

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

P 511426

A 50033-C

DISTRICT _____

DATE 2/18/99

DATE SYSTEM APPROVED 3/18/99

INSPECTOR du

04-356772
INDEXED

3/9/99
2-3pm
cancel
3/17/96
3/10/99
ASAP
3/17/99
2-3pm
ready in afternoon

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER _____

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

SUBDIVISION Widerman Property LOT 2 ROAD 14881 Old Frederick Road

PROPERTY OWNER Precision Homes, Inc. Julie Marcharry

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the breakpoint in the left lot line (225.62'/192.54') intersection), place the distribution box 45 feet down the 225.62' lot line and 115 feet off this same lot line. Run trenches on contour to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK KM 11/16/98

PLANS APPROVED BY Mark E. Rifkin DATE 11-13-98

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

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

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

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

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

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

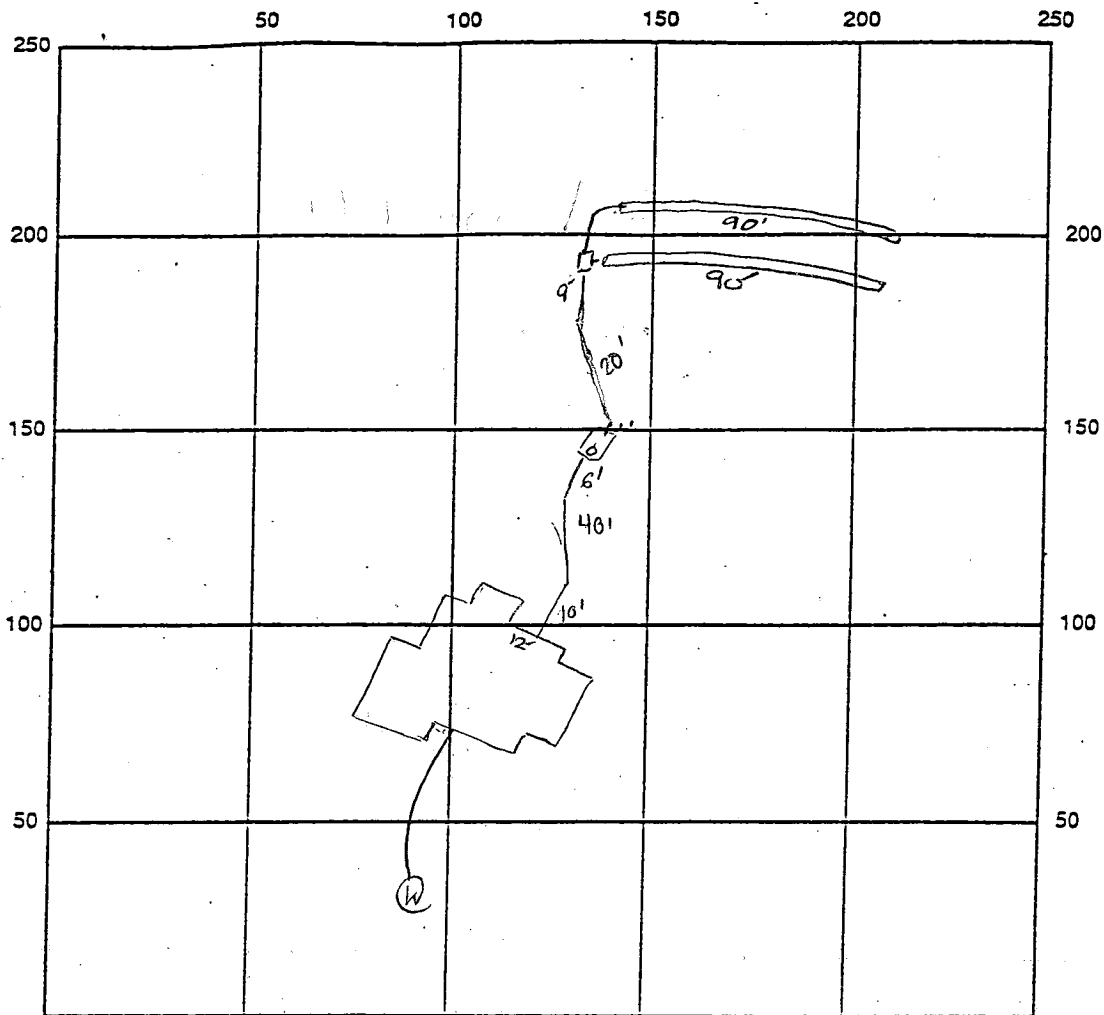
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-250(6-90) *CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

ALDO PERMIT SIGNED
AND RETURNED 5-4-99
Serial # 50117647
purpose bank

150033-C



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

SEPTIC TANK LEVEL OK - 1250 gal top sealed CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH ①90 = total 1,80
②90 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 3/17/99 house connection OK. OK to cover from house
to dist box and OK to cover 1st trench. OK
3/18/99 OK to cover all work

DATE SYSTEM APPROVED 3/18/99 INSPECTOR A. McMull

APPLICATION

PERCOLATION TESTING

A 50033C

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. WIDERMANN FRANK & JULIE MAKCHANY

ADDRESS 4911 CHERRY TREE LANE SYKESTOWN MD 21784 PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WIDERMANN PROPERTY LOT NO. 2

ROAD AND DESCRIPTION NW CORNER OF I-70 AND OLD FREDERICK ROAD (14881 Old Frederick Road)

BLDG. PERMIT SIGNED

AND RETURNED 11-13-98

Serial # B00115037

TAX MAP 8 PARCEL # 141

SIZE OF LOT 3.0 AC ± TYPE BLDG. SINGLE FAMILY - 4 BDRM
(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.

