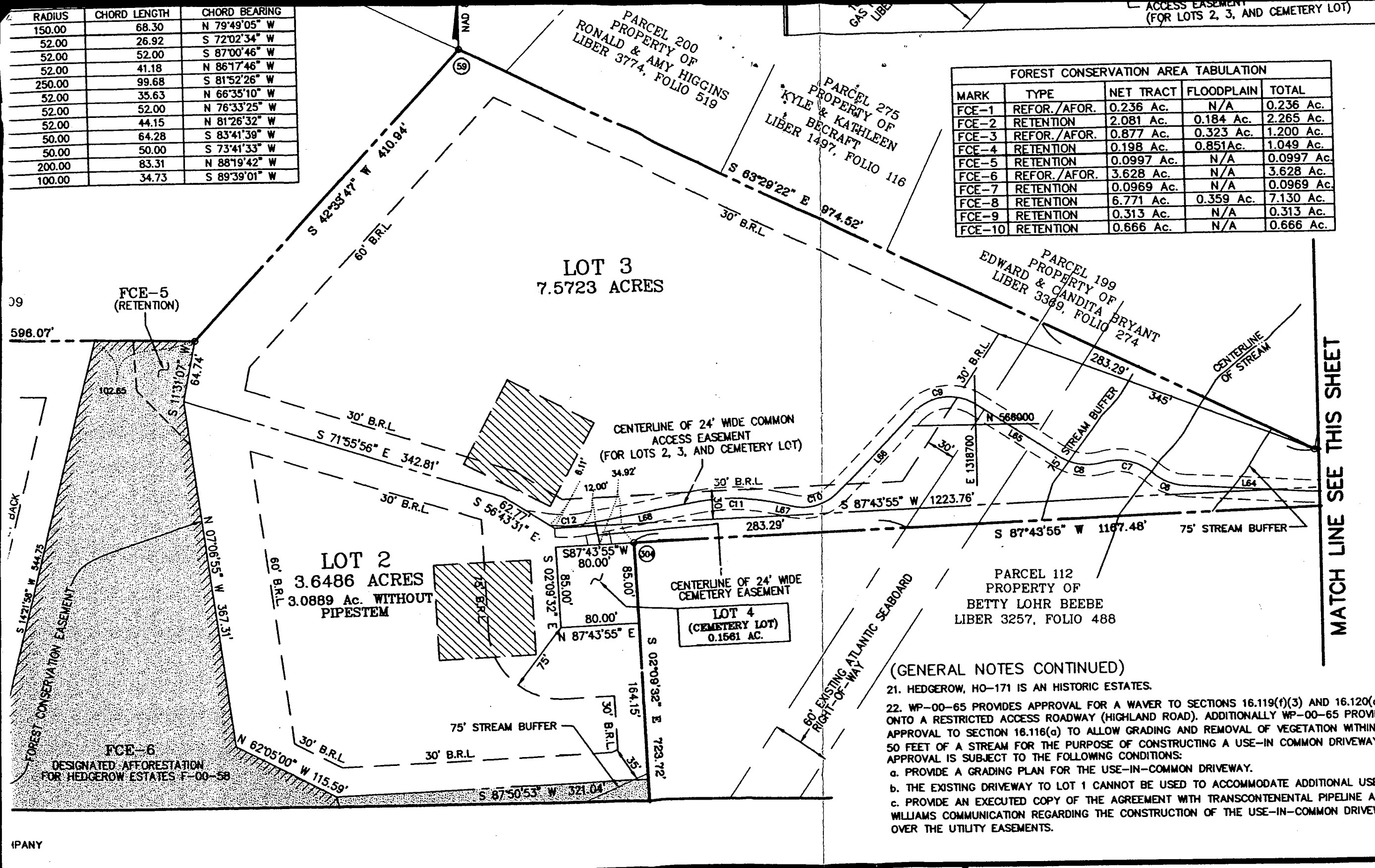
80.00

Zoom

Zoom

RADIUS	CHORD LENGTH	CHORD BEARING
150.00	68.30	N 79°49'05" W
52.00	26.92	S 72°02'34" W
52.00	52.00	S 87°00'46" W
52.00	41.18	N 86°17'46" W
250.00	99.68	S 81°52'26" W
52.00	35.63	N 66°35'10" W
52.00	52.00	N 76°33'25" W
52.00	44.15	N 81°26'32" W
50.00	64.28	S 83°41'39" W
50.00	50.00	S 73°41'33" W
200.00	83.31	N 88°19'42" W
100.00	34.73	S 89°39'01" W

FOREST CONSERVATION AREA TABULATION				
MARK	TYPE	NET TRACT	FLOODPLAIN	TOTAL
FCE-1	REFOR./AFOR.	0.236 Ac.	N/A	0.236 Ac.
FCE-2	RETENTION	2.081 Ac.	0.184 Ac.	2.265 Ac.
FCE-3	REFOR./AFOR.	0.877 Ac.	0.323 Ac.	1.200 Ac.
FCE-4	RETENTION	0.198 Ac.	0.851 Ac.	1.049 Ac.
FCE-5	RETENTION	0.0997 Ac.	N/A	0.0997 Ac.
FCE-6	REFOR./AFOR.	3.628 Ac.	N/A	3.628 Ac.
FCE-7	RETENTION	0.0969 Ac.	N/A	0.0969 Ac.
FCE-8	RETENTION	6.771 Ac.	0.359 Ac.	7.130 Ac.
