

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle 1510

DRAIN FIELD/TITLE DEPTH 8.0 FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH 270 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 1080 SQ. FT. $\frac{270}{2} = 1080$

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET 4.0 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 8/24/98 OK to cover house to DB AL 8/28/98 OK to cover all work AL

DATE SYSTEM APPROVED 8/28/98 INSPECTOR Amey M. Moore

APPLICATION

PERCOLATION TESTING

A 50033D

P _____

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

DISTRICT _____

DATE 5/16/94

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 PAUL R. WIERMAN BRUCE W. KNAUFF

ADDRESS 4911 CHERRY TREE LANE SYKESVILLE MD. 21784 PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WIERMAN PROPERTY LOT NO. 3

ROAD AND DESCRIPTION NW CORNER OF I-70 AND ¹⁴⁸⁵¹ OLD FREDERICK ROAD

TAX MAP 8 PARCEL # 141

SIZE OF LOT 3.0 Ac. TYPE BLDG. SINGLE FAMILY - 4 BR
(SINGLE FAMILY DWELLING OR COMMERCIAL)

LOG PERMIT 30123
AND RETURNED 6-2-98
Appl # 210 118-16-garage
Seal # 210 118-15

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.

Chace
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING RE-PERC OR HOLD FOR PLAT MR 11/1/94

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

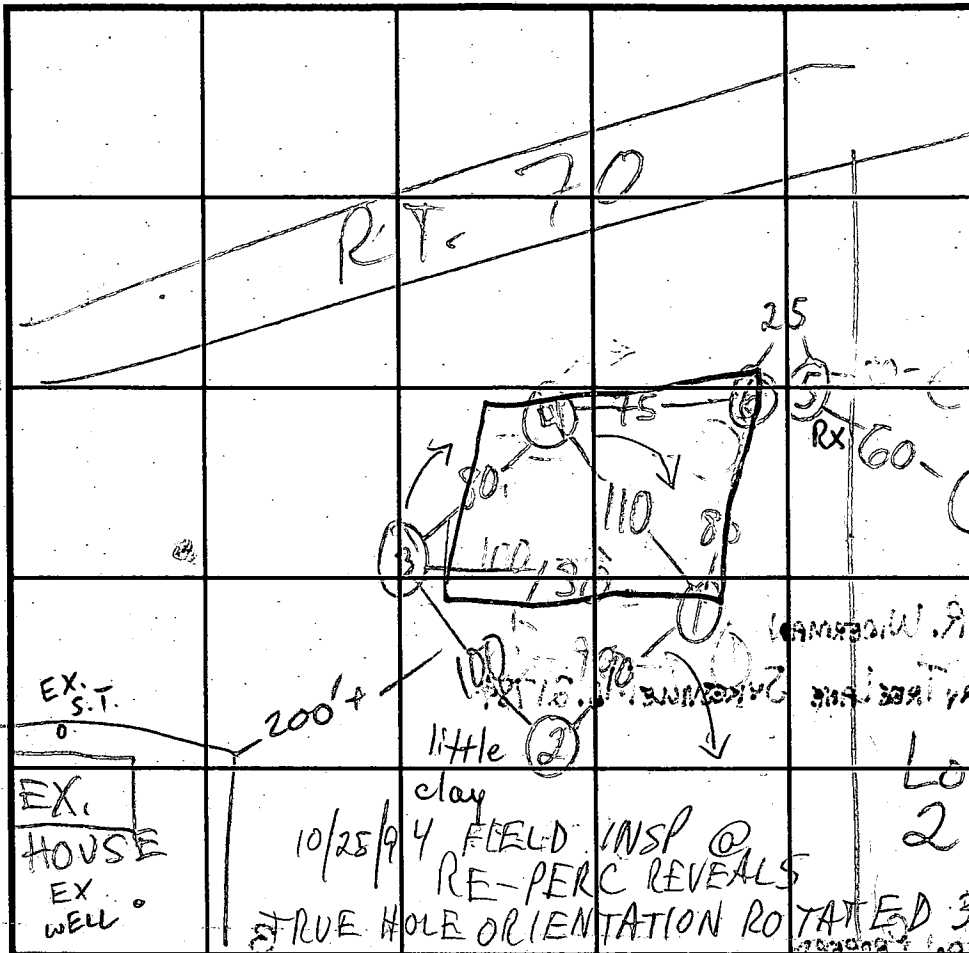
COUNTY #

SOIL PROFILES

SOIL PROFILE

0' 10(3)46
 brn org
 si cl
 lm
 4 1/2
 5
 org
 pink
 yel
 sa lm
 15-25%
 frags

12 2
 org
 si cl lm
 1 1/2
 org
 pink
 si lm
 20% frags
 6 1/2
 org brn
 si sa lm
 35-40%
 frags
 10 1/2



0' SOIL PROFILE

O.F. RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ARROWS

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/21/94	1 S	5 1/2	10:19:50	10:20:50	10:20:50	10:22:50	2	
	2 S	12						
	2 M	3 1/2	10:32:30	10:40	10:39	10:45	6	
	2 V	4 1/2	10:49	10:58	SLOW-MOVED TO BETTER SOIL			
	3 S	6	10:52:30	10:53:20	10:53:20	10:55:20	2	
	3 V	12						
	4 S	6	11:59	11:01	11:01	11:03	2	
	4 V	11 1/2						
	5 V	6	ROCK-REFUSAL					
	6 V	12	OK see profile					

REMARKS USE 1-3-4-6, HOLES 1-4 PER PLAN

TYPE OF SOIL

TESTED BY M. Rifkin SEE NEXT SHEET ALSO PRESENT Fogle's, owner, FCC

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH 3

INLET DEPTH 4 1/2 MAXIMUM BOTTOM DEPTH 6 1/2 SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 50033D

