2-16-88 ABAP

PERMIT

P 40852

A 31158

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

DISTRICT 4th

DATE 1/22/88

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED
04-344723

DATE SYSTEM APPROVED 2-16-88

INSPECTOR JEN

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL X ALTER ____

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Patapsco Overlook ROAD ~~631~~ 613 Weller Drive LOT 14

PROPERTY OWNER Robert Goddard

ADDRESS ____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

150 ft trench
4)600
4
20
20

GARBAGE GRINDER? YES ____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet maximum depth 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start first trench 200 feet from the rear lot line and 130 feet from the left lot line as seen when facing the property from Weller Drive. Run trenches along contour toward left side of property.

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

PLANS APPROVED BY C. Williams DATE 12/29/86

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.

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

A 31158

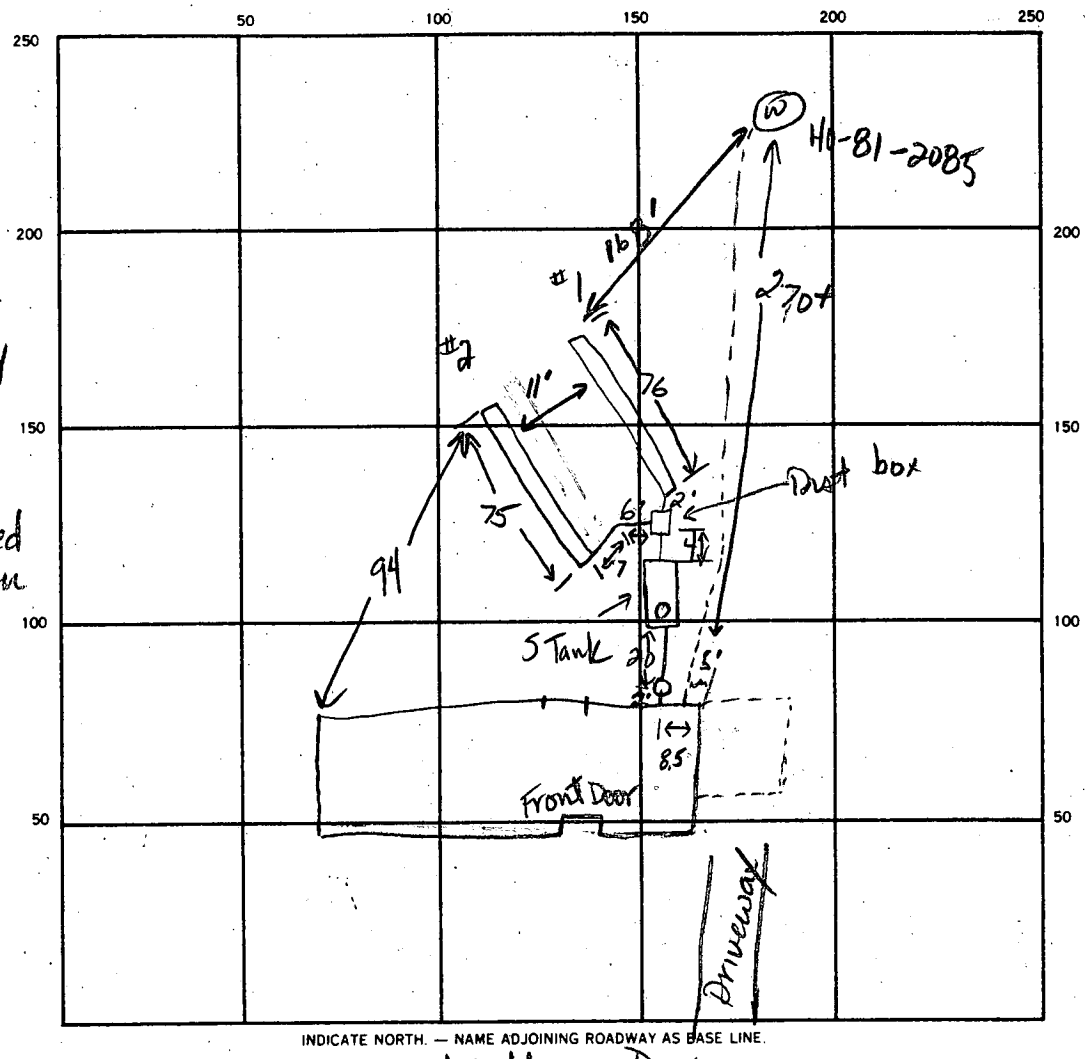
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

2-16-88
WPI

Well line, and electrical line ok at house connection. Trench partially covered. Pitless adaptor at 44 inches, No tank installed yet. JENadeau



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Weller Drive

* 39 2.4 156 78 936

112 2.4 448 224 2688

70 24 280 140 168

SEPTIC TANK. LEVEL 1000 gal. CLEANOUTS one in line, one on septic tank

DISTRIBUTION BOX. LEVEL ok w/ baffle

DRAIN FIELD/TILE FIELD. DEPTH ① 7 ② 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH ① 3 ② 3 FT.