FCE-9	RETENTION	0.313 Ac.	N/A	0.313 Ac.
FCE-10	RETENTION	0.666 Ac.	N/A	0.666 Ac.



(GENERAL NOTES CONTINUED)

21. HEDGEROW, HO-171 IS AN HISTORIC ESTATES.

22. WP-00-65 PROVIDES APPROVAL FOR A WAIVER TO SECTIONS 16.119(f)(3) AND 16.120(a)(1) ONTO A RESTRICTED ACCESS ROADWAY (HIGHLAND ROAD). ADDITIONALLY WP-00-65 PROVIDES APPROVAL TO SECTION 16.116(a) TO ALLOW GRADING AND REMOVAL OF VEGETATION WITHIN 50 FEET OF A STREAM FOR THE PURPOSE OF CONSTRUCTING A USE-IN COMMON DRIVEWAY. APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

- PROVIDE A GRADING PLAN FOR THE USE-IN-COMMON DRIVEWAY.
- THE EXISTING DRIVEWAY TO LOT 1 CANNOT BE USED TO ACCOMMODATE ADDITIONAL USERS.
- PROVIDE AN EXECUTED COPY OF THE AGREEMENT WITH TRANSCONTINENTAL PIPELINE AND WILLIAMS COMMUNICATION REGARDING THE CONSTRUCTION OF THE USE-IN-COMMON DRIVEWAY OVER THE UTILITY EASEMENTS.