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Widerman LOT NO. 3

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

COUNTY #

SOIL PROFILE
303/304

0' red
sa cl/m
10% frags

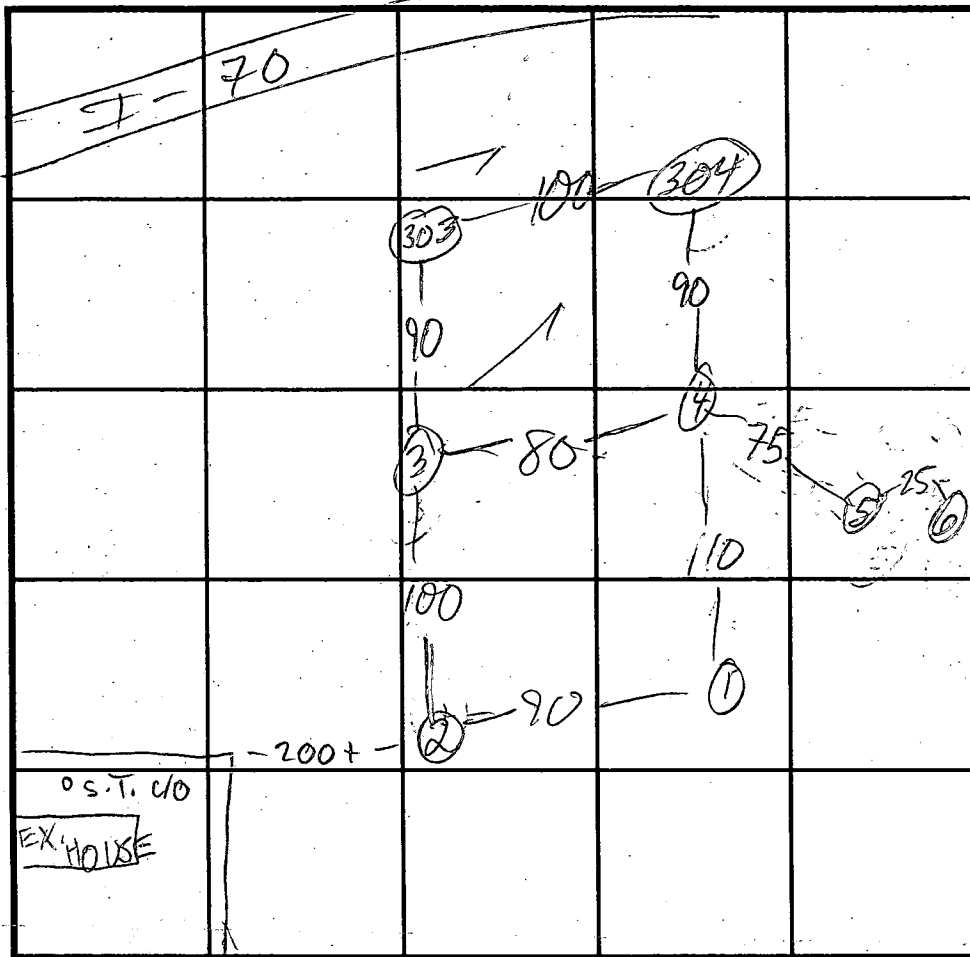
4- 4 1/2

tan
sa lm
20-25%
frags

11'9"

SOIL PROFILE

0'



O.F.R.D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE/	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/25/94	HOLE	ES ①-⑥	PER PREVIOUS LOCATIONS					
	303 S	5	10:47:00	10:50	10:50	10:56	6	
	303 M	8 1/2	10:46:10	10:46:35	10:46:35	10:47:45	1+	
	303 V	11'9"						
	304 S	5 1/2	10:59	11:08	11:08	11:22	14	
	304 M	9	10:59:00	11:03	11:03	11:11	8	
	304 V	11'9"						

REMARKS OK: (3)-(4)-(303)-(304)

TYPE OF SOIL _____ TESTED BY M. Ripkin ALSO PRESENT Zach, owner Fogle

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 TRENCH WIDTH 2 crew

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 180

THE REQUIREMENTS § 3-10B, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAN AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

TERRELL A. FISHER, (SURVEYOR)
 ROBERT E. HARRISON, (OWNER)
 LORETTA WIDERMAN, (OWNER)

CURVE DATA						
CURVE	RADIUS	ARC	DELTA	TANGENT	CHORD BEARING	CHORD
172-173	5067.17'	46.99'	00°31'53"	23.50'	N 46°45'43" W	46.99'
174-175	15581.60'	201.20'	00°44'23"	100.60'	N 47°23'52" W	201.20'
185-186	6605.71'	250.94'	02°10'36"	125.49'	N 45°24'29" W	250.92'

METRIC COORDINATE TABLE			U.S. EQUIVALENT COORDINATE TABLE		
No.	NORTH	EAST	No.	NORTH	EAST
115	184853.433	397552.805	115	606473.305	1304307.776
116	184840.128	397552.505	116	606429.654	1304203.505
119	184945.701	397571.000	119	606776.620	1304134.536
120	184947.892	397498.848	120	606783.210	1304127.470
121	185145.449	397491.372	121	607431.360	1303446.780
123	185154.584	397280.476	123	607451.330	1303411.030
138	184988.364	397203.126	138	606915.992	1303157.252
141	184980.337	397216.170	141	606889.657	1303200.027
142	184940.400	397298.428	142	606758.629	1302469.925
143	184924.544	397341.553	143	606706.608	1302611.413
144	184911.232	397368.973	144	606662.932	1302701.371
145	184890.091	397426.474	145	606593.572	1302890.022
146	184834.977	397549.989	146	606412.754	1302422.447
147	184889.866	397280.033	147	606920.920	1303147.108
172	185079.184	397365.836	172	607184.428	1303691.080
173	185079.996	397355.401	173	607216.622	1303656.843
174	185109.409	397323.829	174	607313.119	1303553.262
175	185150.921	397278.688	175	607449.314	1303405.163
185	184941.731	397499.070	185	606762.997	1304128.190
186	184995.426	397444.605	186	606939.159	1303949.587
207	184891.829	397474.811	207	606599.174	1304148.608

███ DENOTES AREA TO BE CLEARED TO PROVIDE AN UNOBSTRUCTED LINE OF SIGHT FROM THE PROPOSED ACCESS POINTS.

RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS

"DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS FOREST CONSERVATION AREA), LOCATED IN, ON, OVER AND THROUGH LOTS 1 THRU 3, INCLUSIVE. ANY CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S). DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND, IN THE CASE OF THE FOREST CONSERVATION EASEMENT(S), UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY."

TABLE 1. BUILDING SHELL CONSTRUCTION REQUIREMENTS				
ROOM	WALL	WINDOW		DOOR
		STC min	Area max (ft.²)	
Living Room	39	28	20	28
Bedroom	39	28	15	36

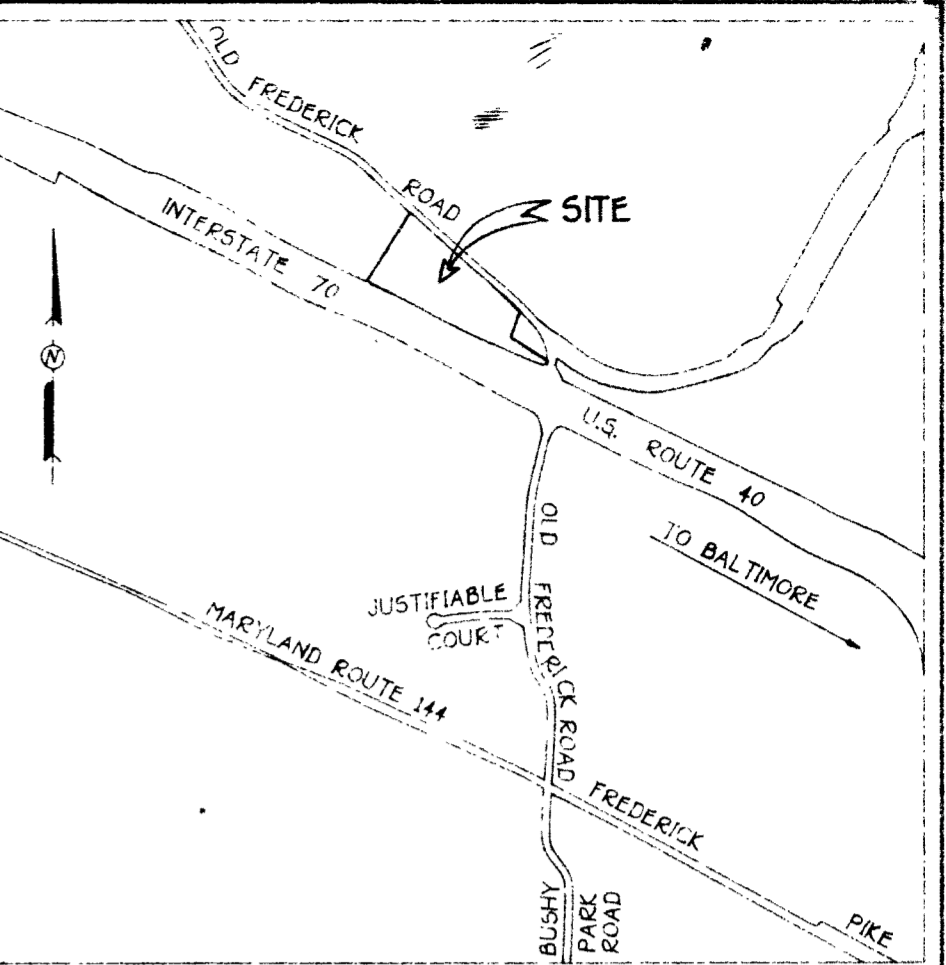
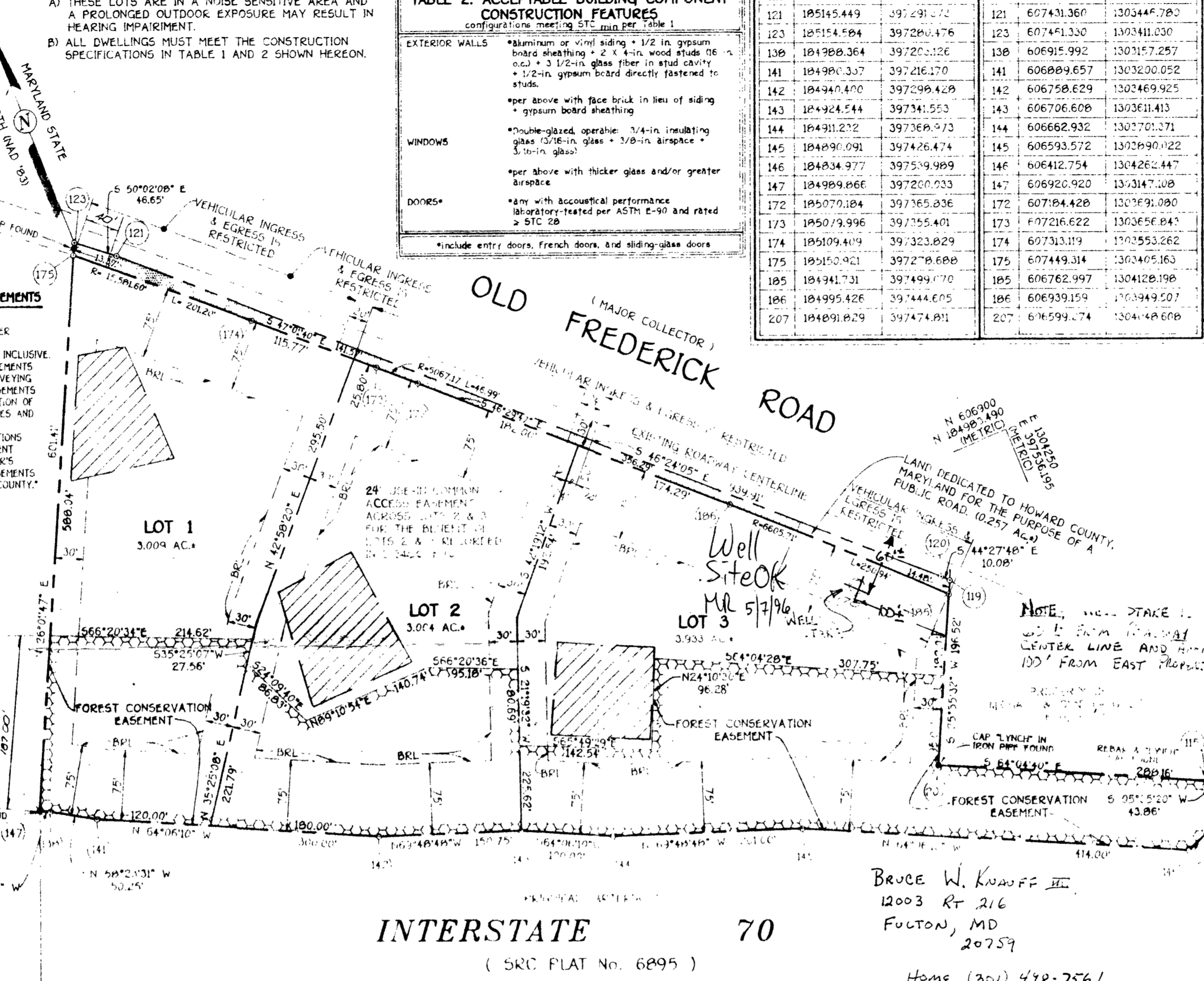
* re total exposed facade area for room