EFFECTIVE GRAVEL DEPTH ① 4 ② 4 FT. TOTAL LENGTH ① 76 ② 75 FT.

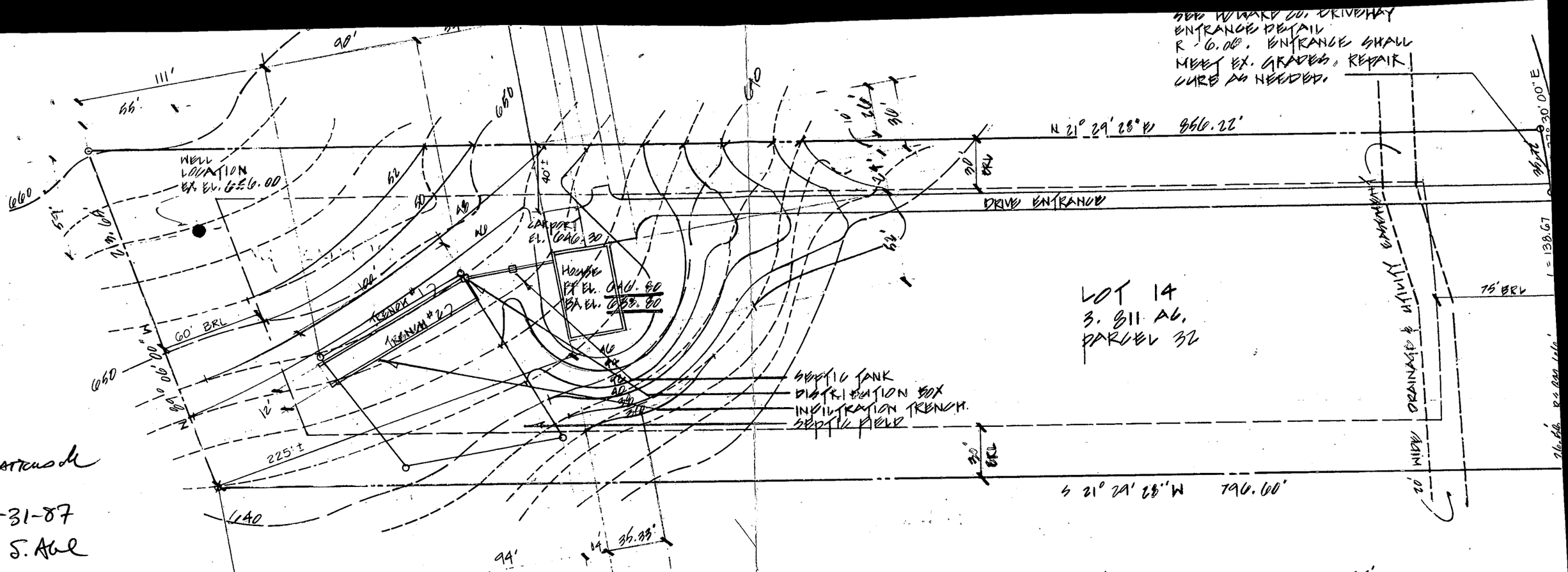
NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA ① 304 ② 300 SQ. FT.

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

ABSORBENT AREA 604 SQ. FT.

REMARKS 2-16-88 ok to add stone, pipe and paper to both trenches. ok to cover to distribution box and trench #1. JENadeau
2-16-88 ok to cover trench #2 and all other work. JENA