Cheryl

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING RE-PERC OK, 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 #

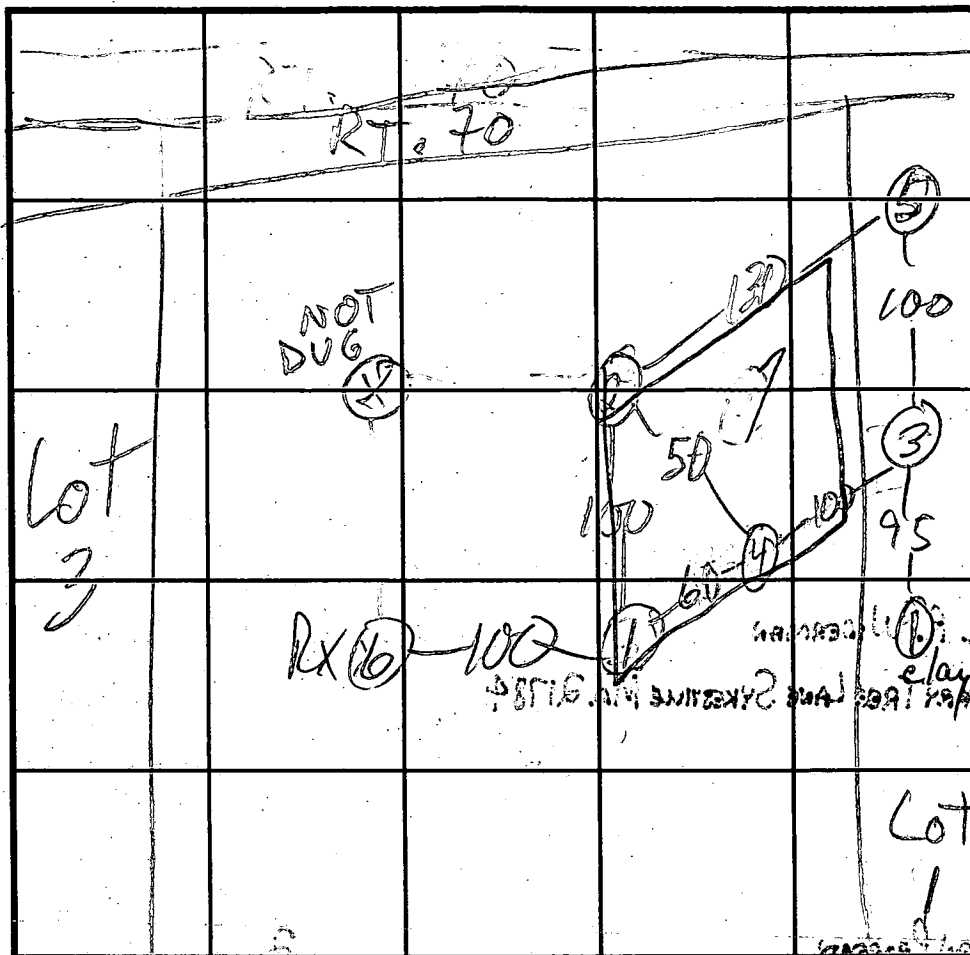
SOIL PROFILE

099 br
sicl lm

brn
si sa
lm
10-15%
frags

brn
cl lm
>50%
Rock
HARD
BOT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/21/84	1 S	5	11:43	11:45	11:45:10	11:47	2	
6/20/84	2 S	12	OK	see	profile	see		
	2 S	6	2:04	2:08	2:08	2:18	10	
	2 V	12						
	4 V	12	OK	see	profile			
	6 V	9	ROCK - REFUSAL					
	3 S	6 1/2	11:50	11:54	11:54	12:01	7	
	5 S	6 1/2	12:57	1:02	1:02	1:09	7	
	5 V	13	H2O @ 12 1/2"					

