

05-384699

File

2/21 P.C.O. (2) C.B.D.
2/25 P.C.O. (1) C.B.D.
2/25 P.C.O. (1) C.B.D.
P 4689

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DISTRICT 5th

DATE 2/20/91

DATE SYSTEM APPROVED 2/27/91

INSPECTOR C.B.W.

A 45984

Zepp Plumbing & Heating, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 12447 Route 108, Clarksville, Maryland 21029 PHONE 531-6712

SUBDIVISION Allnutt Farm Estates LOT 12 ROAD ~~13428 Allnutt Lane~~ / Open Space Court ¹³⁴⁹⁵

PROPERTY OWNER Mike Wolf

ADDRESS _____

SEPTIC TANK CAPACITY 2000 GALLONS

NUMBER OF BEDROOMS 7

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 490

***A SPECIAL INSPECTION OF THE HOUSE SITE AT THE TIME OF THE FOOTING INSPECTION IS NEEDED BEFORE THE SEPTIC SYSTEM PERMIT IS RELEASED.**

BLDG. PERMIT SIGNED AND RETURNED 4/12/91
Serial # 37338 - Proper tank

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 200 feet from the rear lot line and 80 feet from the right lot line as seen when facing the lot from the right of way.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 31 DEC 90 R.H.

At site 2/5/91 Note at this date house owner accepted to 12/5/90 laws approved by C.B.W. (Mr. Rick Minor) 2/5/91

PLANS APPROVED BY Raymond Hodges cm DATE 12/04/90

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

BLDG. PERMIT SIGNED AND RETURNED 2/22/91
Serial # 36656 - Pool

PERMIT VOID AFTER TWO YEARS

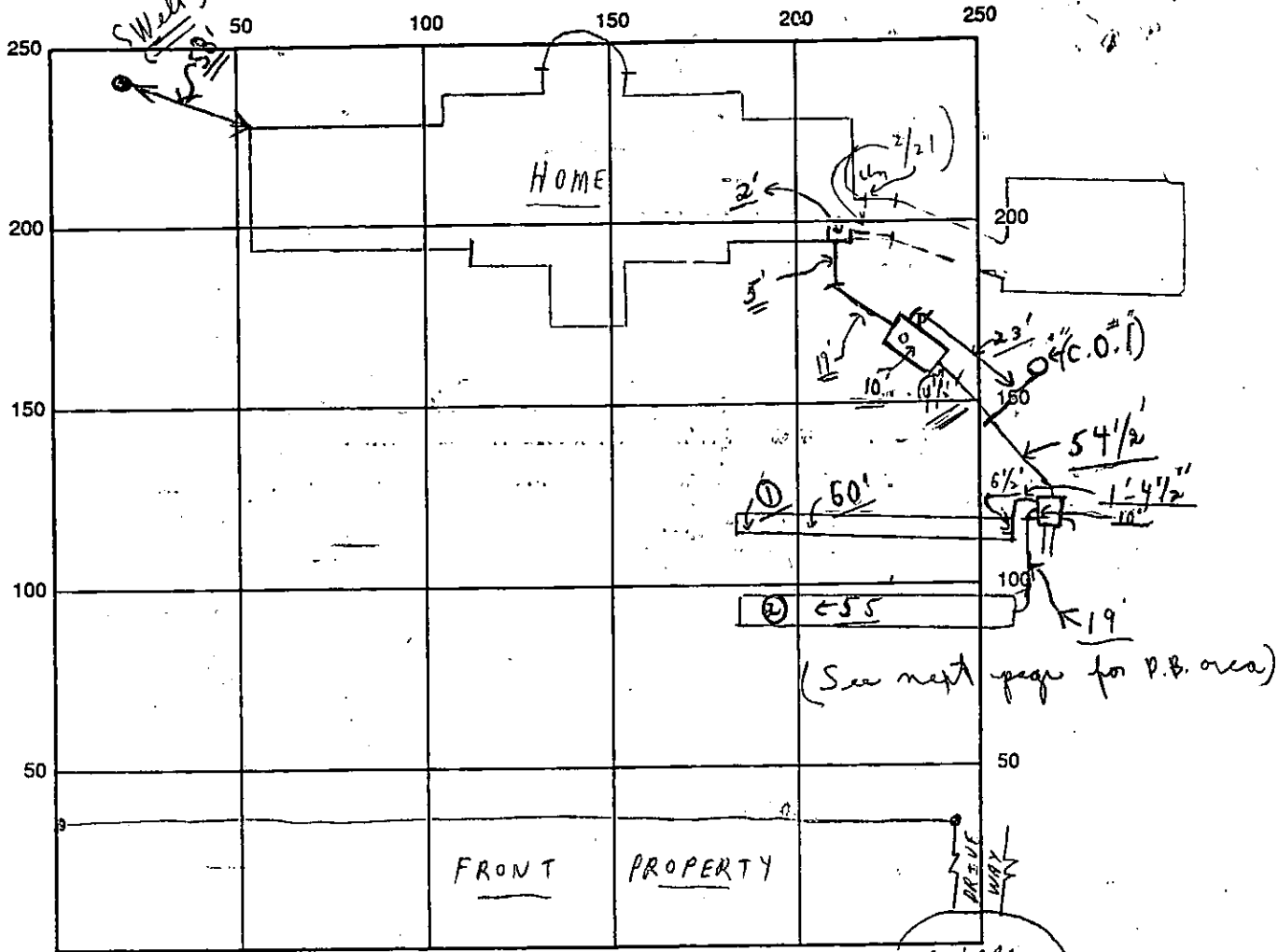
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED AND RETURNED 3/6/91
Serial # 56755 - Intelligent red tank

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

415-984



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS OK S.T. COURT C.O.#1 OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 513 FT. }
 (112' 92' 105 1/2' 106' 113')

NUMBER OF TRENCHES 5 ONE SIDE BOTTOM AREA 1539 SQ. FT.

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

ABSORBENT AREA 1539 SQ. FT.

REMARKS: Partial -> 2/21/91 P.M. site - not ready - septic tank still on delivery truck; C.B.A. 2/21/91 P.M. OK TO COVER FROM HOUSE TO S.T. AND TO 13' -> STRAIGHT TO D. BOX AREA FROM S.T. C.O. AS MEASURED; PARTIAL; HOLD FOR A CALL. C.B.A. 2/25/91 P.M. OK FOR #0 60' #0 55'

TRENCHES TO BE COVERED EXCEPT MAIN LINE AS IT GOES INTO TRENCH AND FROM HOUSE TO D. BOX ONLY

[2/21 No Insp. - W. P. I. -> ALL COVERED IN P.M. C.B.A.] PARTIAL -> TO HOUSE FOUNDATION, -> SEEN AT HOUSE WALL AREA ONLY] see next page

DATE SYSTEM APPROVED 2/27/91 INSPECTOR Charles Brown

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46819

A 45984

DISTRICT _____

DATE _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE SYSTEM APPROVED 2/27/91

INSPECTOR C.B.A.

Z E P P P L U M B I N G + H E A T I N G I N C. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 12447 Rt. 108, Clarksville Md. PHONE 531-6712

SUBDIVISION Allnutts Farm Est. LOT 12 ROAD 21029 13428 Open Spaces Court

PROPERTY OWNER MIKE WOLF 13495 →

ADDRESS _____

SEPTIC TANK CAPACITY _____ GALLONS

NUMBER OF BEDROOMS _____

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

(2/25/91 Please see front page.)

C.B.A.