STATE OF MARYLAND, AS

PLAT

HOWARD COUNTY, MARYLAND

27TH DAY OF AUGUST 1999

ARE IN PLACE OR WILL BE

SUBDIVISION. THIS PLAT

OWNER'S CERTIFICATE

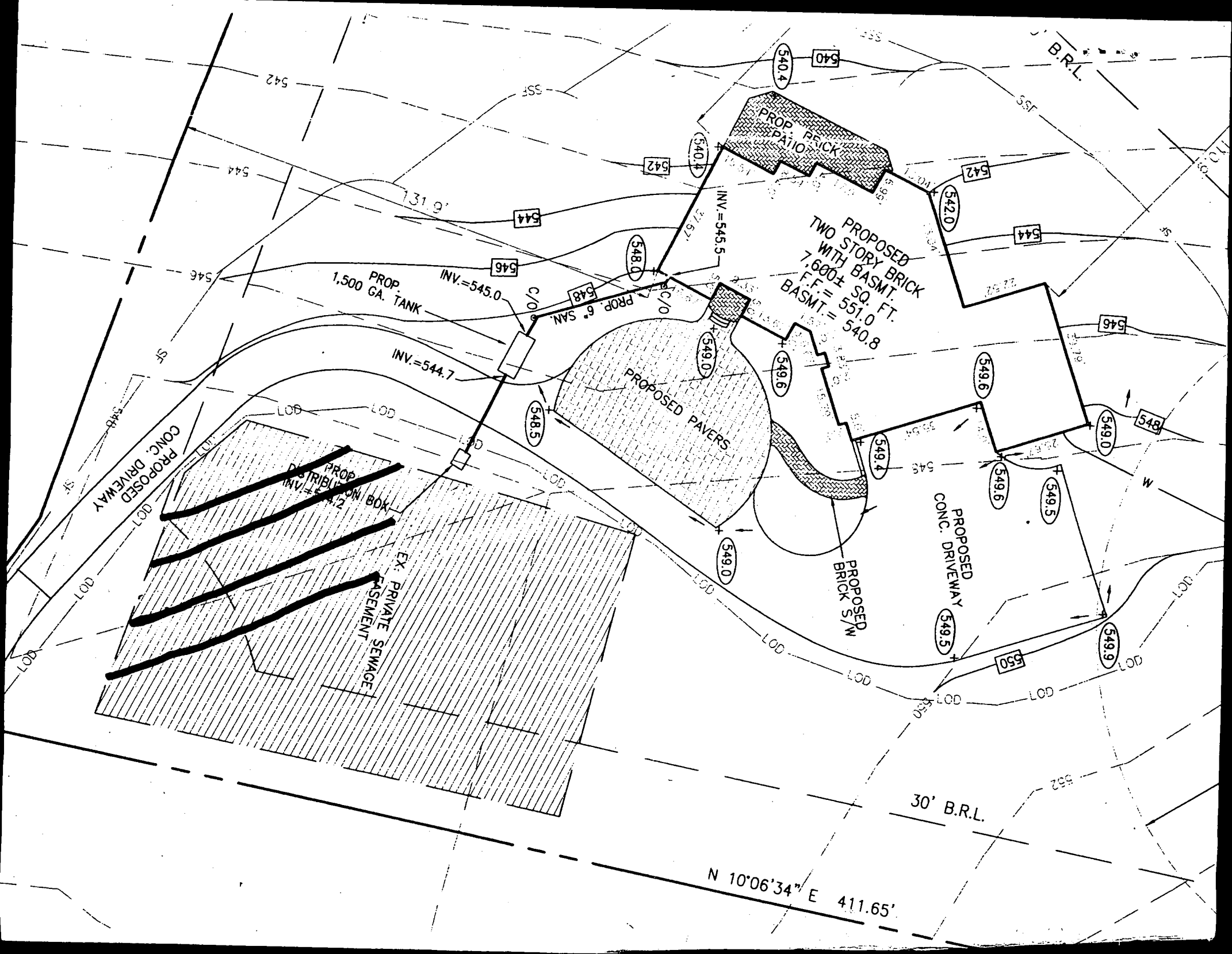
WE, DANIEL'S DREAM, L.L.C., OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION & IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS & ASSIGNS: (1) THE RIGHT TO LAY, CONSTRUCT, & MAINTAIN SEWERS, DRAINS, WATER PIPES, & OTHER MUNICIPAL UTILITIES & SERVICES IN & UNDER ALL STREETS, & ROAD RIGHTS-OF-WAY & THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION TO PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLAINS, & OPEN SPACE, WHERE APPLICABLE, AND FOR OTHER GOOD AND VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT & OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE

RECORDED AS PLAT NUMBER _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ON _____, 2000