REMARKS USE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

TYPE OF SOIL

TESTED BY H. Ripkin SEE NEXT SHEET ALSO PRESENT Fogle's, owner FCC surveyor

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 TRENCH WIDTH 3

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

APPLICATION

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 2

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

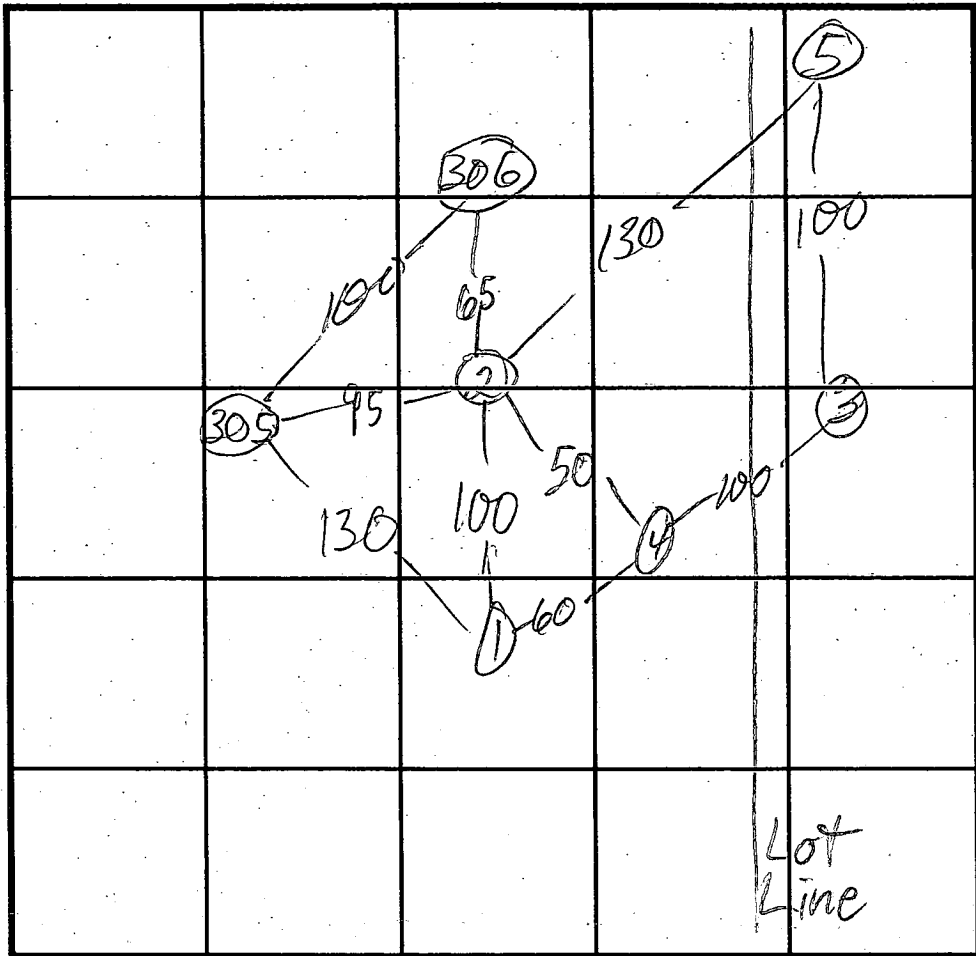
COUNTY #

SOIL PROFILE

0' (305) (306)
 0-4' org
 yel
 sand
 loam
 4' yellow
 tan
 purple
 sand
 loam
 5-10% frags
 11'9"

SOIL PROFILE

0'



O.F. RD 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	305M	5	11:26	11:29	11:29	11:33	4
		8 1/2	11:25=30	11:28	11:28	11:31	3
	305V	11'9"					
	306M	5'3"	11:38	11:40	11:40	11:43	3
		9	11:38	11:41	11:41	11:46	5
	306V	11'9"					
	HOLES (1)-(5) PER PREVIOUS LOCATIONS						

REMARKS _____

TYPE OF SOIL _____

TESTED BY M. Ripkin ALSO PRESENT Zach Fogle crew

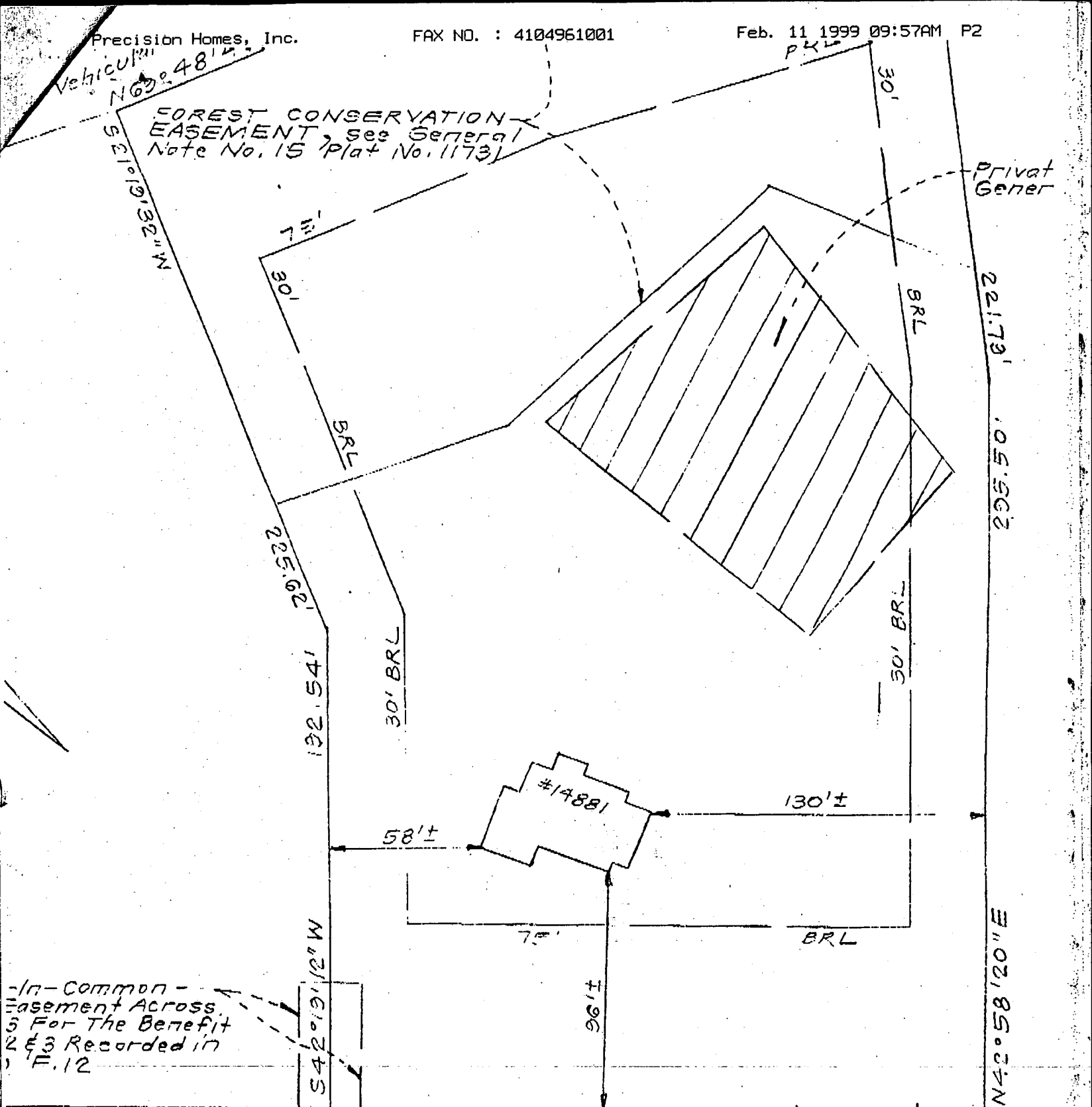
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15 TRENCH WIDTH 2

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

Vehicle # 48
No. 15

FOREST CONSERVATION EASEMENT, see General Note No. 15 (Plat No. 1173)

Private General



-In-Common-
Easement Across
5 For The Benefit
2 & 3 Recorded in
F. 12

Vehicle Ingress & Egress is Restricted

14881

OLD FREDERICK

(MAJOR COLLECTOR)