NOTE:
 A) THESE LOTS ARE IN A NOISE SENSITIVE AREA AND A PROLONGED OUTDOOR EXPOSURE MAY RESULT IN HEARING IMPAIRMENT.
 B) ALL DWELLINGS MUST MEET THE CONSTRUCTION SPECIFICATIONS IN TABLE 1 AND 2 SHOWN HEREON.

TABLE 2. ACCEPTABLE BUILDING COMPONENT CONSTRUCTION FEATURES	
configurations meeting STC min per Table 1	
EXTERIOR WALLS	* aluminum or vinyl siding + 1/2 in. gypsum board sheathing + 2 x 4-in. wood studs @ o.c. + 3 1/2-in. glass fiber in stud cavity + 1/2-in. gypsum board directly fastened to studs. * per above with face brick in lieu of siding + gypsum board sheathing
WINDOWS	* double-glazed, operable 1/4-in. insulating glass (3/16-in. glass + 3/8-in. airspace + 3/16-in. glass) * per above with thicker glass and/or greater airspace
DOORS*	* any with acoustical performance laboratory-rated per ASTM E-90 and rated ≥ STC 28 * include entry doors, french doors, and sliding glass doors

TOTAL SHEET AREA TABULATION

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	3
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF LOTS TO BE RECORDED	3
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	9,946 Ac.*
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0,000 Ac.*
TOTAL AREA OF LOTS TO BE RECORDED	9,946 Ac.*
TOTAL AREA OF ROADWAY TO BE RECORDED	0,257 Ac.
TOTAL AREA TO BE RECORDED	10,203 Ac.*



- GENERAL NOTES:**
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
 - THE LOTS SHOWN HEREIN COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - SUBJECT PROPERTY ZONED "R-2" PER 9-10-82 COMPREHENSIVE ZONING PLAN.
 - COORDINATES BASED ON "H0189" MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. BAA AND NO. DBA.
 BAA N 185691.000 (METERS) (NOT WITHIN VICINITY MAP LIMITS)
 E 346302.811 (METERS)
 DBA N 185653.636 (METERS) (NOT WITHIN VICINITY MAP LIMITS)
 E 346370.289 (METERS)
 - THIS PLAT IS BASED ON FIELD BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 8, 1994, BY FISHER, COLLINS AND CARTER, INC.
 - BRL DENOTES BUILDING RESTRICTION LINE.
 - DENOTES IRON PIN SET CAPPED "F.C.C. 106".
 - DENOTES IRON PIPE OR IRON BAR FOUND.
 - ▲ DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.
 - DENOTES CONCRETE MONUMENT SET WITH ALUMINUM PLATE "F.C.C. 106".
 - DENOTES CONCRETE MONUMENT OR STONE FOUND.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 (1) WIDTH: 10 FEET OR FEET SERVING MORE THAN ONE RESIDENCE.
 (2) SURFACE: SIX (6) INCHES OF COMPACTED CRUSHED RIM BASE WITH TAR AND CHIP COATING.
 (3) GEOMETRY: MAXIMUM 1% GRADE, MAXIMUM 1% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.
 (4) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS LOADINGS.
 (5) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
 (6) STRUCTURE CLEARANCES - MINIMUM 10 FEET.
 (7) MAINTENANCE - SUBJECT TO WEATHER USE.
 - ALL AREAS ARE MORE OR LESS.
 - ALL DISTANCES SHOWN ARE BASED ON SURFACE MEASUREMENT AND NOT REDUCED TO HORIZONTAL MEASUREMENT.
 - THIS PLAT DENOTES PUBLIC FOREST CONSERVATION EASEMENT. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 2-103 OF THE HOWARD COUNTY CODE FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT UNLESS FOREST MANAGEMENT PRACTICES AS DEFINED IN THE FIELD OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
 - ENGINEERING PROVIDED BY STANLEY ENGINEERING, INC., DATED AUGUST 19, 1994.
 - THIS PLAT IS THE RESULT OF A FIELD SURVEY AND A SET OF OBJECTS BEING FOUND. THE SURVEYOR HAS BEEN ADVISED BY THE FIELD SURVEYOR OF THE PRESENCE OF A PUBLIC UTILITY AND A MAJOR COLLECTOR ROAD. THE SURVEYOR HAS ADVISED THE PLANNING DIRECTOR OF THE COUNTY.

INTERSTATE 70
 (SRC PLAT No. 6895)
 VEHICULAR INGRESS AND EGRESS IS DENIED WITHIN THIS SHEET

OWNER(S) AND DEVELOPER(S)
 Mr. Robert E. Harrison, 2501 Lakeside Blvd, Washington, Maryland 21277
 Ms. Loretta Wideman, 4400 Holly Tree Lane, Washington, Maryland 21244

BRUCE W. KNOFF III
 12003 Rt 216
 FULTON, MD 20759
 Home (301) 498-7561
 Work (301) 633-5300
FISHER, COLLINS & CARTER, INC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 HOWARD COUNTY HEALTH OFFICER
 DATE: 11-26-95

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 DIRECTOR
 DATE: 5/12/95

APPROVED: FOR STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR
 DATE: 5-95

OWNERS CERTIFICATE

ROBERT E. HARRISON AND LORETTA WIDERMAN, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWER, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VARIABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEASIBLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS MY HAND THIS 5th DAY OF 1995.