PLANS APPROVED BY _____ DATE _____

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

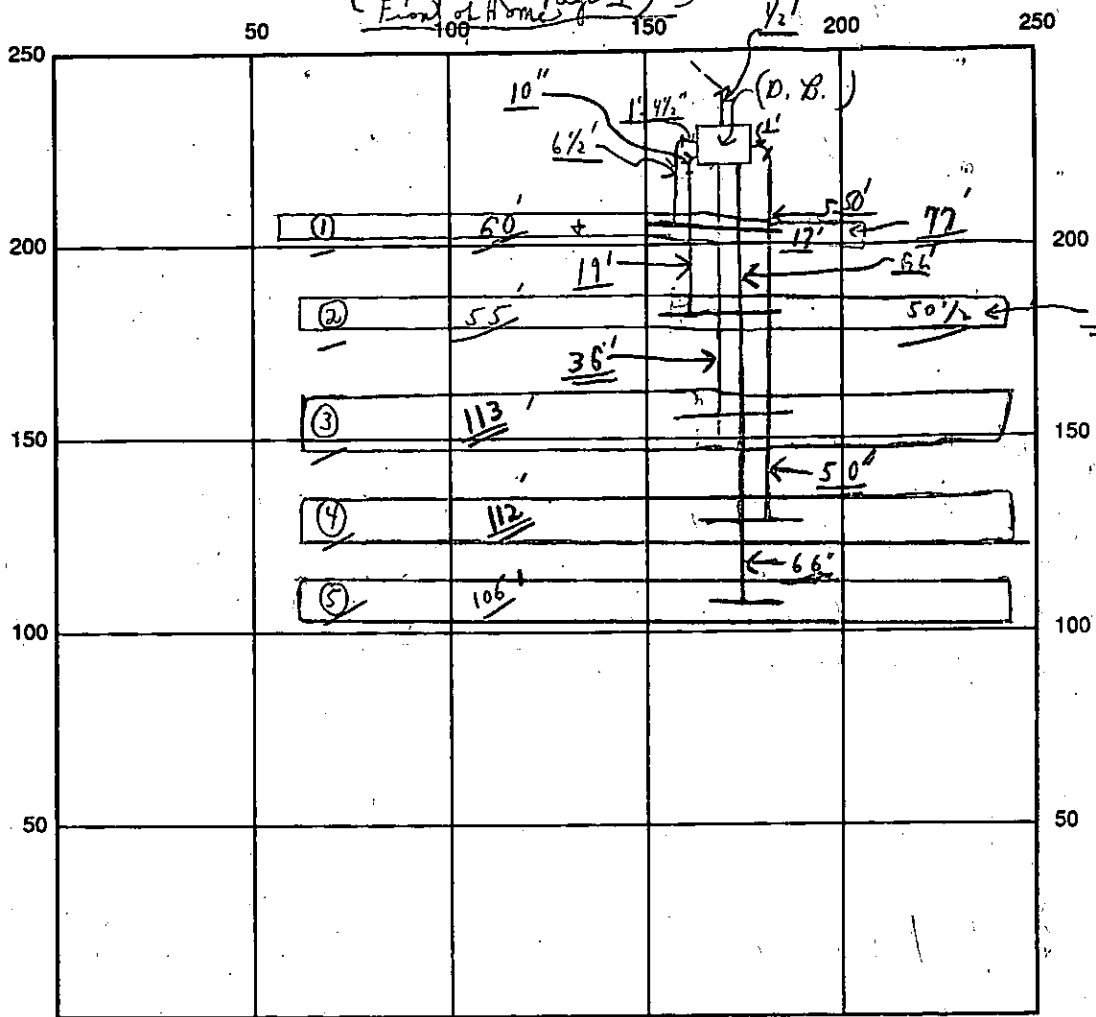
PERMIT VOID AFTER TWO YEARS

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**

for (See Page 1)
Front of Home



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL See page #1 CLEANOUTS See Pg #1

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 2/25/91 #1 + #2 seen + approved only, C.B.C.; 2/26/91 P.M. PARTIAL OK TO COVER 4 TRENCHES TO MAIN LINE; DISTRIBUTION BOX AREA TO BE CHECKED AND #5 TRENCH ONLY + PIPE FROM DIST BOX TO #5 TRENCH; PARTIAL C.B.C.
2/27/91 #5 TRENCH COMPLETED; FINAL OK TO COVER ALL WORK. (MATERIAL ON SITE)

DATE SYSTEM APPROVED 2/27/91 INSPECTOR Charles Bryan Stecker

APPLICATION

PERCOLATION TESTING

A 45984
O _____
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

PROVISION ^{OK} TO ADJUST SEPTIC AREA
TO IMPROVE HOUSE SITE
C.W.
DISTRICT _____
DATE May 31 1990

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Michael P. Wolf

ADDRESS 9693 A Gerwig Lane Columbia MD. 21046 PHONE 381-2580

PROSPECTIVE BUYER SAME

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Allnutts Estates LOT NO. 12

ROAD AND DESCRIPTION Open Space Ct. At the end of the court its
the flag lot on the left 13423 Allnutts Lane

TAX MAP _____ PARCEL # _____

SIZE OF LOT 6.3 ag. TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)
BLDG. PERMIT SIGNED AND RETURNED 12/6/90
Serial # 35539-572

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.

APPROVED BY C. B. Steenk FOR Trencher (see back) DATE 6/7/90
(SIGNATURE OF APPLICANT)

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/7/90 certified holes house & water
well site, c.k.d. Notes: Revised plans are on shape.
6/8 send letter.

HD-216

THIS IS NOT A PERMIT

A 45 984

LOT 12

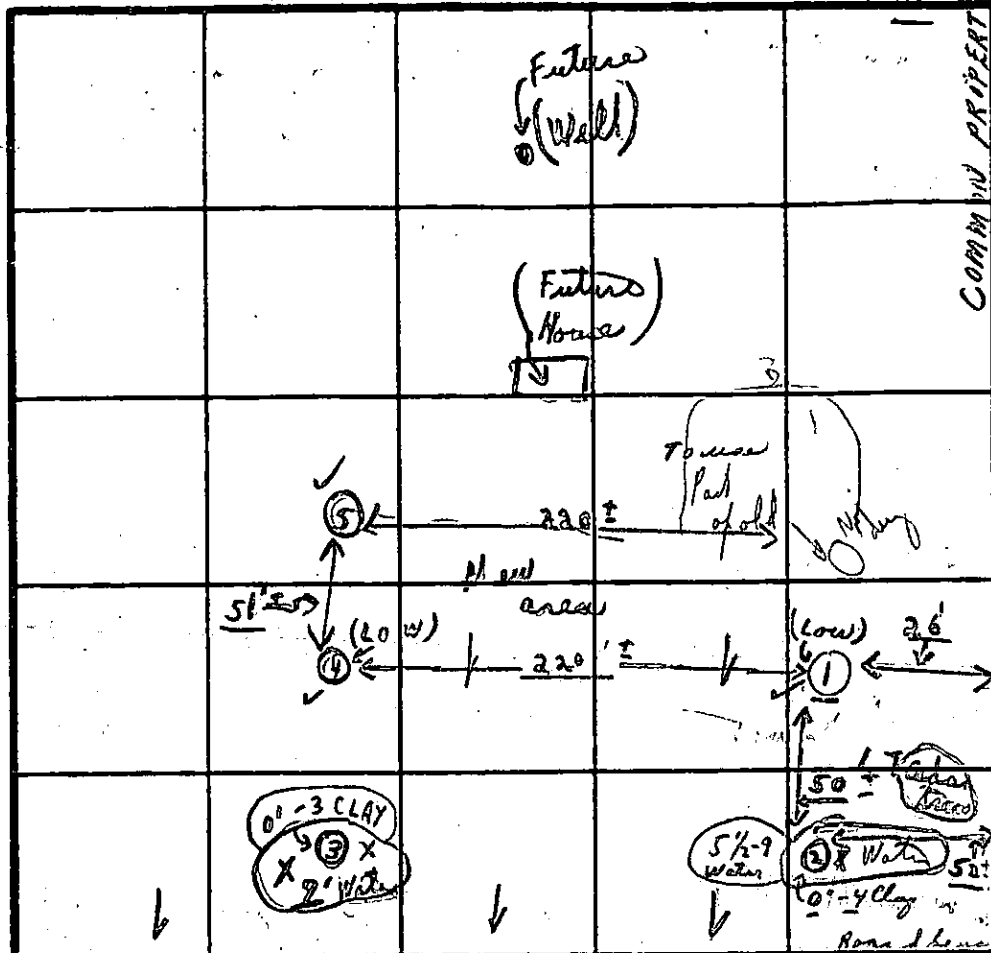
LOT #13

LOT #12

HOLE #1

SOIL PROFILE

To 4'3"	CLAY
4'3"	To
12'	LOAM
12'-12 1/2'	WATER



In 13 min
220 sq ft / B.R.
Trench 5' x 4' 4"
9' Max depth
Trench 2' wide

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLE #4

SOIL PROFILE

To 4 1/2'	CLAY
4 1/2' to 12'	LOAM
12'	WATER

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
6/7/90	1	4'-3'	10:37	10:39	10:39	10:52	13 min
			all loam to 12'		12 1/2' Water @ bottom		XX
	4	4 1/2'	10:54	10:55	10:55	10:57	2 min
		12'	Water		Loam to Water		XX
0'-3'	5	3 1/2'	11:01	11:02	11:02	11:03	1 min
		12 1/2'	Dry loam		sand		

HOLE #5

SOIL PROFILE

To 3 1/2'	CLAY
3 1/2' to 12 1/2'	SANDY LOAM
12 1/2'	DRY

{ To use part of former sewage easement area to make 10,000 sq ft. septic area on right side of lot. }