R

HOUSE MOVED 8' TO REAR-OK

1:50 WALL CHECK OK

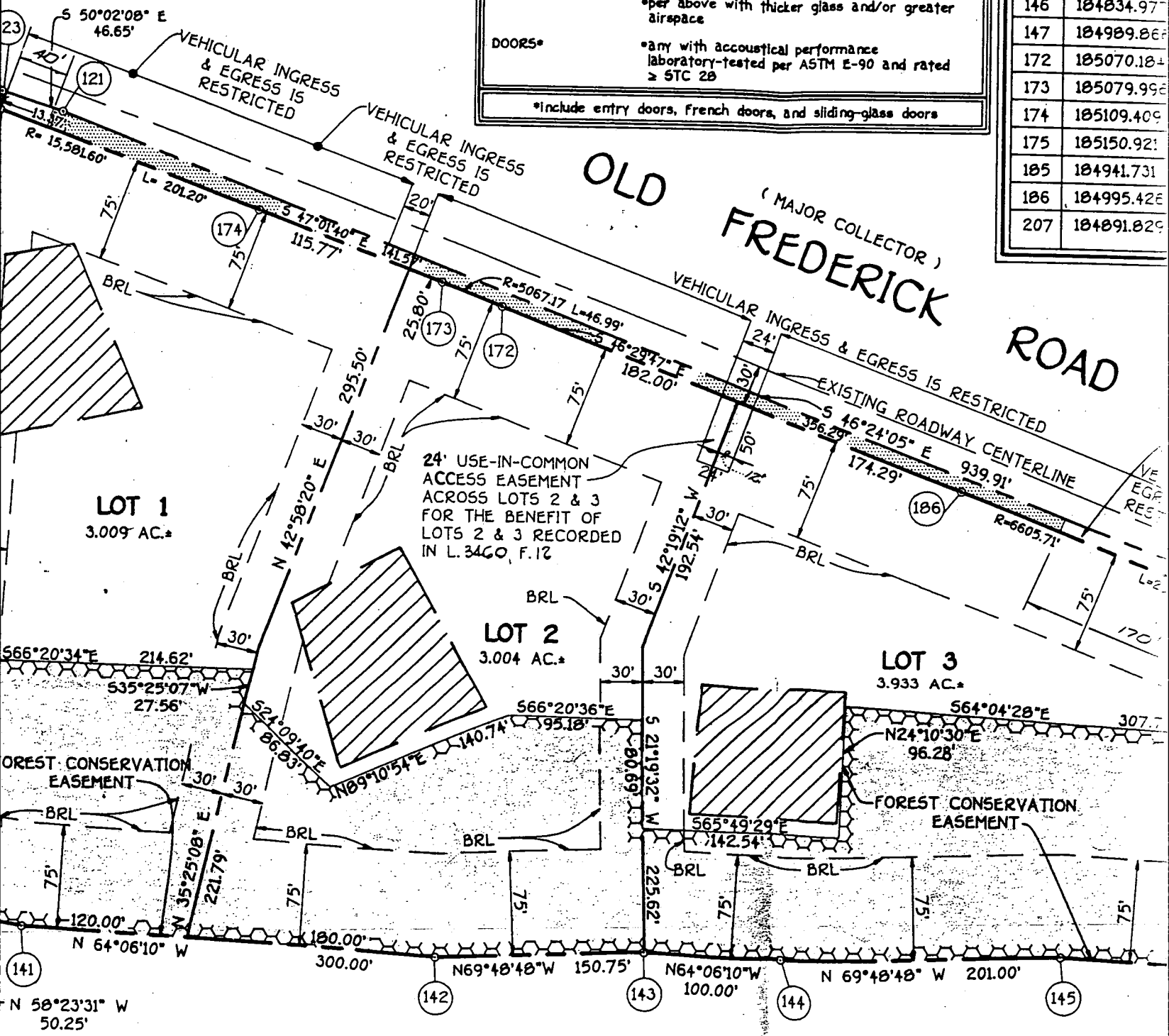
MR 2/18/99

UNREASONED OUTDOOR EXPOSURE MAY RESULT IN HEARING IMPAIRMENT.

ALL DWELLINGS MUST MEET THE CONSTRUCTION SPECIFICATIONS IN TABLE 1 AND 2 SHOWN HEREON.

CONSTRUCTION FEATURES	
configurations meeting STC min per Table 1	
EXTERIOR WALLS	<ul style="list-style-type: none"> • aluminum or vinyl siding + 1/2 in. gypsum board sheathing + 2 X 4-in. wood studs (16 in. 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	<ul style="list-style-type: none"> • Double-glazed, operable: 3/4-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*	<ul style="list-style-type: none"> • any with acoustical performance laboratory-tested per ASTM E-90 and rated \geq STC 28
*Include entry doors, french doors, and sliding-glass doors	

121	185145.449
123	185154.580
138	184988.36
141	184980.33
142	184940.400
143	184924.544
144	184911.232
145	184890.09
146	184834.97
147	184989.86
172	185070.184
173	185079.99
174	185109.409
175	185150.921
185	184941.731
186	184995.42
207	184891.829



Copy of Signed Final

INTERSTATE

70

(SRC PLAT No. 6895)

VEHICULAR INGRESS AND EGRESS IS DENIED WITHIN LIMITS SHOWN

OWNER(S) AND DEVELOPER(S)

LOT 1
PROPERTY OF
ABRAHAM AND VIRGINIA
BATES
LIBER 408, FOLIO 238

P.2

G1B2

LIMIT
OF DISTURBANCE

EKB2

LIMIT
OF DISTURBANCE

FOREST
CONSERVATION
EASEMENT

LOT 1
3.0 AC.

LOT 2
3.0 AC.