ROBERT E. HARRISON
 LORETTA WIDERMAN

WITNESS
 WITNESS

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAN HEREIN IS A TRUE AND CORRECT REPRESENTATION OF THE FIELD SURVEY AND THAT IT IS A SUBDIVISION COMPRISED OF LAND AND CONVEYED TO THE PERSONS NAMED HEREIN BY THE DEPARTMENT OF PLANNING AND ZONING, REPRESENTATIVE OF THE STATE OF MARYLAND. I, THE SURVEYOR, HEREBY RELEASED TO ROBERT E. HARRISON AND LORETTA WIDERMAN BY DEED DATED JUNE 23, 1994 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 29-10-94-73 AND THAT ALL EASEMENTS ARE IN FULL FORCE AND WILL BE IN FULL FORCE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY. ALL SURVEYS IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME, AND THE BOUNDARY SURVEY IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

TERRELL A. FISHER, L.S. #10692
 DATE: 5/12/95

RECORDED IN PLAT 11731 IN MAY 16, 1995.
 APPROVED BY THE RECORDS OF HOWARD COUNTY, MARYLAND.

Widerman - Harrison Property
 LOTS 1 thru 3
 PARCEL No. B-141
 THIRD ELECTION DISTRICT 1 HOWARD COUNTY, MARYLAND
 DATE: MAY 23, 1995

0 100 200 300
 SCALE IN FEET
 SHEET 1 of 1
 F95-47

1. ON T. TROLS AS SHOWN ON PLAN. (1 day)
 2. GRADING AND STABILIZE THE SITE. (2 days)
 3. ON SITE. (90 days)

4. ABILIZED AND PERMISSION IS GRANTED FROM L. INSPECTOR, REMOVE SEDIMENT CONTROLS MAINTAINING DISTURBED AREAS.

5. OR CLEARED AREAS LIKELY TO BE REDISTURBED RM VEGETATIVE COVER IS NEEDED.

6. EE INCHES OF SOIL BY RAKING, DISCING BLE MEANS BEFORE SEEDING. LOOSENEED.

7. R ACRE 10-10-10 FERTILIZER (4 LBS./1000 SQ. FT.)

8. MARCH 1 THROUGH APRIL 30, AND AUGUST 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL SOFT FESCUE FOR THE PERIOD MAY 1 THRU AUGUST 14. CRE OF WEEPING LOVEGRASS (07 LBS./1000 SQ. FT.). NOVEMBER 16 THRU FEBRUARY 20. PROTECT SITE BY ER ACRE OF WELL ANCHORED STRAW MULCH AND POSSIBLE IN THE SPRING, OR USE SOD.

9. TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) L GRAIN STRAW IMMEDIATELY AFTER SEEDING. DIATELY AFTER APPLICATION USING MULCH 2 218 GALLONS PER ACRE (5 GAL./1000 SQ. FT.) ALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, ER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

10. MARYLAND STANDARDS AND SPECIFICATION FOR SOIL ENT CONTROL FOR RATE AND METHODS NOT COVERED.

11. E5 HALL BE STABILIZED AS FOLLOWS:

12. EE INCHES OF SOIL BY RAKING, DISCING BLE MEANS BEFORE SEEDING.

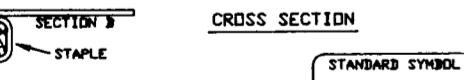
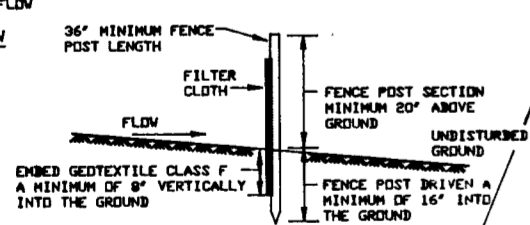
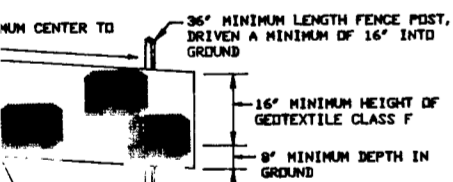
13. ER ACRE DOLOMITIC LIMESTONE (92 LBS./ 00 LBS. PER ACRE 0-20-20 FERTILIZER) BEFORE SEEDING HARROW OR DISC. INCHES OF SOIL. AT TIME OF SEEDING, R ACRE 30-0-0 UREAFORM FERTILIZER J AND 500 LBS. PER ACRE (1.5 LBS./ -20-20 FERTILIZER.

14. MARCH 1 THROUGH APRIL 30, AND AUGUST 15, SEED WITH 100 LBS. PER ACRE (2.3 OF KENTUCKY 31 TALL FESCUE, FOR THE OUGH JULY 31, SEED WITH 60 LBS./ACRE T) KENTUCKY 31 TALL FESCUE AND (0.05 LBS./1000 SQ. FT.) OF WEEPING G THE PERIOD OF OCTOBER 16 THROUGH UJECT SITE BY: OPTION (1) - TWO TONS PER CHORED STRAW MULCH AND SEED AS SOON AS PRING; OPTION (2) - USE SOD; OPTION (3) - 5/ACRE KENTUCKY 31 TALL FESCUE AND MULCH RE WELL ANCHORED STRAW. ALL SLOPES SHOULD

15. TONS PER ACRE (10 TO 90 LBS./1000 SQ. FT.) LL GRAIN STRAW IMMEDIATELY AFTER SEEDING. MEDIATELY AFTER APPLICATION USING 200 E (5 GAL./1000 SQ. FT.) OF EMULSIFIED ACRES, ON SLOPES 8 FEET OR HIGHER USE : ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

16. YED AREAS AND MAKE NEEDED REPAIRS, 17. D RESEEDINGS.

18. VDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS EQUIPMENT. OPTIMUM SEEDING DATE FOR THIS RCH 1 TO APRIL 30.



19. ACENT SILT FENCES

20. Construction Specifications
 a minimum of 36" long driven 16" minimum into the ground. 1 1/2" x 1 1/2" square (minimum cut, or 1 3/4" diameter) of sound quality hardwood. Steel posts will be weighting not less than 1.00 pound per linear foot.
 fastened securely to each fence post with wire ties mid-section and shall meet the following requirements:

30 lbs/in (min.)	Tests MSMT 509
20 lbs/in (min.)	Tests MSMT 509
0.3 gal ft ² /minute (max.)	Tests MSMT 322
75% (min.)	Tests MSMT 322

21. silt fabric cone together, they shall be overlapped, prevent sediment bypass.