REMARKS: 6/7/90 { Shallow trenches only, c.B.D.; To use part of old perc area Tests in open field; tests to low side of lot; tests not per stake. Hold for certified holes, house sites, well sites }

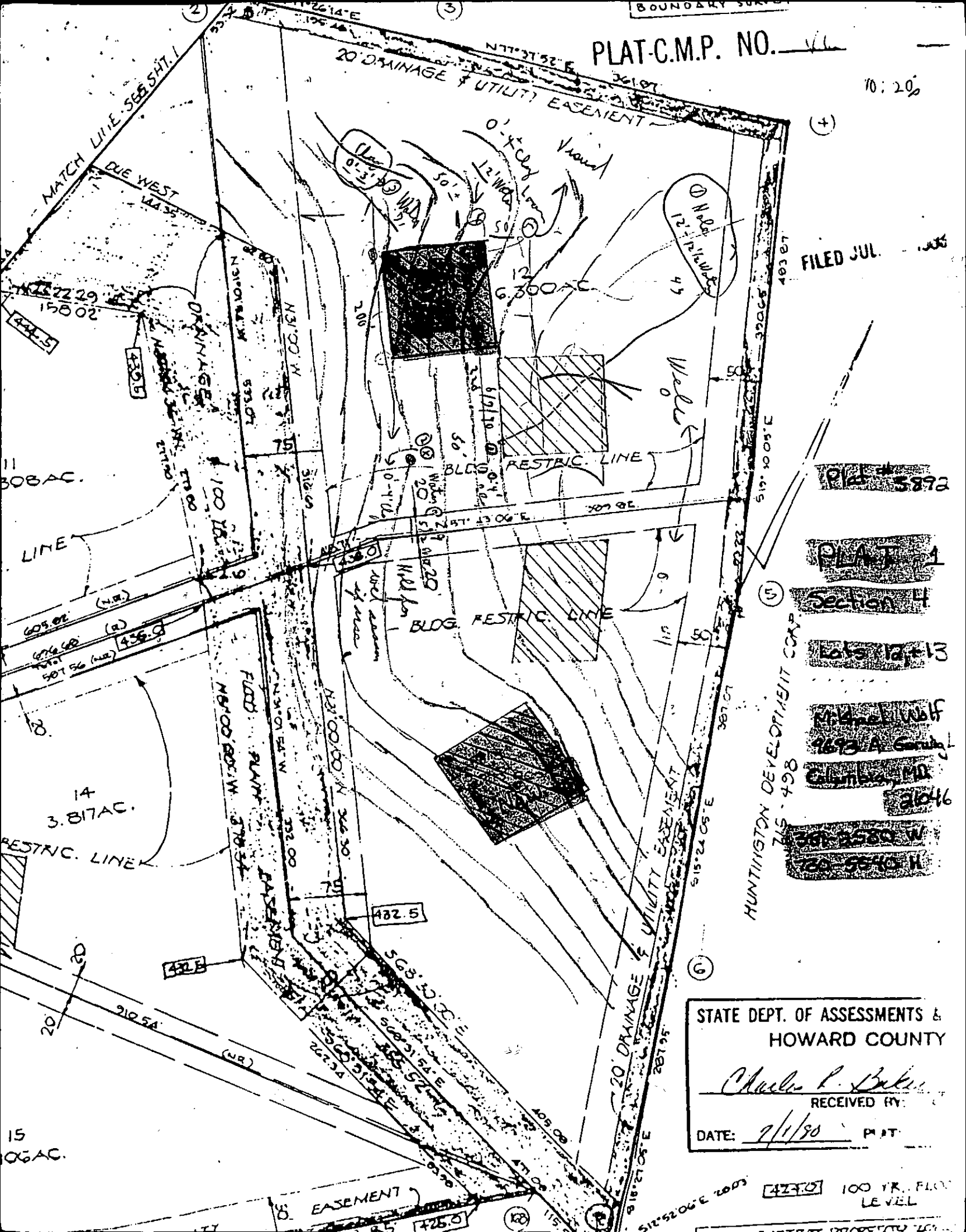
TESTED BY: C. P. Wolf

ALSO PRESENT: Mike Wolf, Pickens & sons, 2 men

PLAT C.M.P. NO. 111

BOUNDARY SURVEY

10:20



FILED JUL. 1988

PLAT # 5892

PLAT 1

Section 4

Lots 12+13

Michael Wolf

2693 A Conroy

Columbia, MD

21046

301-2580 W

301-5540 H

HUNTINGTON DEVELOPMENT CORP.
715-498

STATE DEPT. OF ASSESSMENTS & HOWARD COUNTY

Charles P. Baker

RECEIVED BY:

DATE: 7/1/88 P.M.

427.0 100 YR. FLOOD LEVEL

ALLNUIT FARMS ESTATES LOTS 12&13

OWNER: MICHAEL PAUL WOLF
9693 A Gerwig Lane
Columbia, MD. 21046
(301) 381-2580 W
(301) 730-5540 H

PERCOLATION CERTIFICATION PLAT
ALLNUIT FARMS ESTATES LOTS 12 & 13
Plat #3892 Section 4 plat 1



This area indicates a private easement of a minimum of 10,000 square feet as required by the Maryland State Department of Health and Mental hygiene for individual disposal. Improvements of any kind in this area are restricted until public sewage is available.

Percolation test holes shown hereon have been field located.

Well sites and septic areas within 100' of property boundaries have been shown.

APPROVED: For private water and private sewage systems.

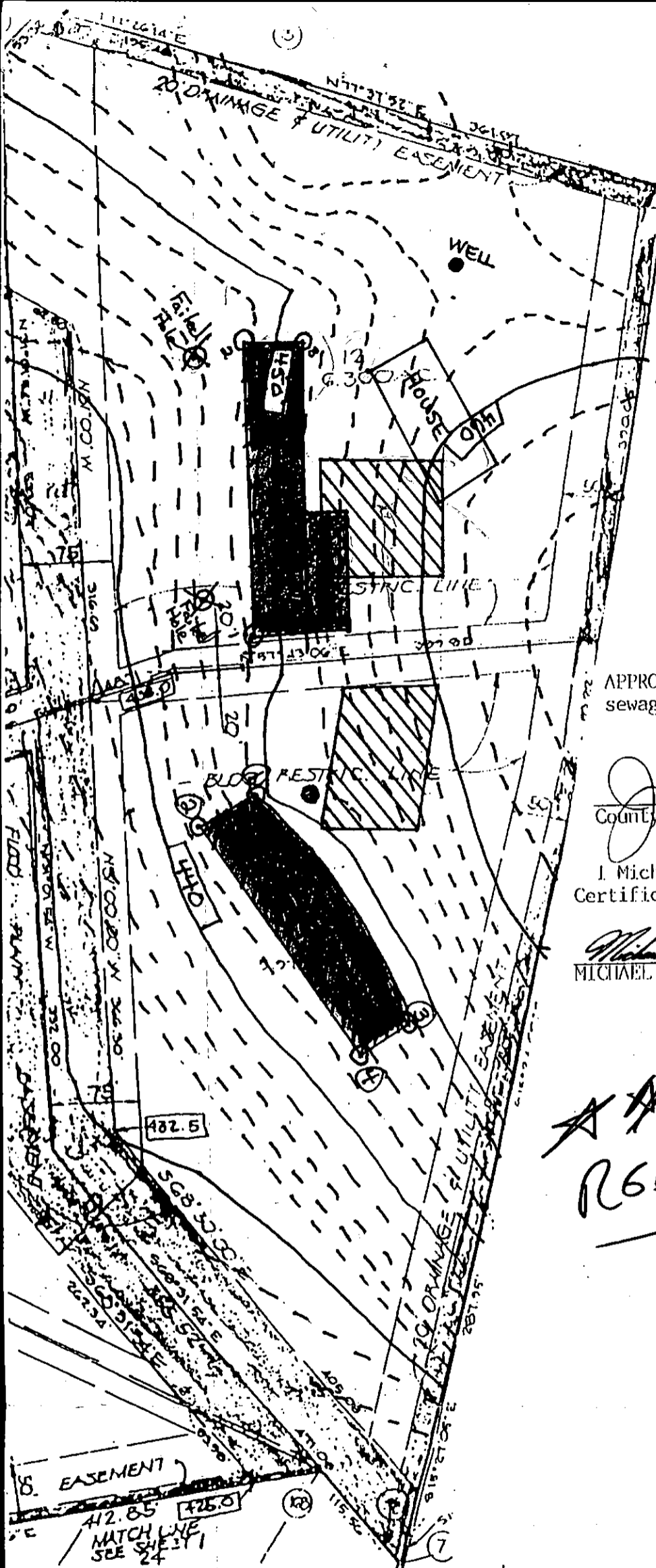
Howard County Health Department

Jean Byde 6-20-90
County Health Officer J.C.W. Date

I, Michael Paul Wolf have drawn this Percolation Certification Plat to what I know to be true.