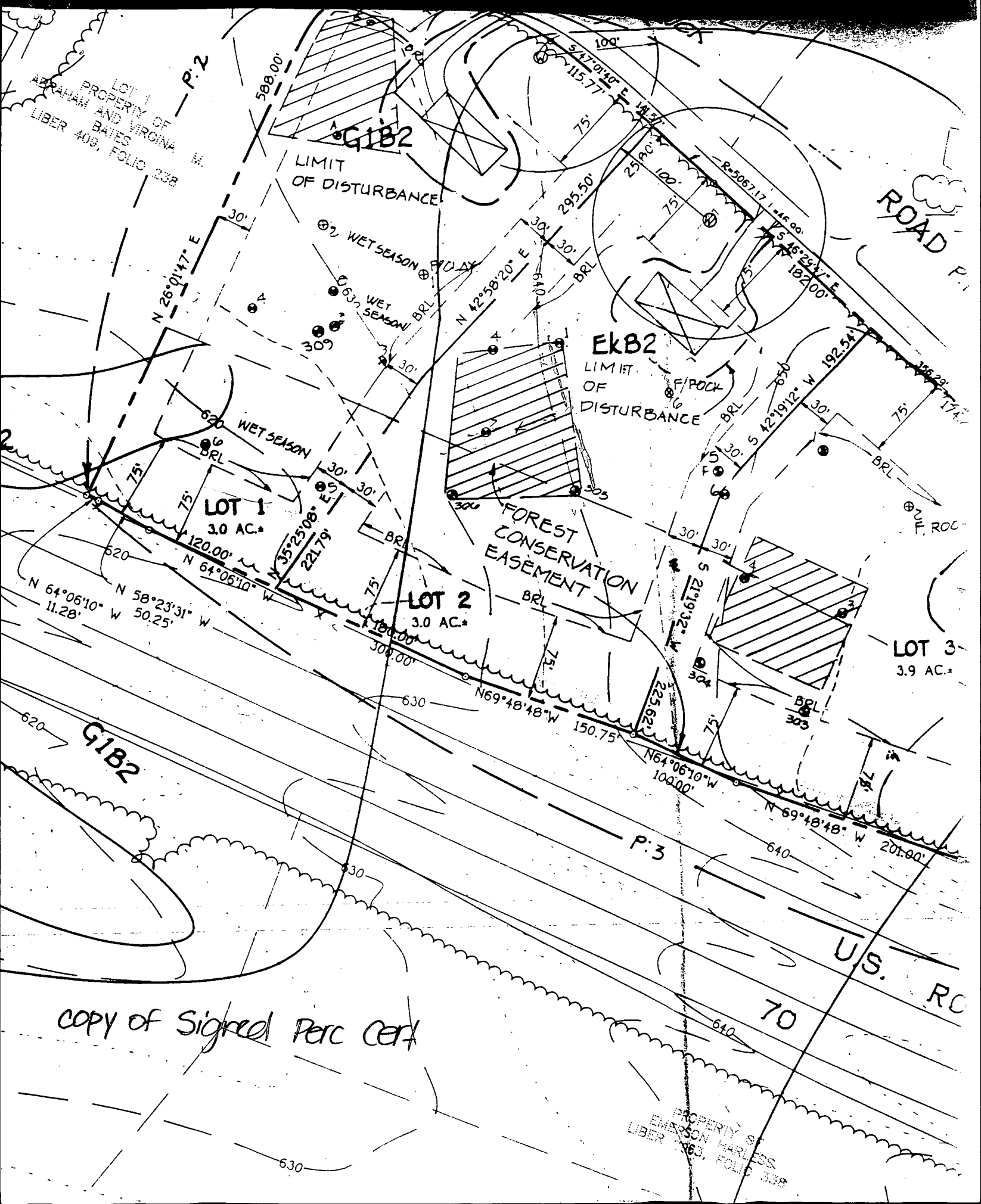
LOT 3
3.9 AC.