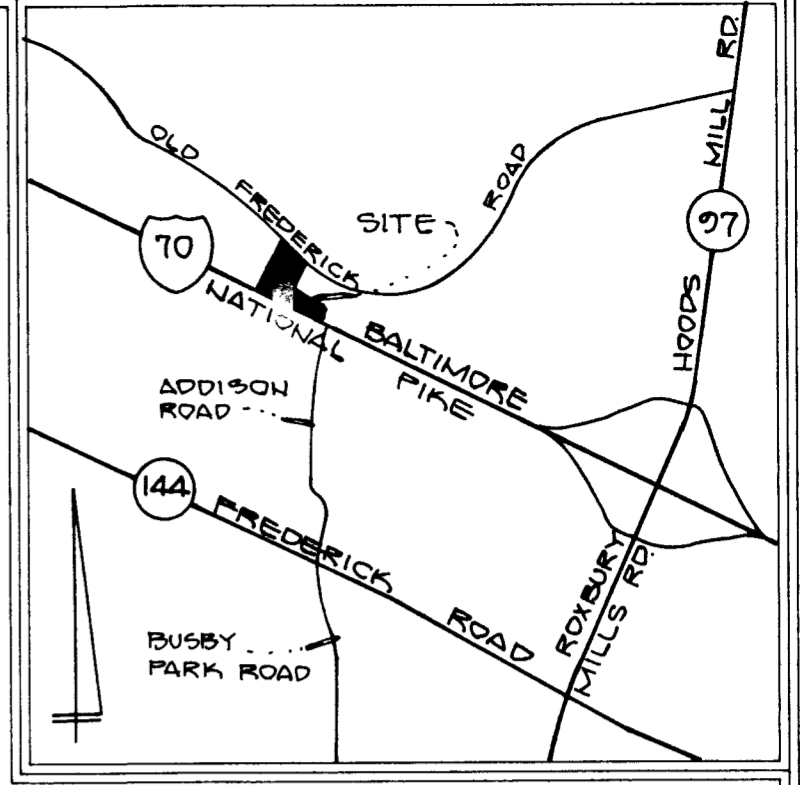
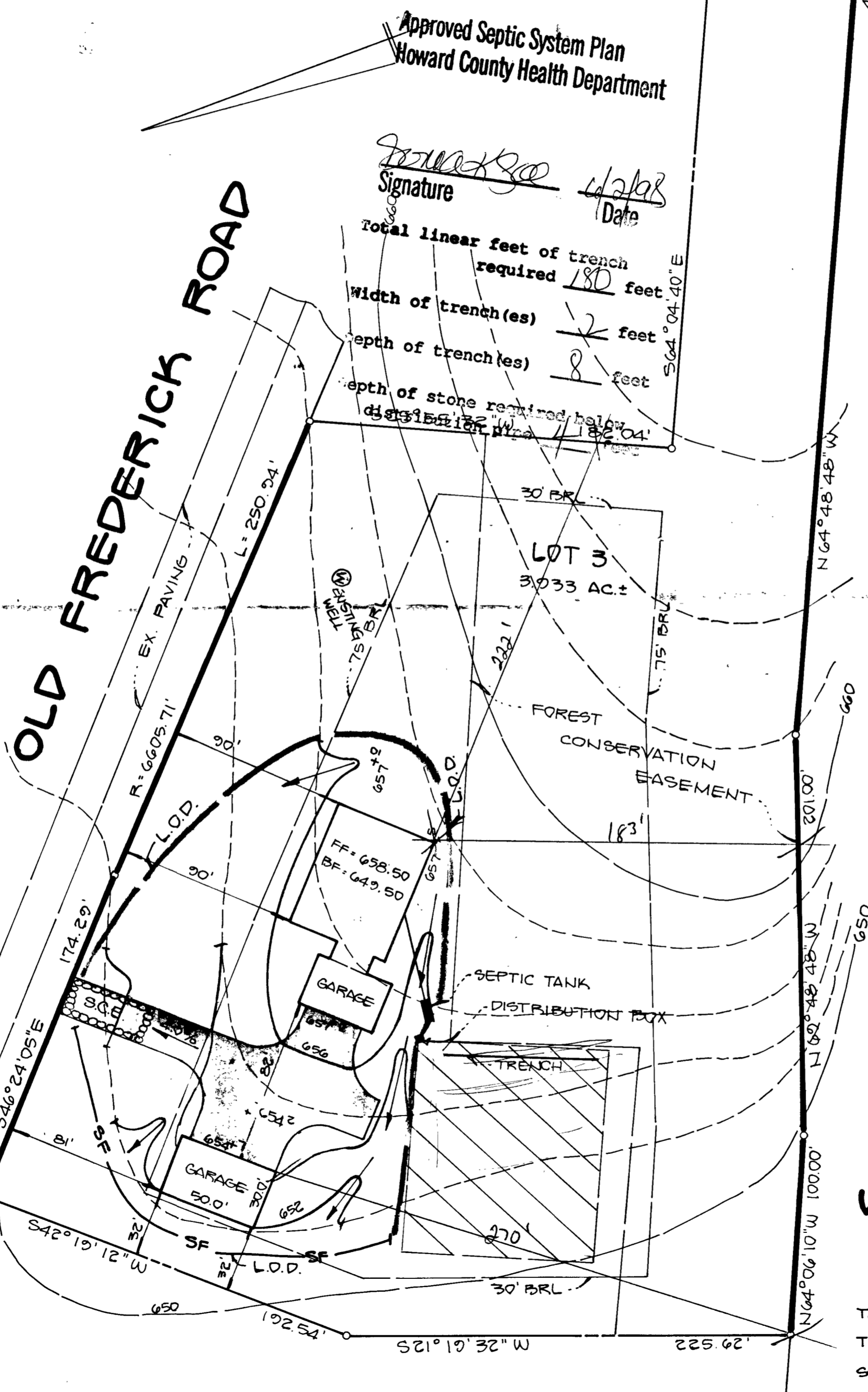
22. Inspected after each rainfall event and maintained when sediment accumulation reached 50% of the fabric height.