DATE SYSTEM APPROVED 2-16-88 INSPECTOR Jane E. Nadeau



elevations ok

8-31-87
S. Abel

BLDG. PERMIT SIGNED AND RETURNED 8/31/87
BP 140693

KEY
- EXISTING CONTOURS
- PROPOSED CONTOURS

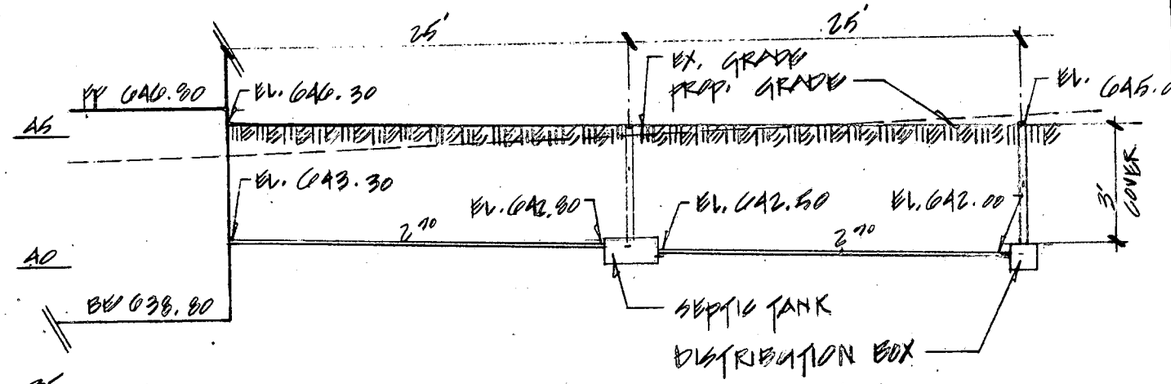
ELEVATIONS.
- EL. 643.30 INV. EL. OUT OF HOUSE (- BSMT
- EL. 642.80 INV. EL. INTO SEPTIC TANK
- EL. 642.50 INV. EL. OUT SEPTIC TANK
- EL. 645.00 EX. EL. AT SEPTIC TANK
- EL. 642.00 INV. EL. INTO DIST. BOX.
- EL. 645.00 EX. EL. AT DIST. BOX.

EXISTING ELEVATION AT TRENCHES:
- #1 EL. 645.00
- #2 EL. 644.50
- EL. 641.96 INV. INTO TRENCH

NOTES
- ALL TRENCHES SHALL BE 2' WIDE.
- INSTALL 4' OF STONE BELOW DISTRIBUTION PIPE.
- TRENCHES SHALL BE INSTALLED ON LEVEL GROUND.
- CALL FOR HOWARD CO. INSPECTION OF TRENCHES BEFORE GRAVEL IS INSTALLED.
- PROVIDE 6"-8" DIA. CLEANOUT AND CAP TO GRADE ON SEPTIC TANK AND DISTRIBUTION BOX.
- TOPOGRAPHY INFORMATION TAKEN FROM PLAN PREPARED BY BOENDER ASSOCIATES MARCH, 1981.
- PLAN PREPARED FOR MR. ROBERT GODDARD. (301) 465-0528.

REVISED 8/25/87 AS PER HEALTH DEPT. COMMENTS.

I CERTIFY THAT THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.



CROSS SECTION SEPTIC SYSTEM

SCALE: VER: 1"=6'
HOR: 1"=6'

SITE PLAN - SEPTIC DESIGN

LOT 14 - PATAPSCO OVERLOOK SUBDIVISION
TAX MAP 2, ZONED R, RECORD PLAT # 6782
4TH ELECTION DIST. HOWARD CO. MD.
SCALE: 1"=60'-0" DATE: 7/23/87

Prel.

APPLICATION

A 3158

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 4th

DATE 2/9/81

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 Georgia Ave. Properties Inc.

ADDRESS c/o E. Brook Lee III, 13838 Ga. Ave, Wheaton, Md. PHONE

PROPERTY LOCATION:

SUBDIVISION Georgia Ave Properties LOT NO. 14

ROAD AND DESCRIPTION Md. Rte. 94 and Old Frederick Rd.

SIZE OF LOT 3 ac + TYPE BLDG. 3 or 4 (NUMBER OF BEDROOMS)