Michael Paul Wolf 6/17/90
MICHAEL PAUL WOLF DATE

~~STAR~~
REDUCED SCALE
SEE NEXT PAGE.



SMITH W. ALLNUIT III & PATRICIA A. EOMER, OWNERS OF THE PROPERTY SHOWN SUBDIVISION, & IN CONSIDERATION OF ZONING & ESTABLISH THE INTO HOWARD COUNTY, MD. THE RIGHT TO THE BEDS OF THE STREETS AND/OR ROADS, AVAILABLE AND FOR GOOD AND OTHER RIGHT AND OPTION TO HOWARD TO THE BEDS OF THE STREETS UTILITIES AND OPEN SPACE WHERE OF WATERWAYS AND DRAINAGE CONSTRUCTION, REPAIR AND MAINTENANCE;

RECORDED AS PLAT
ON THE LAND RECORDS OF HOWARD COUNTY, MARYLAND
AMENDED PLAT, SECTION IV,
ALLNUIT FARMS ESTATES
ELECTION DISTRICT 5
HOWARD COUNTY, MARYLAND
SCALE 1"=100'

APPLICATION

A _____

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT Fifth

DATE 9/9/76

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mr. and Mrs. Smith W. Allnutt, Jr.

ADDRESS 13288 Highland Road
Highland, MD 20777 PHONE 088-0303

PROPERTY LOCATION:

SUBDIVISION Highland Farm Estates LOT NO. 45

ROAD AND DESCRIPTION Road "A" and Court "B"

SIZE OF LOT 6.26 Ac TYPE BLDG. 3 or 4 bedroom
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Margaret C. Allnutt

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

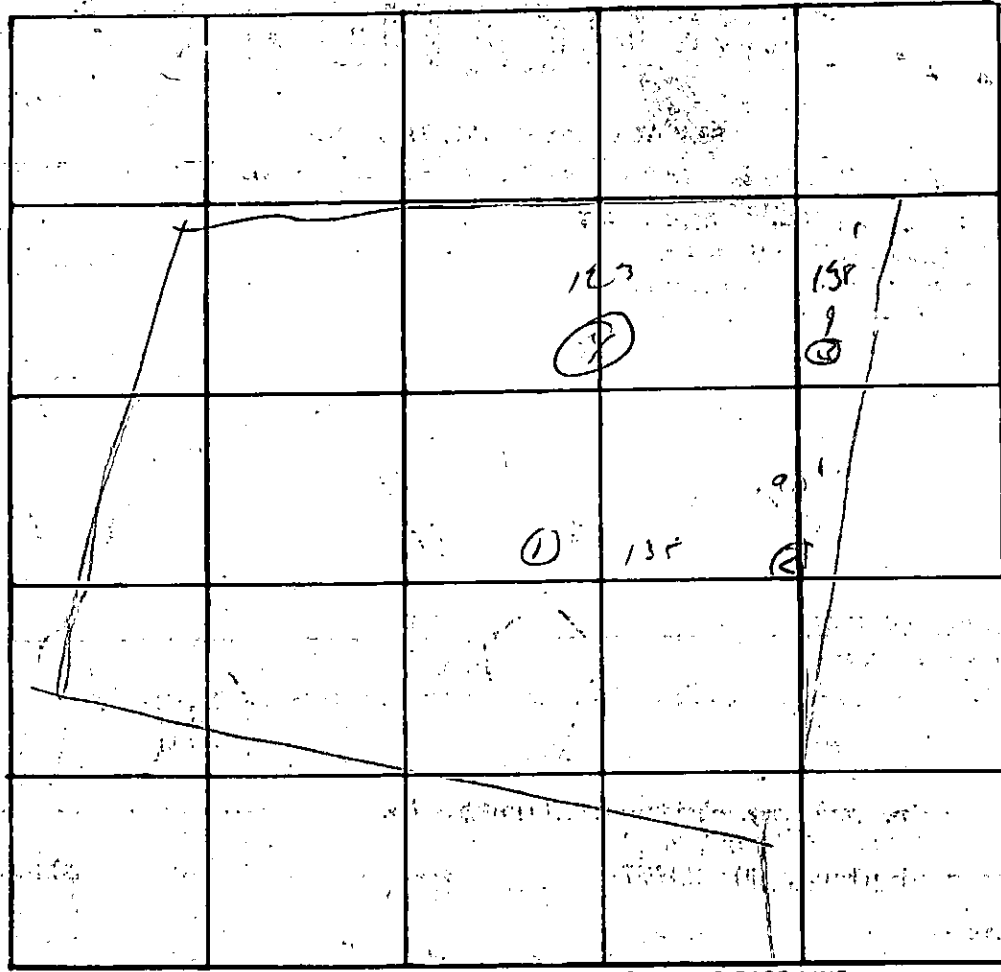
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

300
154500
300
40
13000



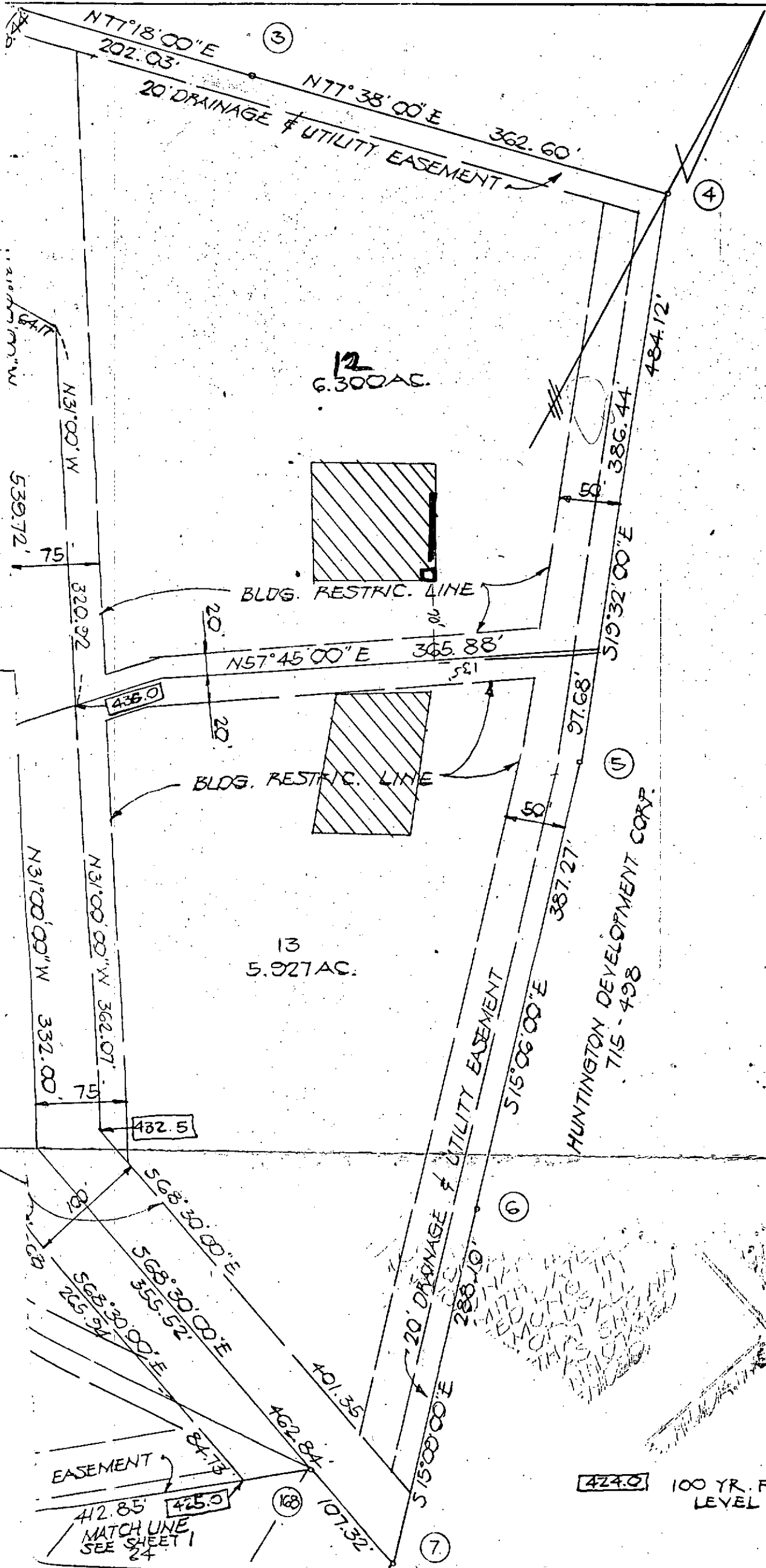
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/12/76	1 S	5'	11 36	11 51	11 55	12 00	←
	0	13'	11 30	11 38	11 38	11 40	2
	2 S	5'	11 57	12 09	12 09	12 31	22
	0	13'	11 57	11 59	11 59	12 05	6
	4' S	6 1/2'	12 18	12 28	12 28	12 50	22
	0	15'	12 20	12 22	12 22	12 24	2
	3 S	5 1/2'	04				

good soil
1 1/2 in
1 1/2 in

do, 70/15'