23. SILT FENCE
 NOT TO SCALE

24. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
 TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5 % BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.

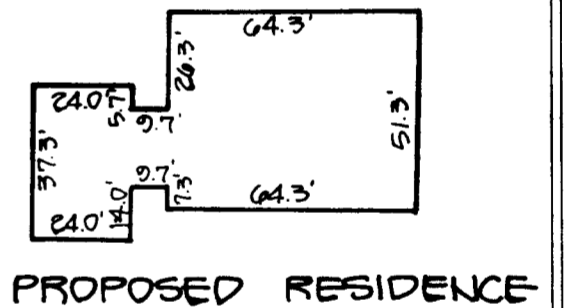
25. TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

26. WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.



VICINITY MAP
 SCALE: 1"=2000'

- GENERAL NOTES
1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
 2. PROPOSED 1500 GALLON SEPTIC TANK.
 3. A. FIRST FLOOR ELEVATION: 658.50
 B. BASEMENT ELEVATION: 649.50
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 653.50
 D. INVERT IN AT SEPTIC TANK: 652.60
 E. INVERT OUT AT SEPTIC TANK: 652.27
 F. PROPOSED GRADE OVER SEPTIC TANK: 656.00
 G. INVERT AT DISTRIBUTION BOX: 651.00
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 655.00
 4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
 5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
 6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.



INTERSTATE 70

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
WIDERMAN HARRISON PROPERTY
 LOT 3
 TAX MAP: 8 PARCEL: 141
 THIRD ELECTION DISTRICT HOWARD COUNTY, MD
 SCALE: 1"=50' DATE: MAY, 1998

<p>B 1 3319</p> <p>SEQUENCE NO. (MDE USE ONLY)</p> <p>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</p>	<p>STATE OF MARYLAND PERMIT TO DRILL WELL</p> <p>please print or type</p>	<p>STATE PERMIT NUMBER</p> <p>HO-94-0780</p> <p><small>70 fill in this form completely. 79</small></p>
<p>Date Received (APA) 042596</p> <p>OWNER INFORMATION</p> <p>15 Last Name: KMAUFF BRUCE W Owner First Name: W 34 36 Street or RFD: 12003 ROUTE 216 55 57 Town: FULTON 70 State 72: MD 76 Zip: 20759</p>	<p>B 3 LOCATION OF WELL</p> <p>1 2 HOWARD 8 COUNTY: 21 23 SUBDIVISION: WILDERMAN-HARRISON PWP 42 SECTION: 44 46 LOT: 3 48 50 52 NEAREST TOWN: COOKSVILLE 71 MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78 MI</p>	<p>B 4</p> <p>1 2 DLD FRED RD 11 NEAR WHAT ROAD: 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 40 37 DISTANCE FROM ROAD: ENTER FT OR MI 177 38 39 TAX MAP: 8 BLK: 10 PARCEL: 141</p>
<p>DRILLER INFORMATION CIRCLE: MSD/MGD/MWD</p> <p>George F. Easterday Driller's Name: 40 77 License No. 80 L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd., MT. Airy, Md. 21771 Address Signature: George F. Easterday 4-24-96 Date</p>	<p>B 2 WELL INFORMATION</p> <p>1 2 APPROX. PUMPING RATE (GAL PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20</p>	<p>USE FOR WATER (CIRCLE APPROPRIATE BOX)</p> <p><input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)</p> <p><input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)</p> <p><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)</p> <p><input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)</p> <p><input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)</p>
<p>APPROXIMATE DEPTH OF WELL 200 24 28 FEET</p> <p>APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH</p> <p>METHOD OF DRILLING (circle one)</p> <p>BORED (or Augered) JETTED Jetted & DRIVEN</p> <p><input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary)</p> <p><input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT</p> <p>other</p>	<p>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</p> <p>Howard COUNTY NAME: A50033D COUNTY NO.</p> <p>STATE SIGNATURE: Mark E. Ripken DATE ISSUED: 5/8/97</p> <p>543 NORTH GRID: 546000 55 EAST GRID: 0791000 57 63</p>	<p>SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X</p> <p>SOURCES OF DRILLING WATER</p> <p>1. wells</p> <p>2.</p> <p>3.</p> <p>WRITE THE BOX NUMBER FROM THE MAP HERE</p> <p>E 7921 N 5486</p> <p>000 000</p> <p>DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION.</p> <p>5/24/96 8:00gROUT X NO. INS. 5/28/96 LOCATION OF SAMPLE @ 130 300 DEED GROUT COMPLETE - NO DATA TAG ON WELL</p> <p>Sketch showing location of well in relation to nearby towns and roads. Includes OLD FRED RD, COOKSVILLE, and grid coordinates (97, 70, 144).</p>
<p>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</p> <p><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</p> <p><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</p> <p><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS</p> <p><input type="checkbox"/> THIS WELL WILL DEEPEM AN EXISTING WELL</p> <p>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41</p>	<p>APPROX. PUMPING RATE (GAL PER MIN.)</p> <p>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)</p>	<p>APPROX. PUMPING RATE (GAL PER MIN.)</p> <p>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)</p>
<p>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</p> <p>APPROX. PERMIT NUMBER 54 GAP 63</p> <p>FORCE M12 WRITE INITIALS IN BOX PERMIT No. HO-94-0780 70 71 72 73 74 75 76 77 78 79</p>	<p>SPECIAL CONDITIONS</p> <p>NOTE & APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</p>	<p>SPECIAL CONDITIONS</p> <p>NOTE & APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</p>

4/6/99 @ 4:06 PM

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

FAX: 313-2648 Phone: 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 4/8/99

Name of Installer ROBERT L. FEEZEL Co., Inc.