ROAD P.1

U.S. RC

copy of Signed Perc Cert

PROPERTY OF
EMERSON MARLINS
LIBER 463, FOLIO 358



Approved Septic System Plan
 Howard County Health Department

BOO115037

Mark E. Pflkin
 Signature

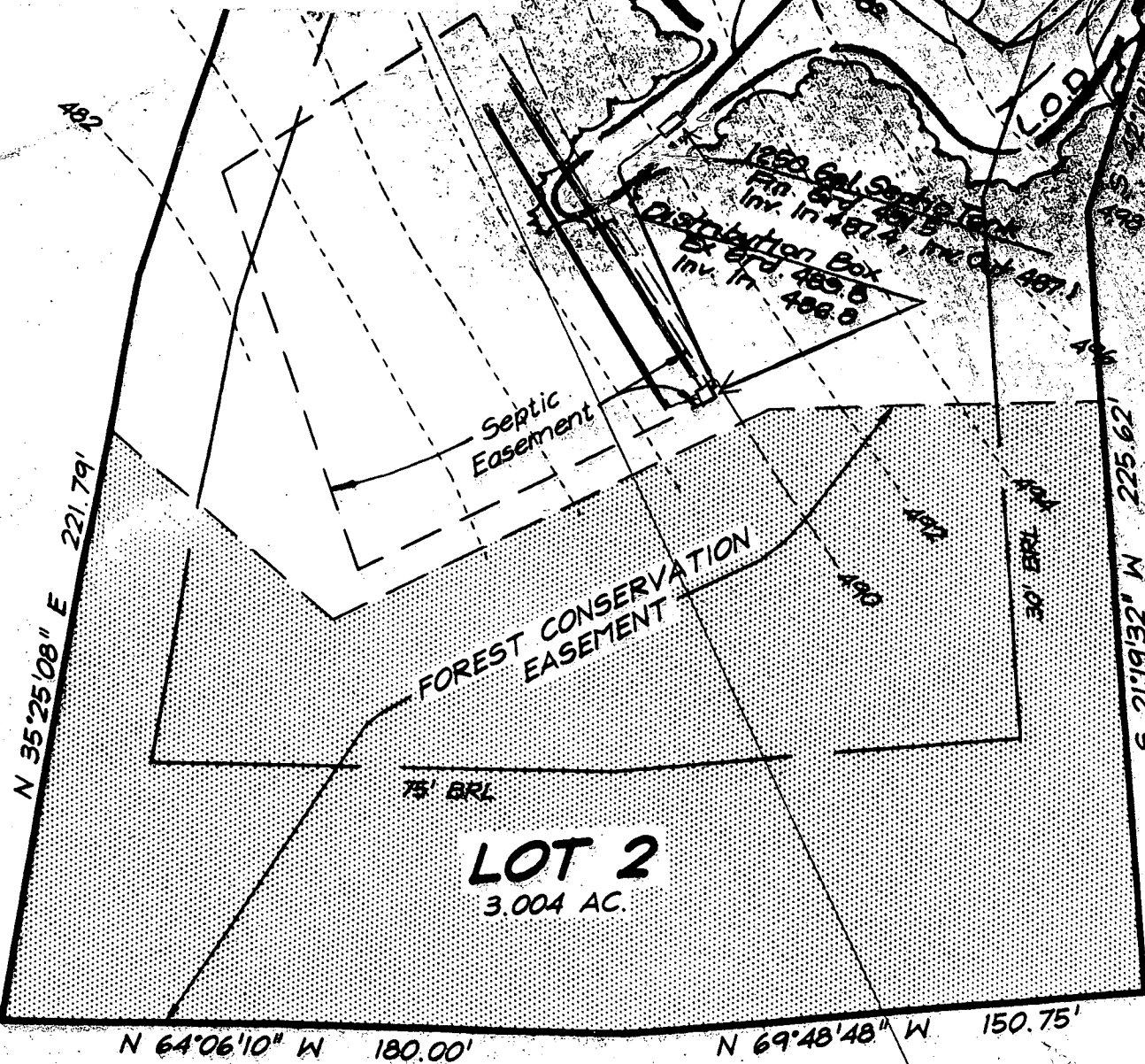
11/13/98
 Date

Total linear feet of trench
 required 180 feet

Width of trench(es) 2 feet

Depth of trench(es) 8 feet

Depth of stone required below
 distribution pipe 4 feet



LOT 2
 3.004 AC.

1" = 50'
 PLAN BY
 CF+S
 10/98

VEHICLE INGRESS & EGRESS RESTRICTED
 R=5067.17
 L=46.99
 S 46°29'47" E 182.00'
 ROAD
 ROAD

482

N 35°25'08" E 221.79'

N 64°06'10" W 180.00'

N 69°48'48" W 150.75'

S 21°19'32" W 225.62'

OBSERVATION EASEMENTS

AND ASSIGNS, ALL FORM DRAINAGE, OTHER AND AS 'FOREST' HIGH LOTS 1 THRU 3, INCLUSIVE, SUBJECT TO THE EASEMENTS IN THE DEED(S) CONVEYING DEEDS FOR THE EASEMENTS AND BOUNDS, DESCRIPTION OF THE PUBLIC UTILITIES, AND USE OF THE FOREST DEVELOPER'S OBLIGATIONS, MAINTENANCE AGREEMENT, RELEASE OF DEVELOPER'S LIABILITY TO ACCEPT THE EASEMENTS RECORDS OF HOWARD COUNTY.