REMARKS: _____
 TYPE OF SOIL _____
 TESTED BY: D. J. O'H ALSO PRESENT: _____



NTT¹⁸°00' E
202.03'

(3)

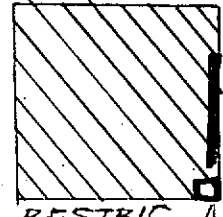
NTT³⁸°00' E

362.60'

20' DRAINAGE & UTILITY EASEMENT

(4)

12
6.300 AC.



BLDG. RESTRIC. LINE

20'

N57°45'00" E 365.88'

519°32'00" E
386.44'

484.12'

BLDG. RESTRIC. LINE

13
5.927 AC.



HUNTINGTON DEVELOPMENT CORP.
715-498

515°06'00" E

387.27'

(5)

N31°00'00" W 332.00'

75'

482.5

S68°30'00" E
568.30'

S68°30'00" E
535.52'

S68°30'00" E
527.61'

EASEMENT

412.85' 425.0'
MATCH LINE
SEE SHEET 1
24

(6)

401.35'
462.84'
107.32'

(7)

20' DRAINAGE & UTILITY EASEMENT

288.10'

424.0'

100 YR. FLOOD LEVEL

RECORDED AS PLAT #

C1 **0812** SEQUENCE NO. (DENV. USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A = 45984**

ST/CO USE ONLY
 DATE RECEIVED
 DATE WELL COMPLETED
10/1/71

Depth of Well
300
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
60-88-1611

OWNER **WOLF** last name **MIKE** first name
 STREET OR RFD: **OPEN SPACE COURT** TOWN **HIGHLAND**
 SUBDIVISION **FILMUT EDWARDS EST** SECTION **1** LOT **12**

WELL LOG
 Not required for driven wells
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Brown shale	2	15	
sand	15	30	
Brown mica	30	55	✓
sand stone	55	85	
Gray mica	85	150	✓
Brown mica	150	152	
Gray mica	152	270	
opening	270	271	✓
Gray mica	271	300	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS _____ NO. OF POUNDS _____
 GALLONS OF WATER _____
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **30** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO**
 STEEL CONCRETE
PL **OT**
 PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch)
 Total depth of main casing (nearest foot)
57 **66**

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST **BR** **HO**
 STEEL BRASS OPEN HOLE
PL **OT**
 PLASTIC OTHER

C2

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	H.O.	64
2		300
3		

SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)
 from _____ to _____

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) **7**
 PUMPING RATE (gal. per min. to nearest gal.) **17**
 METHOD USED TO MEASURE PUMPING RATE **Rec Int**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **17**
 WHEN PUMPING **59**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES **NO**
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED _____
 PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: **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)
+ above } LAND SURFACE (nearest foot)
- below }

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **41**
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Bruce Shannon
 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**

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

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)

B 1 8677 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

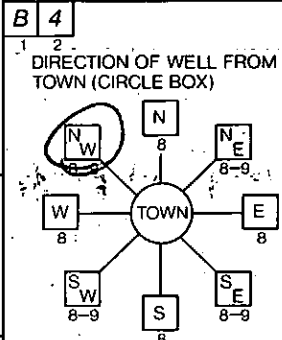
STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
110-88-1611
fill in this form completely

Date Received (APA) 082490
OWNER INFORMATION
Last Name: WOLF, Owner: MIKE, First Name: MIKE
Street or RFD: 9693A CERILLIC LANE
Town: COLUMBIA, State: MD, Zip: 21046

B 3 LOCATION OF WELL
8 COUNTY: HOWARD
23 SUBDIVISION: ALNUT FARMS EST
SECTION: 44, 46, LOT: 12, 48, 50
52 NEAREST TOWN: HIGHLAND
MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION
Driller's Name: GNE George F. Easterday, License No. 40
Firm Name: L. Franklin Easterday, Inc.
Firm Address: 9265 Brown Church Rd., Mt. Airy, Md. 21771
Signature: George F. Easterday, Date: 8/16/90



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD: ALNUT LANE OPEN SPACE
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH
DISTANCE FROM ROAD: 300 FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.): 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

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
COUNTY NAME: HOWARD, COUNTY NO.: A# 45984
DATE ISSUED: 091390, Charles Bryan Shreves, 3/13/91
NORTH GRID: 498000, EAST GRID: 0810000

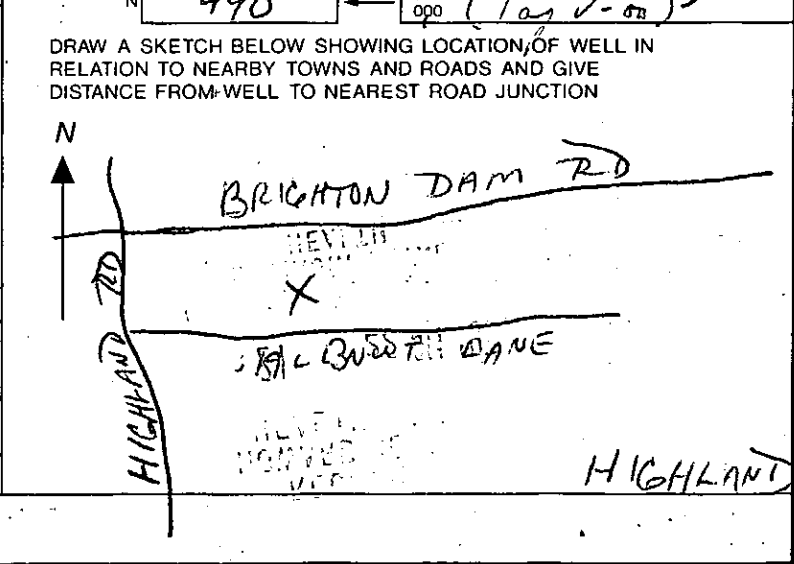
APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER:
1. Well 10/12/90 10/15/90
2. 50 Bags of cement
3. 2' casing (Not done)
3. 2' Ground - open
2' casing above ground OK
C.B.C. (Tap 1-08)

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
 THIS WELL WILL DEEPEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER: GAP
FORCE: CM, PERMIT No.: 110-88-1611
SPECIAL CONDITIONS: 391-2580

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

2/21/91 No 2NSP
C.B. 2/10

461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

WELL LINE

New Installation
Replacement

Receipt # 46820
Date 2/20/91

Name of Installer E. W. Zapp Jr

Telephone _____

License Number 1782

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Mike Wolf

Telephone 531-6712

Subdivision Allnut Lot # 12 Well Tag # 40-88-1611

Site Address _____

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make Goulds
- Model # 3/4
- Capacity 18 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 3/4
- RPM _____
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make Marston
- Model # _____
- Depth _____

Tank

- Capacity 220
- Pressure relief valve?

Piping

- Type Polyblue
- Size 1"
- NSF and/or BOCA Code approved _____
- Depth of supply line _____

Well data

- Depth 300 ft.
- Yield 12 GPM
- Static water level 16 ft.
- Will water supply be disinfected by installer?

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: E. W. Zapp Jr

Date: 2/19/91

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

HD-215

2/21/91 P.M.