Telephone 410-781-4637

License Number 2122

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner BRUCE K. WOLFF

Telephone 301-498-7561

Subdivision _____ Lot # _____

Well Tag # HO-94-0780

Site Address 14851 OLD FREDERICK RD.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make Goulds
- Model # 76507412
- Capacity 7 GPM
- Pump exceeds well capacity Yes _____ No

Motor

- Horsepower 3/4
- RPM 3450
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make HOWARD
- Model # PT800
- Depth 42"

- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

CAPTURE AND

Tank

- Capacity 119 GMS.
- Pressure relief valve? YES

Piping

- Type Poly.
- Size 1"
- NSF and/or BOCA Code approved YES
- Depth of supply line 42"

Well data

- Depth 300 ft.
- Yield 12 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? YES

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: 4/8/99

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

4/7/99
WPI -
Amjune

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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____ Receipt # _____
Replacement _____ Date _____

Name of Installer _____ Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner _____ Telephone _____
Subdivision _____ Lot # _____ Well Tag # _____
Site Address 14851 Old Frederick Rd

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

WPI - 2 piece cap OK Best No Sound of conduit pipe OK water sp ok from pit has adapter underneath, brand, well to supply conductor 4/7/99

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

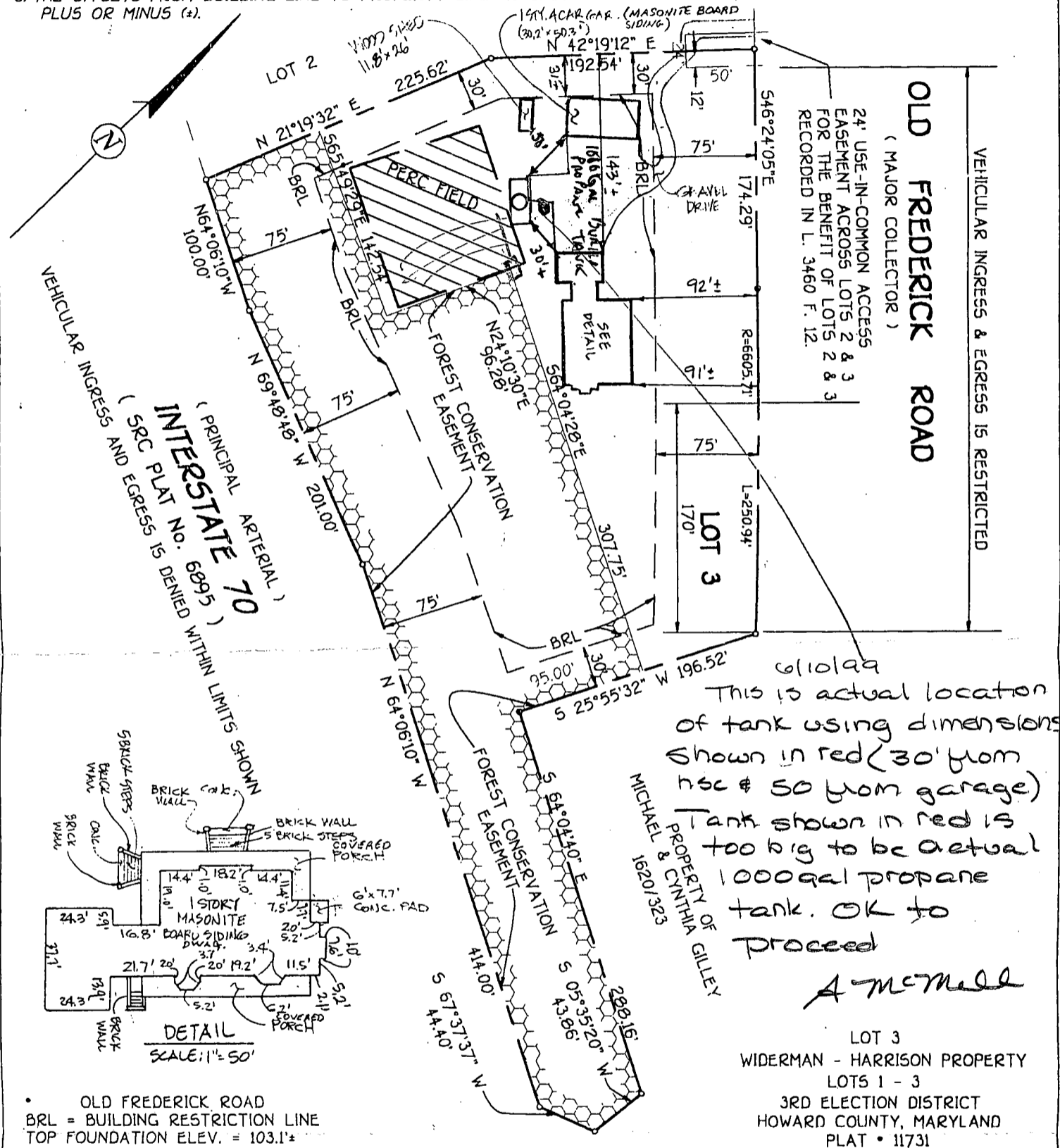
Signature of Applicant: _____

Date: _____

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

GENERAL NOTES:

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440008 B, EFFECTIVE DATE: DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (+/-).



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

G:\DWG\61241\61241 LOT3 HL.DWG

STATE OF MARYLAND
MARK L. ROBEL
NO. 339
REGISTERED
PROPERTY LINE SURVEYOR

Mark L. Robel 6/2/99
PROFESSIONAL LAND SURVEYOR DATE
REG. • 339

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 7-20-98
FINAL LOCATION: 6-2-99
BOUNDARY SURVEY: _____

SCALE: 1"=100'
DATE: 7-21-98
DRAWN BY: J.A.U.
CHECKED BY: M.L.R.
PROJECT No.: 61241