185	184941.731
186	184995.426
207	184891.829

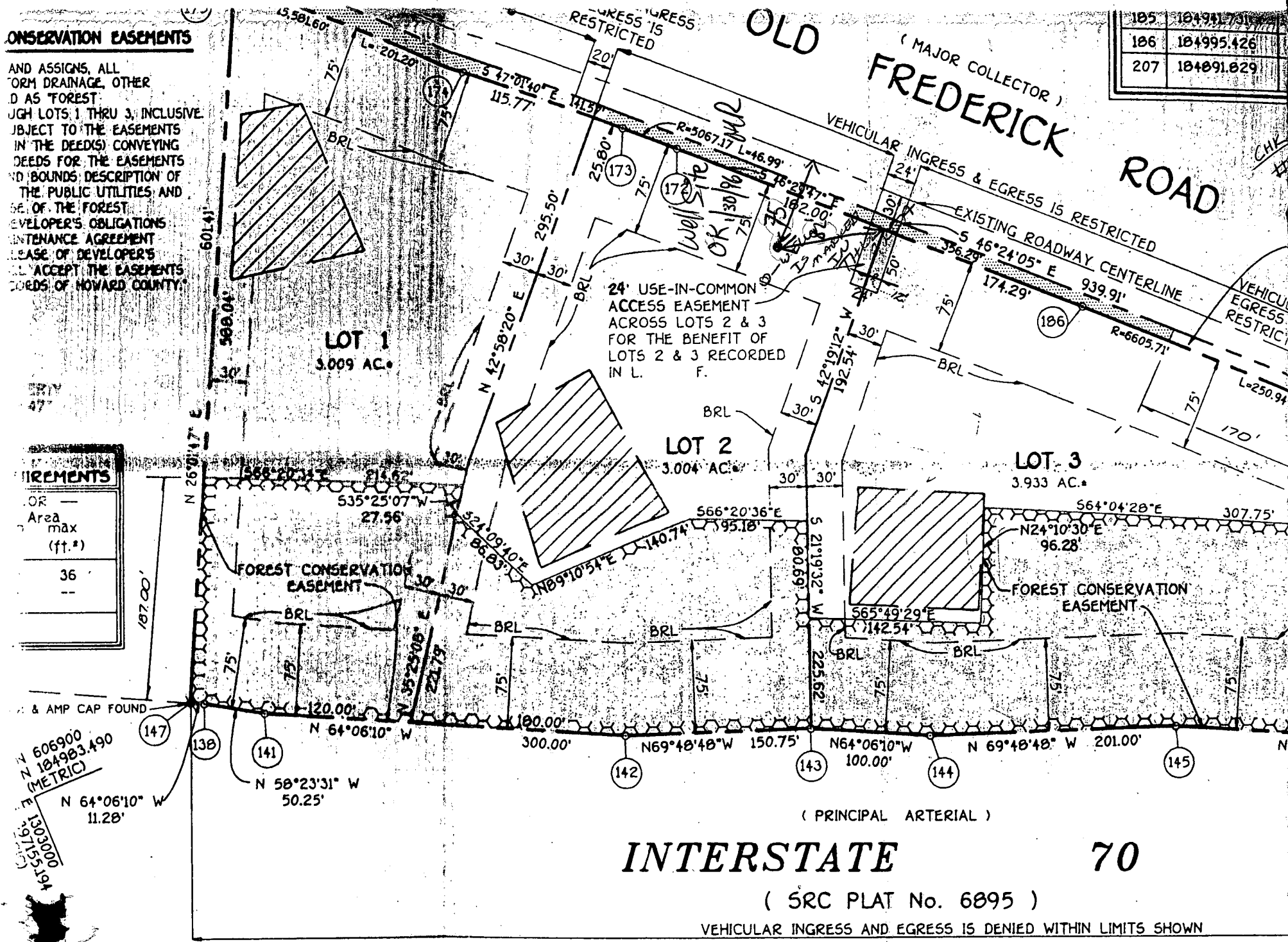
OLD FREDERICK ROAD
(MAJOR COLLECTOR)
VEHICULAR INGRESS & EGRESS IS RESTRICTED

REQUIREMENTS

Area max (ft.²)	36
-----------------	----

606900
184983.490
(METRIC)
1303000
5155150
19715194

RECORDED 3
RECORDED 0
RECORDED 3
RECORDED 9.946 Ac.*
RECORDED 0.000 Ac.*



OWNER(S) AND DEVELOPER(S)

Mr. Robert E. Harrison Mrs. Loretta Wideman

C1 0235

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 COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 5033C

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 021496

Depth of Well 200

PERMIT NO. HD-93-0257

OWNER Moore, Elisa; STREET OR RD. Old Frederick Road; TOWN Cooksville; SUBDIVISION WIDERMAN PROP; SECTION ; LOT 2

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Topsoil, Clay, Br. Sls, Tan Sls, Gray Sls, Br. Sls, Gray Sls, Prairie Grass, Gray Sls.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 11 NO. OF POUNDS 1100

GALLONS OF WATER 55

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 37 ft.

CASING RECORD

ST CO PL OT (Steel, Concrete, Plastic, Other)

MAIN CASING TYPE, Nominal diameter top (main) casing, Total depth of main casing

ST 6 40 (Main casing details)

OTHER CASING (if used) diameter inch, depth (feet)

SCREEN RECORD

ST BR HO PL OT (Steel, Brass Bronze, Open Hole, Plastic, Other)

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED (Y) (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"...

TYPE: MWD/MSD/MGD; DRILLERS LIC. NO. 40

DRILLERS SIGNATURE: Steven L. Eustenlay

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MWD 386

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

DEPTH (nearest ft.)

Handwritten depth data: 40, 38, 200

SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN

DIAMETER OF SCREEN 56, 60

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 (74, 75, 76); TELESCOPE CASING, LOG INDICATOR, OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 8.0

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 46 ft.

WHEN PUMPING 51 ft.

TYPE OF PUMP USED (for test)

A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

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

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

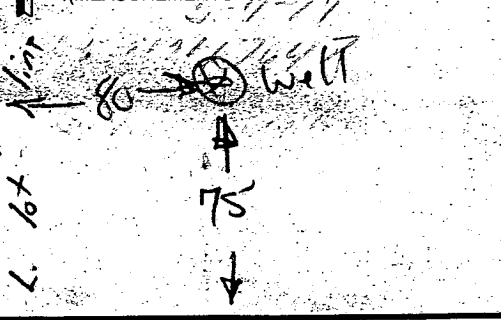
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

Handwritten casing height data: + above, 2 below

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



COUNTY

B 1 **3749** SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

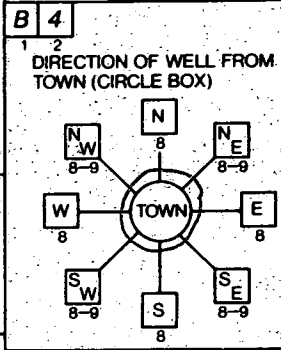
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
40-93-0257
 fill in this form completely

Date Received (APA) **012496**
 OWNER INFORMATION
MOORE ELISA M
 15 Last Name Owner First Name 34
6593 TWIN LAKE CT
 36 Street or RFD 55
NEW MARKET MD 21774
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD
 8 COUNTY 21
WIDERMAN PROPERTY
 23 SUBDIVISION 42
 SECTION LOT
 44 46 48 50
COOKSVILLE
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **0** MI
 73 76 77 78

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD
George F. Easterday
 Driller's Name 77 License No. 80 **40**
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd., Mt. Airy, Md. 21771
 Address
George F. Easterday 1-23-96
 Signature Date



OLD FREDERICK RD
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **30** 37
 DISTANCE FROM ROAD
 ENTER FT OR MI **FT**
 38 39
 TAX MAP: _____ BLK: _____ PARCEL _____

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
A50033C COUNTY NO.
 STATE SIGNATURE DATE ISSUED **020695** Mark E. Rifein 2/6/96
 43 48 CO SIGNATURE EXP. DATE
 NORTH GRID **546000** EAST GRID **0791000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET
 24 28

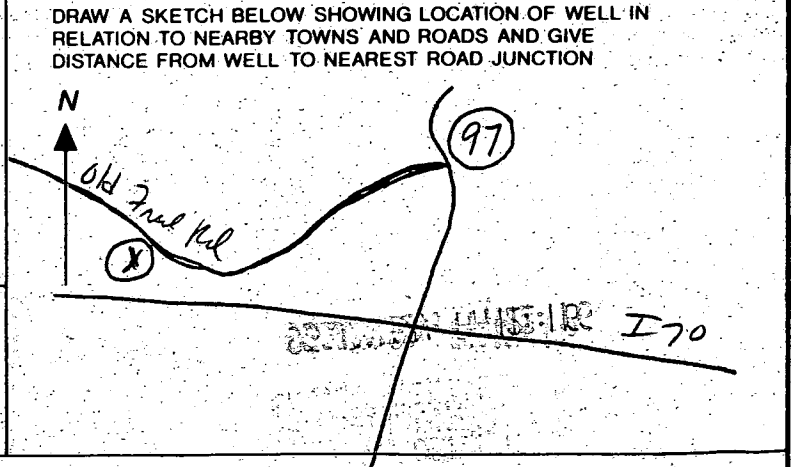
APPROXIMATE DIAMETER OF WELL **6** INCH
 NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 30 37
 CABLE REVerse-ROTary DRIVE-POINT
 other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 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) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER _____ GAP _____
 54 63
 FORCE **MR** WRITE INITIALS IN BOX PERMIT No. **40-93-0257**
 67 68 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. wells
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 N **790**
 E **540**
 000 000



HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-N Elliott Mills Drive
 Elliott City, MD 21045
 410-9833

W.A. Leedy in PH
 3/10/99

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____
 Replacement _____

Receipt # _____
 Date _____

Name of Installer W. Houghton Plumber, Svc

Telephone 410-981-7051

License Number # 6997

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner FRANK & JULIE MARCHANY

Telephone _____
 Well Tag # 10-93-0257

Subdivision WIDE MAN HARRISON
 Site Address 14881 Old FREDERICK Rd.
WOODBINE, MD 21797

Pump

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

- Motor
- Horsepower 1/2 HP
 - RPM _____
 - Voltage
 - 110 _____
 - 220

- Pitless Adapter
- Make PARLAPAD
 - Model # _____
 - Depth 4 FT

Tank

- Capacity 40 gal
- Pressure relief valve? yes

- Piping CORSTINE
- Type _____
 - Size 1"
 - NSF and/or BOCA Code approved yes
 - Depth of supply line 4 FT

- Well data
- Depth 200 ft.
 - Yield 8 GPM
 - Static water level _____ ft.
 - Will water supply be disinfected by installer? NO

3/10/99 NO INSP (WR)

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: Chris Willoughby

Date: 3/11/99

Name & address indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HO-218

3/17/99
 WPT

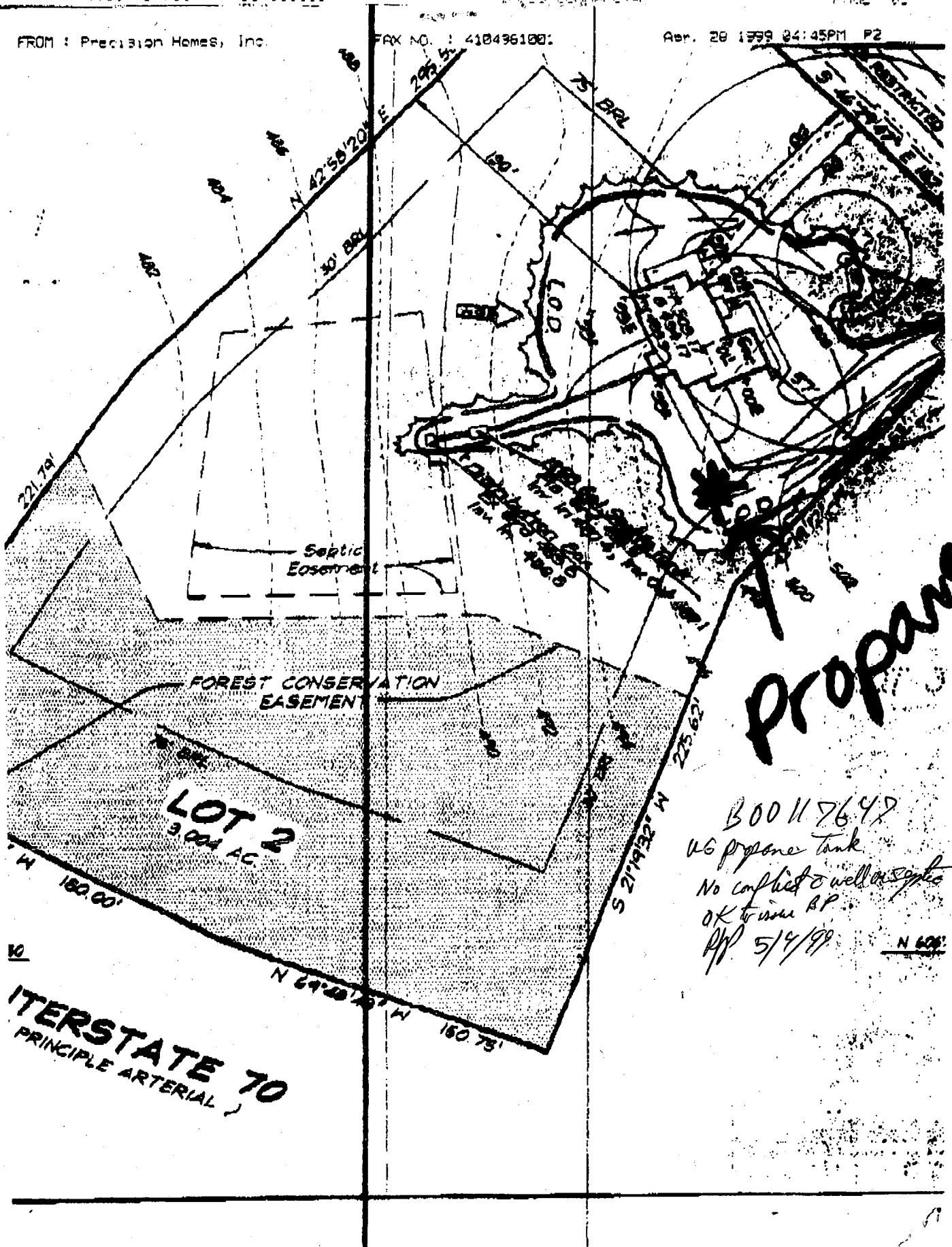
well casing 3.5' b.g.
 well line, P.A. 8" a.g.
 2 pc cap OK
 PVC conduit OK

DKS/c

FROM : Precision Homes, Inc.

FAX NO. : 4104961001

Apr. 29 1999 04:45PM P2



Propose

B00117647
UG propane tank
No conflict w well or septic
OK to issue RP
RP 5/4/99

N 608