SUBDIVISION PLAT

THALER ESTATES

LOTS 1 - 3 AND CEMETERY LOT 4 AND PLAT OF FOREST CONSERVATION EASEMENT FOR HEDGEROW ESTATES F-00-58



PROP. BRICK PATIO

TWO STORY BRICK WITH BASMT. 7,600 ± SQ. FT. F.F. = 551.0 BASMT = 540.8

PROPOSED PAVERS

PROPOSED CONC. DRIVEWAY

PROPOSED BRICK S/W

PROP. 1,500 GA. TANK

PROP. DISTRIBUTION BOX

EX. PRIVATE SEWAGE EASEMENT

PROPOSED CONC. DRIVEWAY

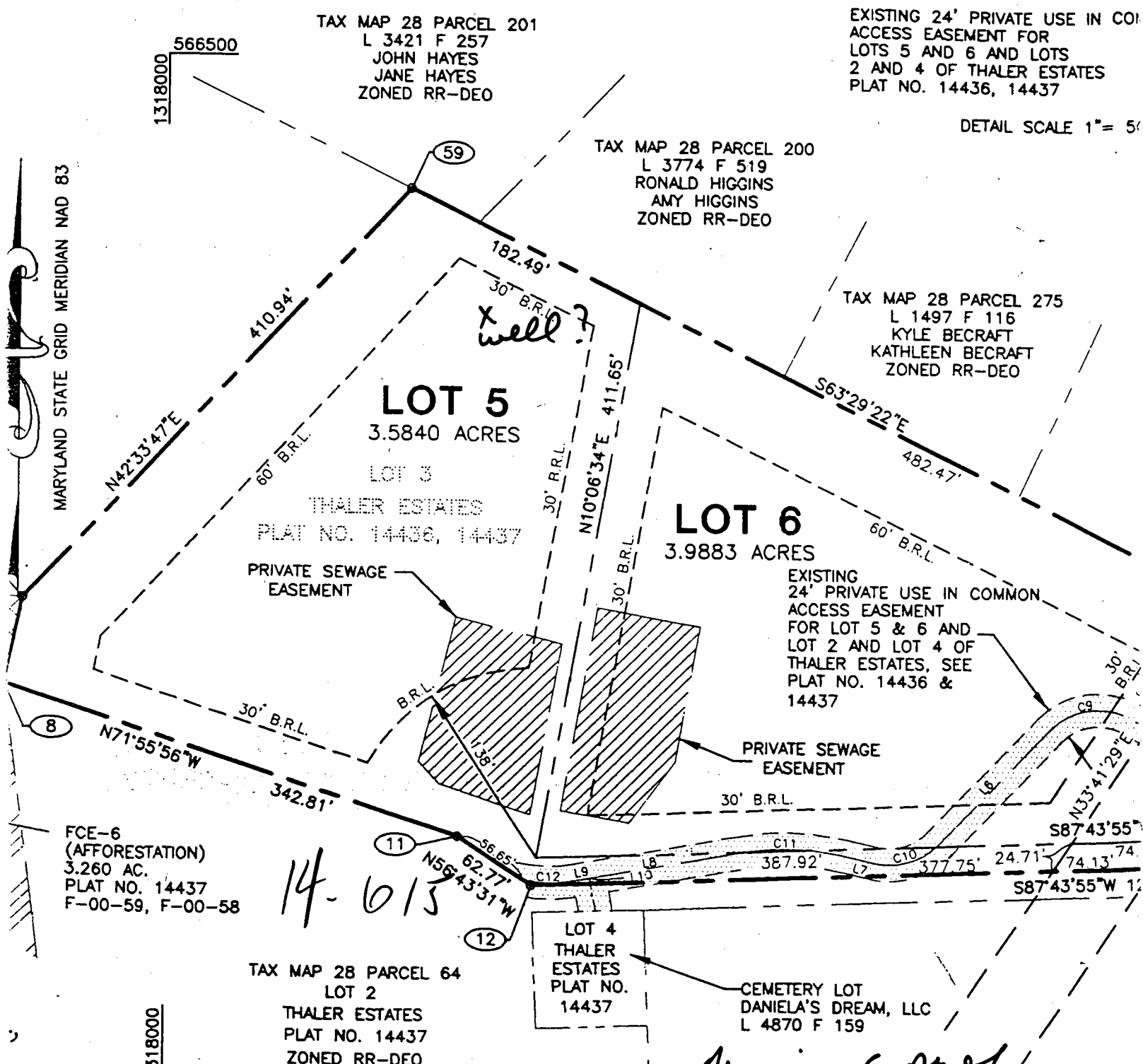
N 10°06'34" E 411.65'

30' B.R.L.