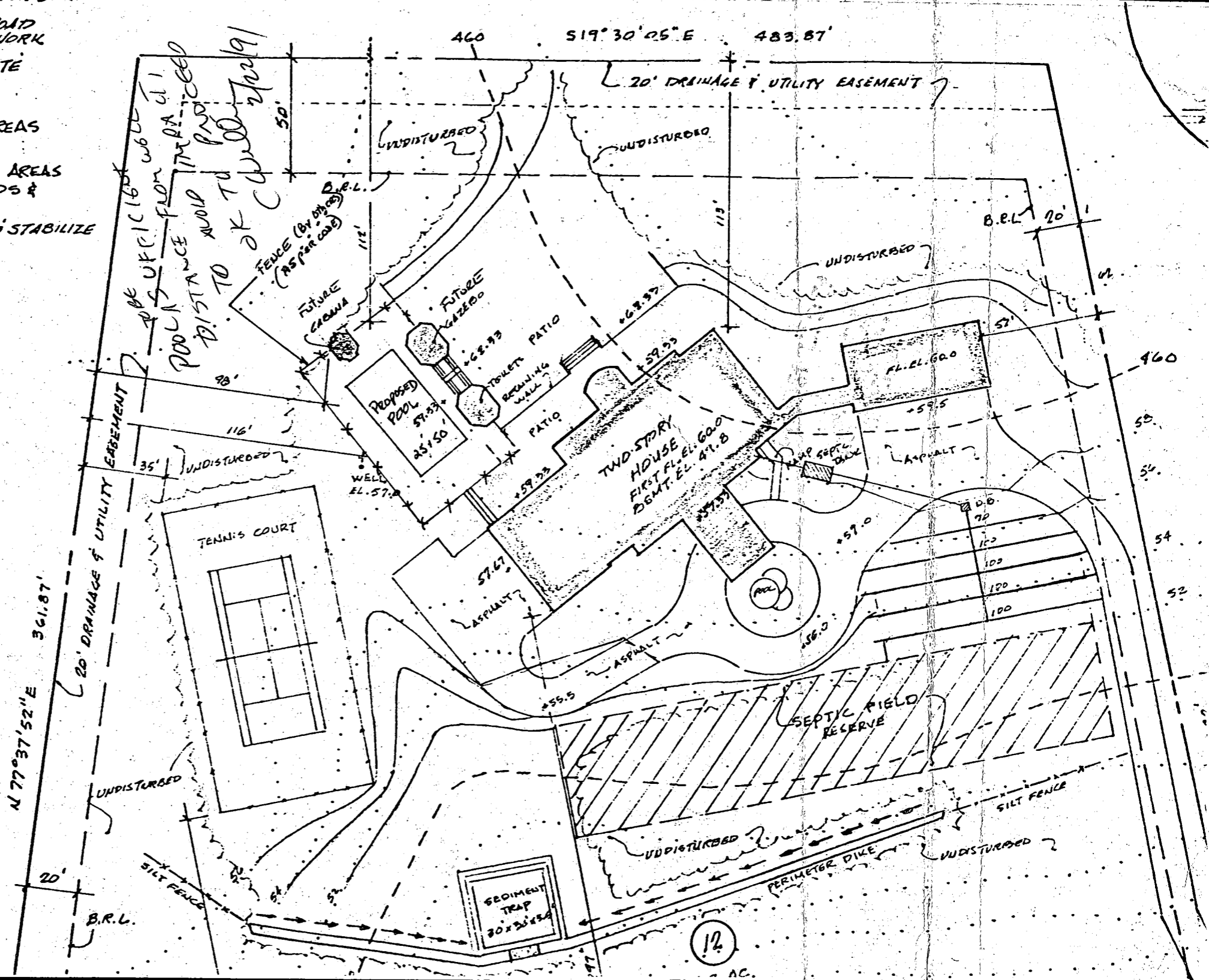
At time of inspection {line?} pitless adapter all covered except at house wall area. No inspection - Final note to change C.B.

4. INSTALL ALL WEATHER SERVICE ROAD TO WITHIN 200 FT. OF CONST. WORK
5. CLEAR AND ROUGH GRADE CONST. SITE
6. START BUILDING CONSTRUCTION
7. STABILIZE DRIVEWAY & PAVING AREAS WITH 4" CRUSHER RUN.
8. STABILIZE COMPLETED CUT & FILL AREAS IN ACCORDANCE WITH STANDARDS & SPECIFICATIONS.
9. INSTALL SEPTIC FIELD & SYSTEM & STABILIZE
10. CONSTRUCT RETAINING WALLS & OUT BUILDING
11. INSTALL PATIO AREAS
12. INSTALL SWIMMING POOL
13. INSTALL TENNIS COURT
14. FINISH GRADING
15. PAVE DRIVEWAY
16. INSTALL LANDSCAPING
17. PERMANENTLY STABILIZE ALL DISTURBED AREAS.
18. REMOVE SILTATION CONTROL DEVICES & STABILIZE.

Scale: 1" = 50'

Address: Lot # 12
Open Space Ct.
Highlands, Md

Subd: ALLNUTT FARMS ESTATES

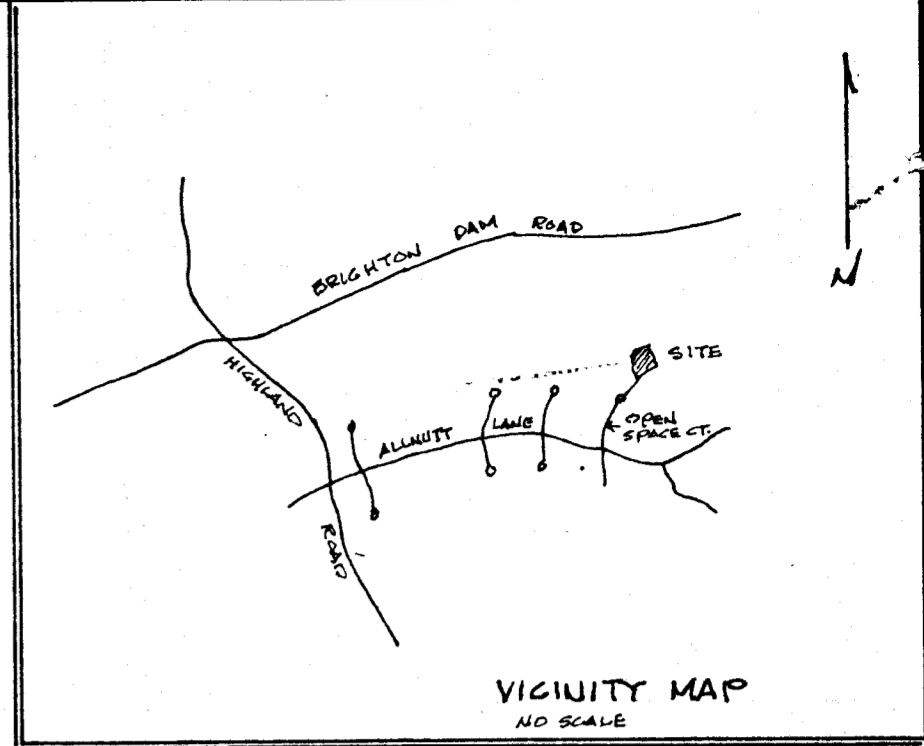
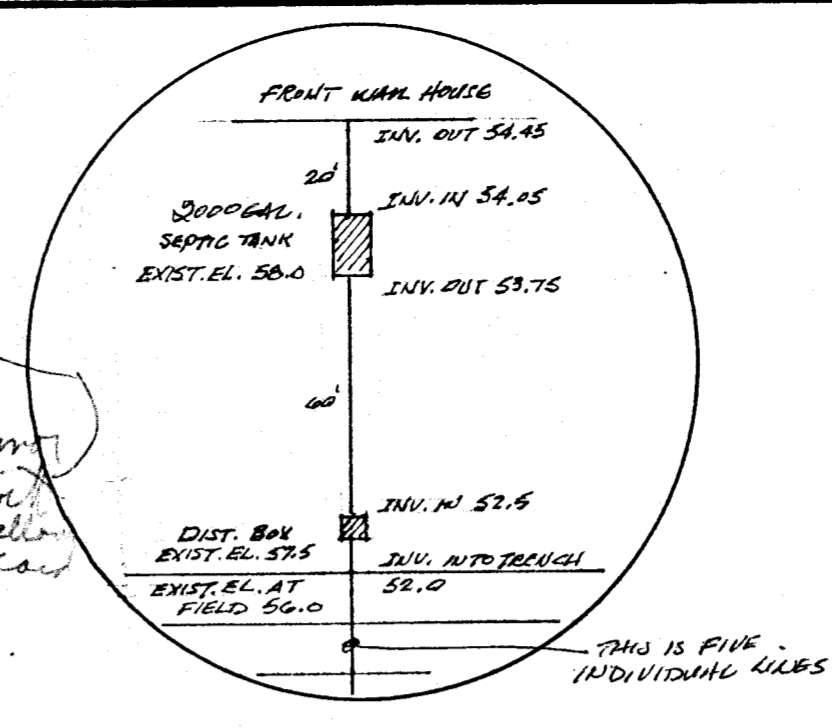


CONSTRUCTION SCHEDULE

1. CALL FOR PRE-CONSTRUCTION MEETING
2. INSTALL CONSTRUCTION ENTRANCE (SCE)
3. BUILD SEDIMENT TRAP & PERIMETER DIKE
4. INSTALL ALL WEATHER SERVICE ROAD TO WITHIN 200 FT. OF CONST. WORK
5. CLEAR AND ROUGH GRADE CONST. SITE
6. START BUILDING CONSTRUCTION
7. STABILIZE DRIVEWAY & PAVING AREAS WITH 4" CRUSHER RUN.
8. STABILIZE COMPLETED CUT & FILL AREAS IN ACCORDANCE WITH STANDARDS & SPECIFICATIONS.
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14. FINISH GRADING
15. PAVE DRIVEWAY
16. INSTALL LANDSCAPING
17. PERMANENTLY STABILIZE ALL DISTURBED AREAS.
18. REMOVE SILTATION CONTROL DEVICES & STABILIZE.