IF NOT SINGLE RESIDENCE DESCRIBE NA

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

SIGNATURE OF APPLICANT Charles A Beal
Agent

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

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

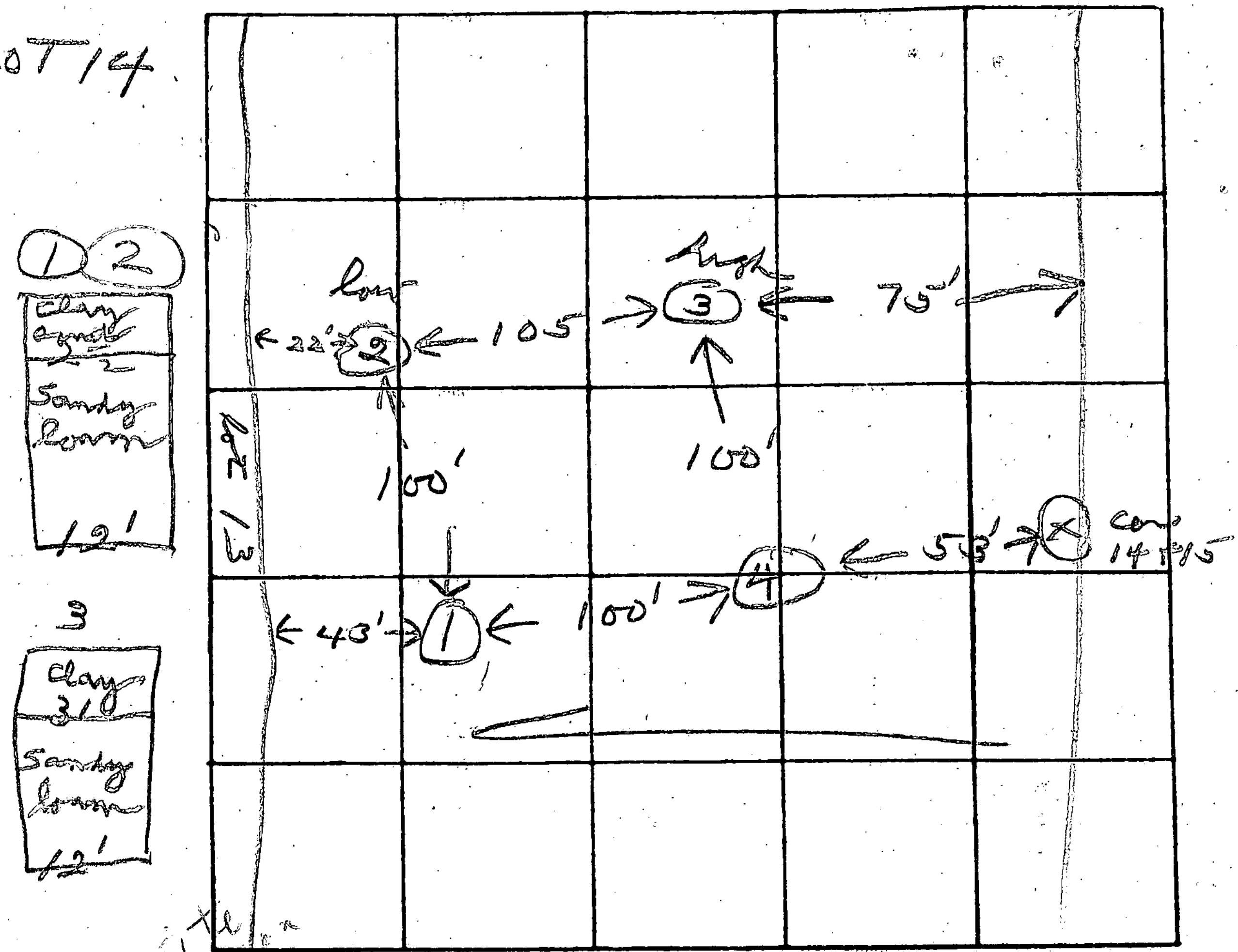
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Naw - 3

LOT 14



INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE.

ROAD "A"

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
3/27/81	1S 1M	3 7	3:10 3:12	3:12 3:20	3:12 3:20	3:15 3:35	3 15	inlet 3'
	2S 2M	3 7	3:25 3:25	3:28 3:27	3:28 3:27	3:34 3:31	6 4	
	3S 3M	3 7	3:40 3:48	3:46 3:50	3:46 3:50	4:00 3:53	14 3	8 min
	4V	12 — 2ft	clay — then	sandy loam				45

REMARKS Very hard - packed - mottle w shale at 11 ft.

TYPE OF SOIL

TESTED BY [signature] ALSO PRESENT: [signature]

Feb 6, 1987
1:30 PM

APPLICATION

A 38439

PERCOLATION TESTING

P

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

DISTRICT 4th

DATE 1-19-87

ok to process owner's wife contacted of date. [illegible]

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 ROBERT W. GODDARD

ADDRESS 6802 RICHARDSON RD. BALTO. MD. 21207 PHONE 298-5359

PROSPECTIVE BUYER

ADDRESS PHONE

PROPERTY LOCATION: NEW ~~LOT~~ 3

SUBDIVISION PATAPSCO OVERLOOK SEC. 2 LOT NO. ~~14~~ SECT 2 Por

ROAD AND DESCRIPTION WELLER DRIVE

TAX MAP 2 PARCEL # 32

SIZE OF LOT 3.811 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. Robert W. Goddard
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