B.R.L.

C1	68.90'	130.00'	35.07'	26°19'10"	N79°49'05"W	68.30'
C2	27.23'	52.00'	13.93'	30°00'12"	S72°02'34"W	26.92'
C3	54.45'	52.00'	30.02'	60°00'00"	S87°00'46"W	52.00'
C4	42.34'	52.00'	22.42'	46°39'07"	N86°17'46"W	41.18'
C5	100.35'	250.00'	50.86'	22°59'57"	S81°52'26"W	99.68'
C6	36.37'	52.00'	18.96'	40°04'13"	N66°35'10"W	35.63'
C7	54.45'	52.00'	30.02'	60°00'00"	N76°33'25"W	52.00'
C8	45.60'	52.00'	24.38'	50°14'25"	N81°26'32"W	44.15'
C9	69.81'	50.00'	41.96'	80°00'07"	S83°41'39"W	64.28'
C10	52.36'	50.00'	28.87'	60°00'00"	S73°41'33"W	50.00'
C11	83.92'	200.00'	42.59'	24°02'33"	N88°19'42"W	83.31'
C12	34.91'	100.00'	17.63'	20°00'01"	S89°39'01"W	34.73'

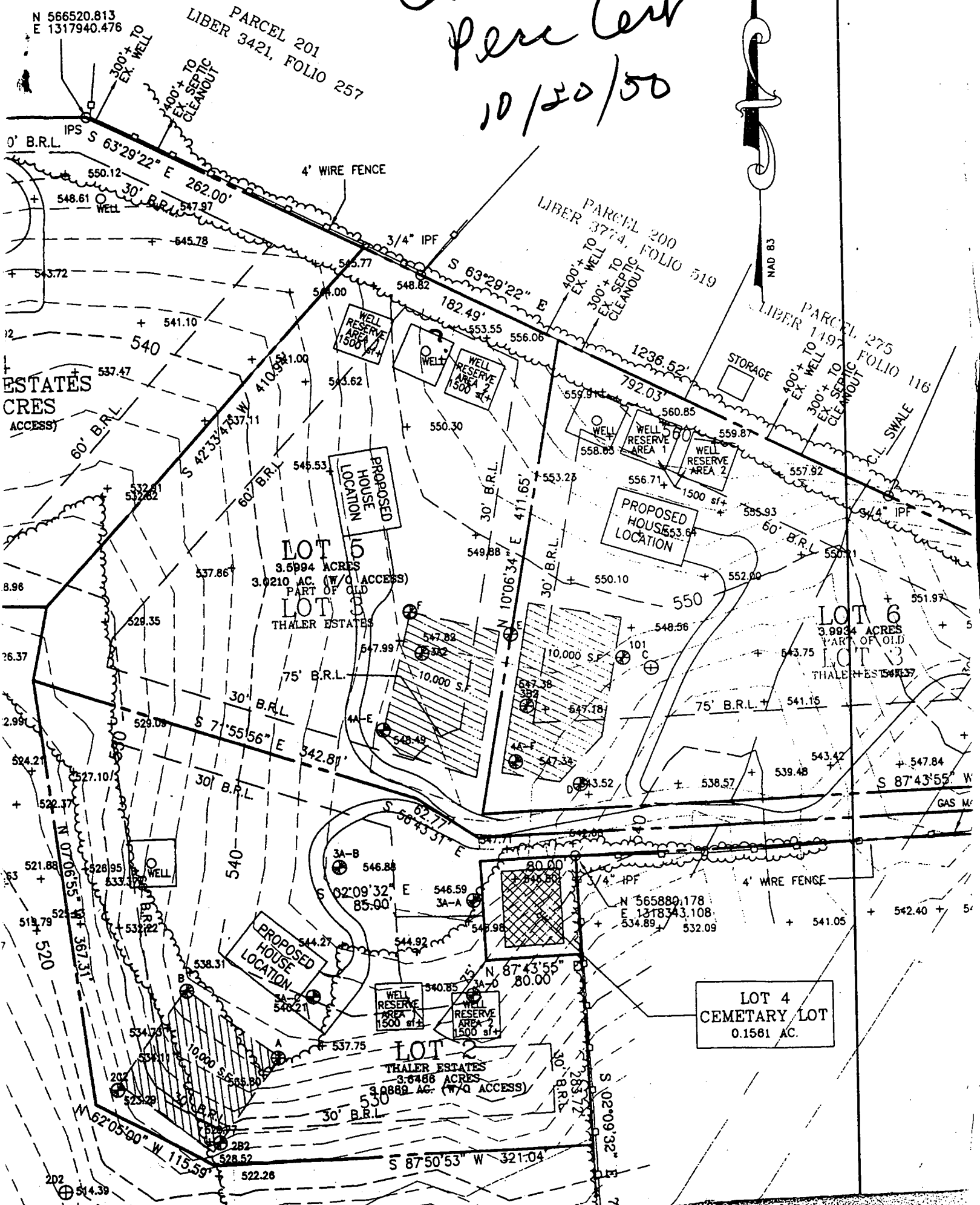
N87°45'07"E 292.71'
 LOT 6
 S87°43'55"W 1228.99'
 LOT 5
 S87°43'55"W 1223.76'