*1/15/90
Mr. Rick
Owner's Rep
House & Well
and down*

*File Copy
1 Copy given to
Mr. K. Murray
John W. [unclear]
[unclear]*



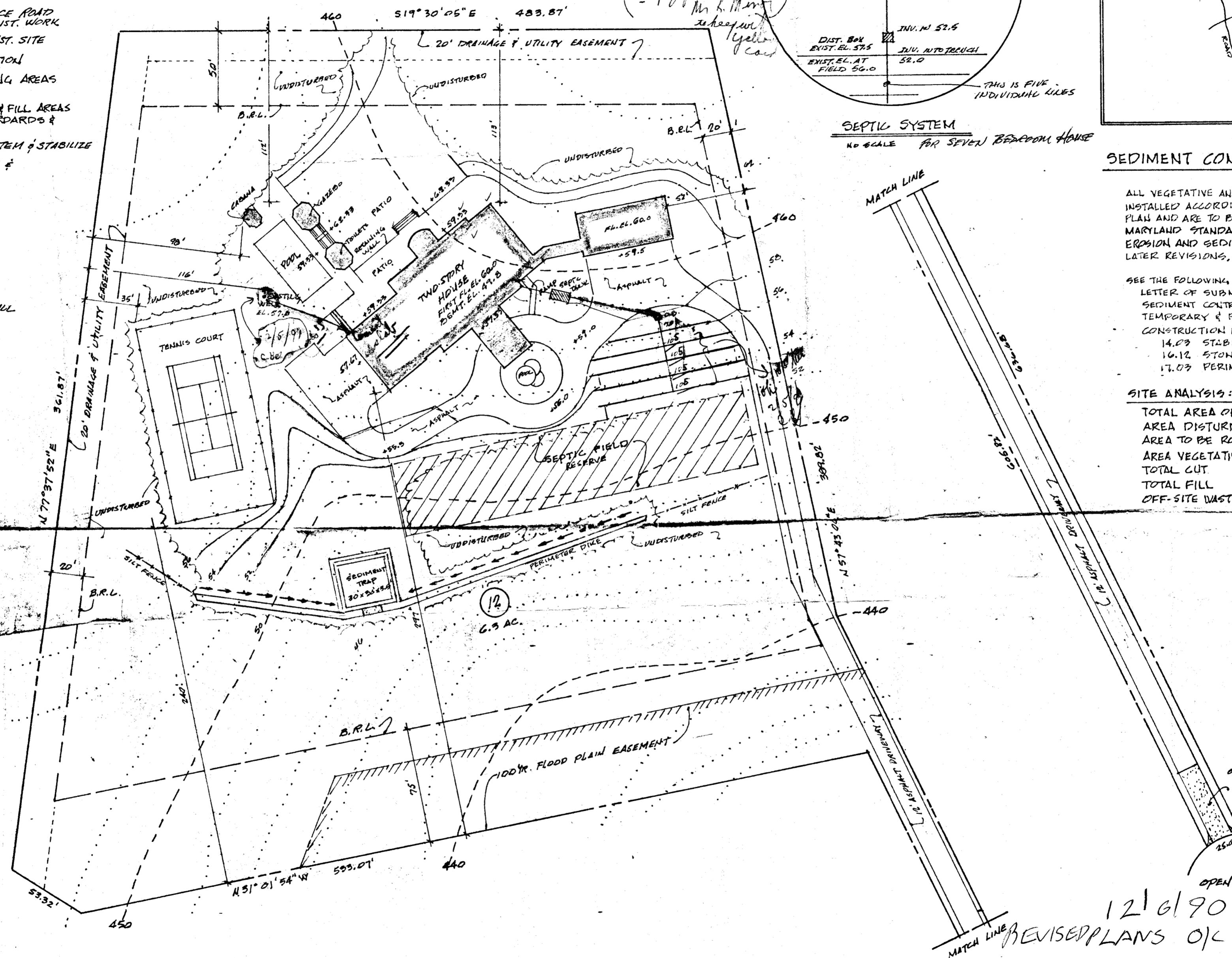
SEDIMENT CONTROL NOTES:

ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, DATED 1983 OR LATER REVISIONS.

- SEE THE FOLLOWING ATTACHED DOCUMENTS:
- LETTER OF SUBMITTAL
 - SEDIMENT CONTROL NOTE 1 THRU 10,
 - TEMPORARY & PERMANENT SEEDING NOTES
 - CONSTRUCTION DETAILS:
 - 14.03 STABILIZED CONSTRUCTION ENTRANCE
 - 16.12 STONE OUTLET SEDIMENT TRAP
 - 17.03 PERIMETER DIKE/SWALE

SITE ANALYSIS:

TOTAL AREA OF SITE	6.3 AC.
AREA DISTURBED	2.0 AC.
AREA TO BE ROOFED OR PAVED	0.935 AC.
AREA VEGETATIVELY STABILIZED	1.072 AC.
TOTAL CUT	1887 C.Y.
TOTAL FILL	1937 C.Y.
OFF-SITE WASTE/BORROW AREA LOCATION	ON-SITE



DEVELOPER:
WESTIN BUILDERS, INC.
12700 VA. MANOR ROAD
BELTSVILLE, MD. 20705
301-776-0440

DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY 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 WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

M. F. Amorosi
PRINT NAME: M. F. AMOROSI, PRINCIPAL
DATE: Nov. 26, 1990

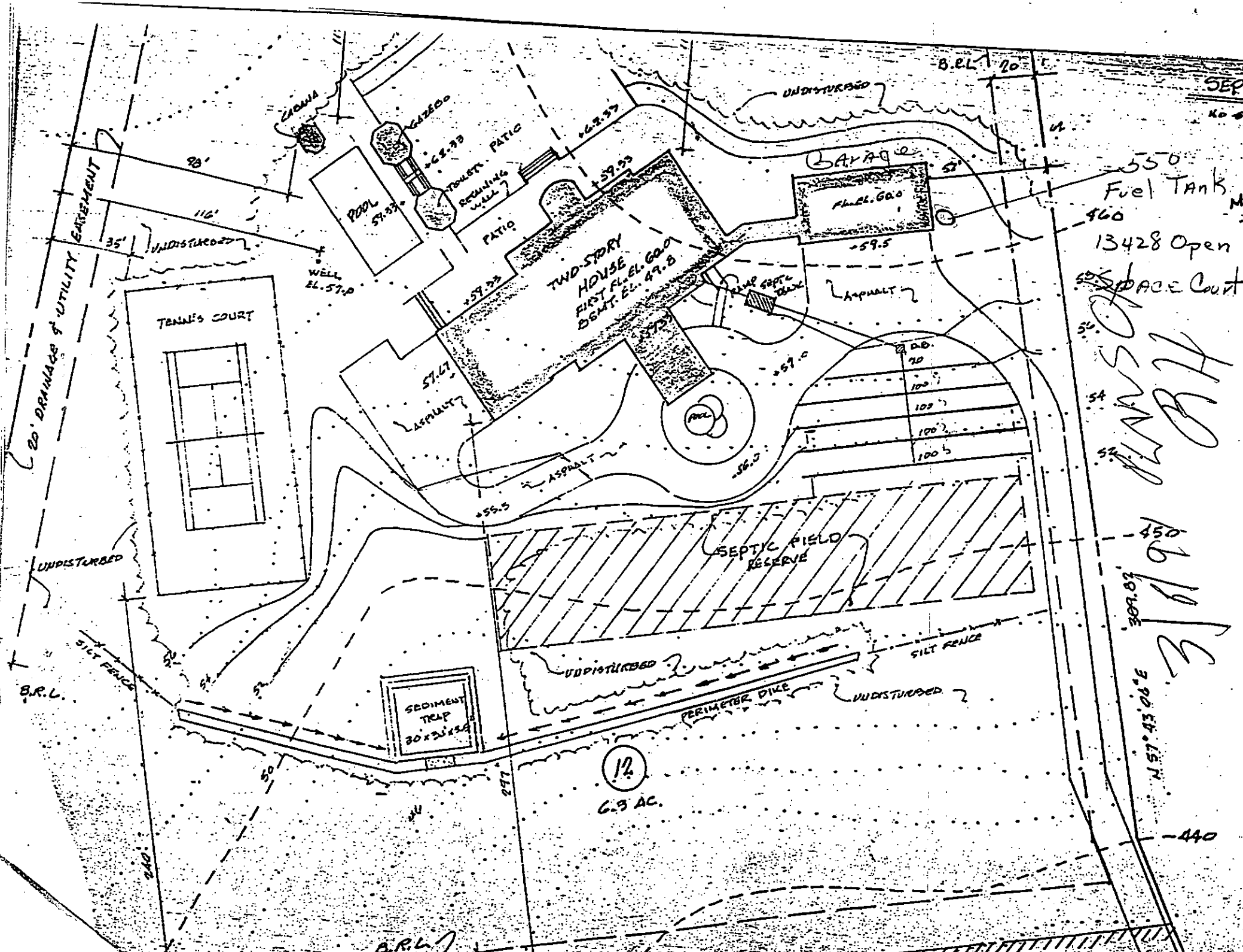
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

U.S. SOIL CONSERVATION SERVICE
DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION, AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT
DATE

RESIDENCE for MICHAEL P. WOLF 13428 ALLNUTT LAKE (OPEN SPACE CT.) HIGHLAND, MD.		
SCALE: 50' = 1"	APPROVED BY:	DRAWN BY: <i>Amorosi</i>
DATE: Oct. 90		REVISED
SITE PLAN & SEDIMENT CONTROL PLAN		
		DRAWING NUMBER SP-1



550
 Fuel Tank
 460
 13428 Open
 SPACE Court

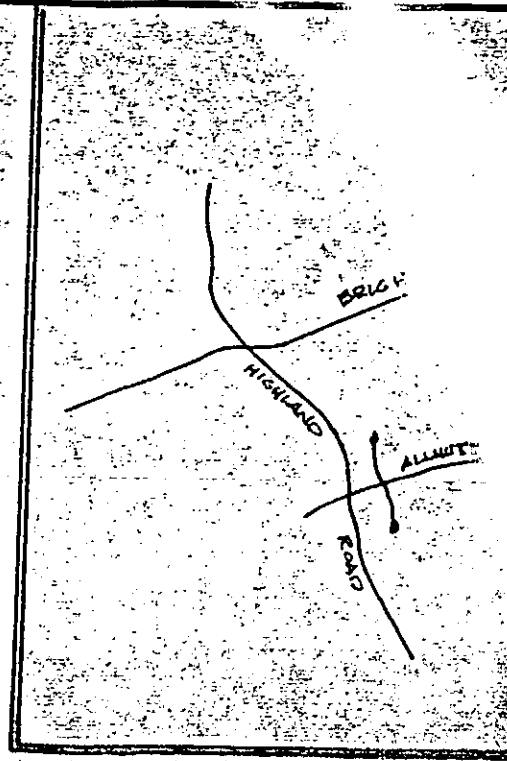
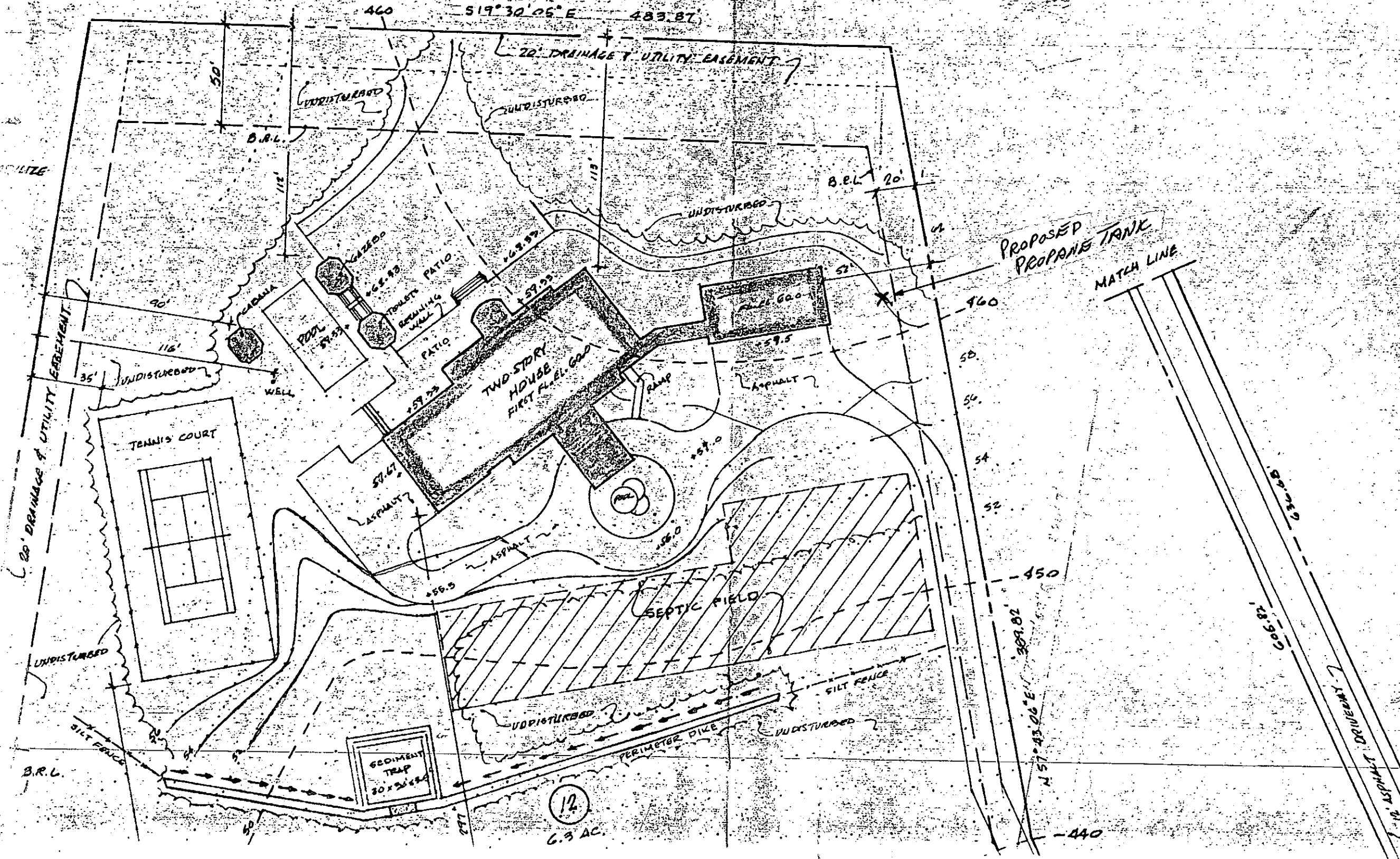
HB
 ASMP

450
 16/1/3

309.87
 N 57° 43' 06" E
 440

12
 6.3 AC.

06
(SCE)
TAKE



SEDIMENT CONTROL

ALL VEGETATIVE AND STRUCTURAL CONTROL MEASURES TO BE INSTALLED ACCORDING TO THIS PLAN AND ARE TO BE IN ACCORDANCE WITH MARYLAND STANDARDS AND REGULATIONS FOR EROSION AND SEDIMENT CONTROL. SEE LATER REVISIONS.

- SEE THE FOLLOWING ATTACHED LETTER OF SUBMITTAL FOR SEDIMENT CONTROL NOTES: TEMPORARY & PERMANENT CONSTRUCTION DETAILS:
- 14.03 STABILIZED
 - 16.12 STONE OUTLET
 - 17.03 PERIMETER

SITE ANALYSIS:

TOTAL AREA OF SITE	
AREA DISTURBED	
AREA TO BE ROOFED OFF	
AREA VEGETATIVELY STABILIZED	
TOTAL CUT	
TOTAL FILL	
OFF-SITE WASTE/BORROW	

4/12/91
Plans OK
RIT

12
6.9 AC.