Signed Perc Cert
 10/20/00

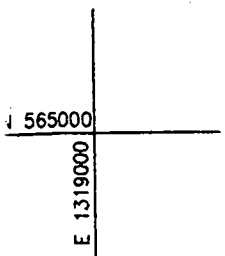
This is copy of approved copy for F-01-81 but no signed mylar

This is
Perce Cent
10/20/50



PERCOLATION
 THIS PLAT
 LOT 3,
 PLAT
 TAX MAP
 HOWARD

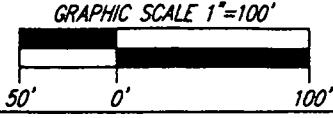
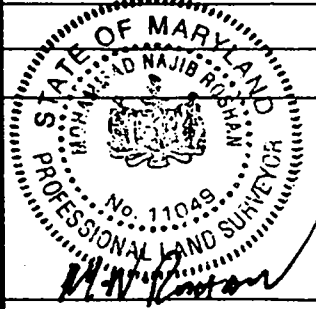
- NOTES:
- ALL WELLS TO BE DRILLED PRIOR TO THE RECORDATION OF THE SUBDIVISION PLAT.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARY HAVE BEEN SHOWN.
 - PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED.
 - EXISTING STRUCTURES ON LOT 1A TO REMAIN.
 - EXISTING WELL AND SEPTIC ON LOT 1A TO REMAIN.



REVISIONS

1. 09/29/00, Updated based on Health Dept. Letter dated Sep. 25, 2000.

THIS AREA DESIGNATES A PRIVATE EASEMENT OF A MINIMUM OF 10,000 SQUARE FEET (OR 2 LOTS FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL FACILITY) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. ENCROACHMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCE FOR ENCROACHMENTS IN TO THE PRIVATE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.



DATE: SEP 11, 00
 JOB NUMBER: 9919
 FILE NUMBER: 9919TOPO
 PLOTTED: OCT 17, 00
 DRAWN BY: NR

PERCOLATION
 PLAT

SHEET 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

[Signature]
 COUNTY HEALTH OFFICER *DXC*

10/20/00
 DATE

PC 51482