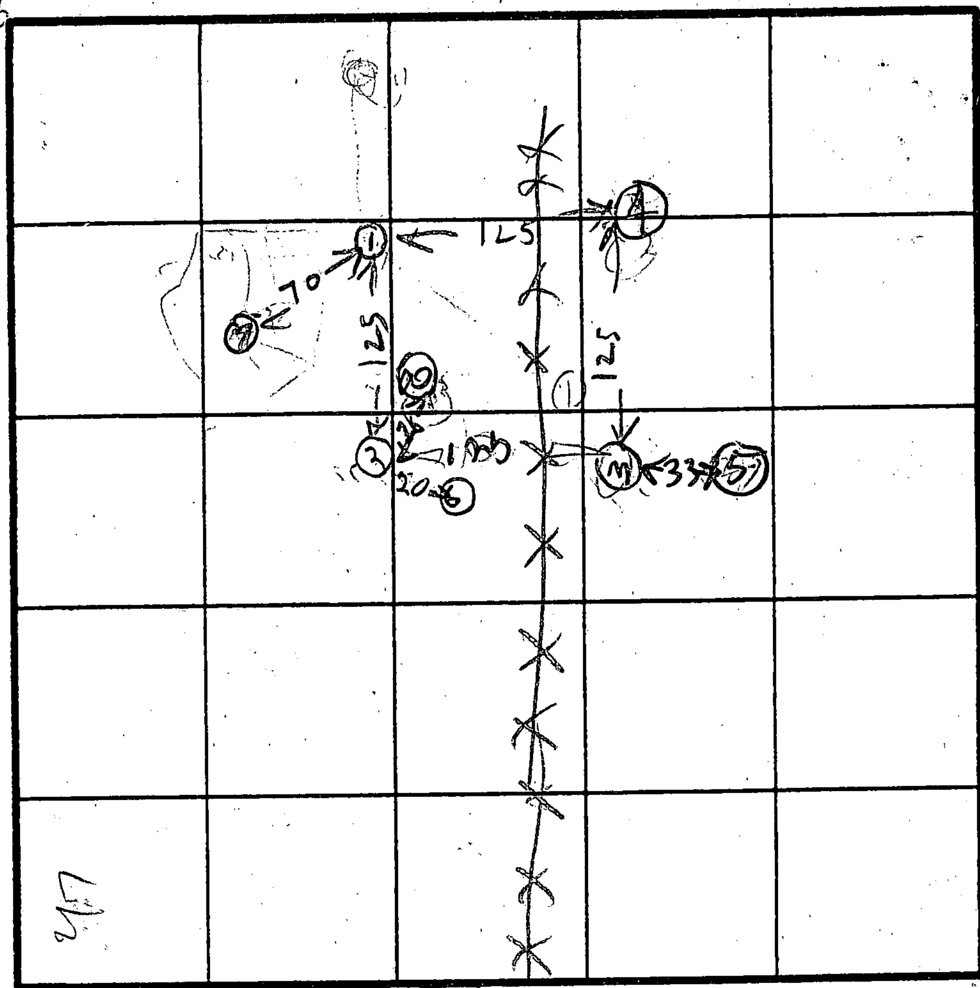
REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 2/6/87 - RECOMMEND USE ORIGINAL TEST AREA, RETEST - ROCK, WATER TOO SLOW & TOO FAST PERC TEST R10

THIS IS NOT A PERMIT

3½ ~ 457
5½ 8
OUT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

WOODBINE RD

HOLE ELEVATION
(1)(2) HIGH
(3)(4) LOW

(1) SOIL PROFILE
0' CLAY
2 BROWN GRAY SAND LOAM SOME SHALE
13

(2)
0 SANDY 30% BIG SHALE
5 SANDY 50% SHALE
11 HARD BOTTOM

(3)
CLAY & 10% SHALE
4 BROWN SAND LOAM 10% SHALE
11½ WATER
12

(4)
4 CLAY
SAND LOAM 10% SHALE
13½ WATER
14

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2/6/87	1D 1S	8 4	211 214	213 218	213 218	225 225	13 7
	1V	13	OK				
	2D 2S	7.5 4	225 230	232 1st inch 7 sec	232	245 2nd inch 9 sec	13 Too Fast
	2V	11	ROCK BOTTOM				
	3S 3D	3 6.5	240 240	252 244	252 244	307 248	15 4
	3V	12	WATER 11 FT				
	4S 4D	4 8.5	256 256	327 302	little pie 302	308	7
	4V	14	WATER 13.5 FT				
	5V	14	WATER 9 FT				
2/6/87	6V	10	ROCK BOTTOM				
	7V	8	ROCK BOTTOM				

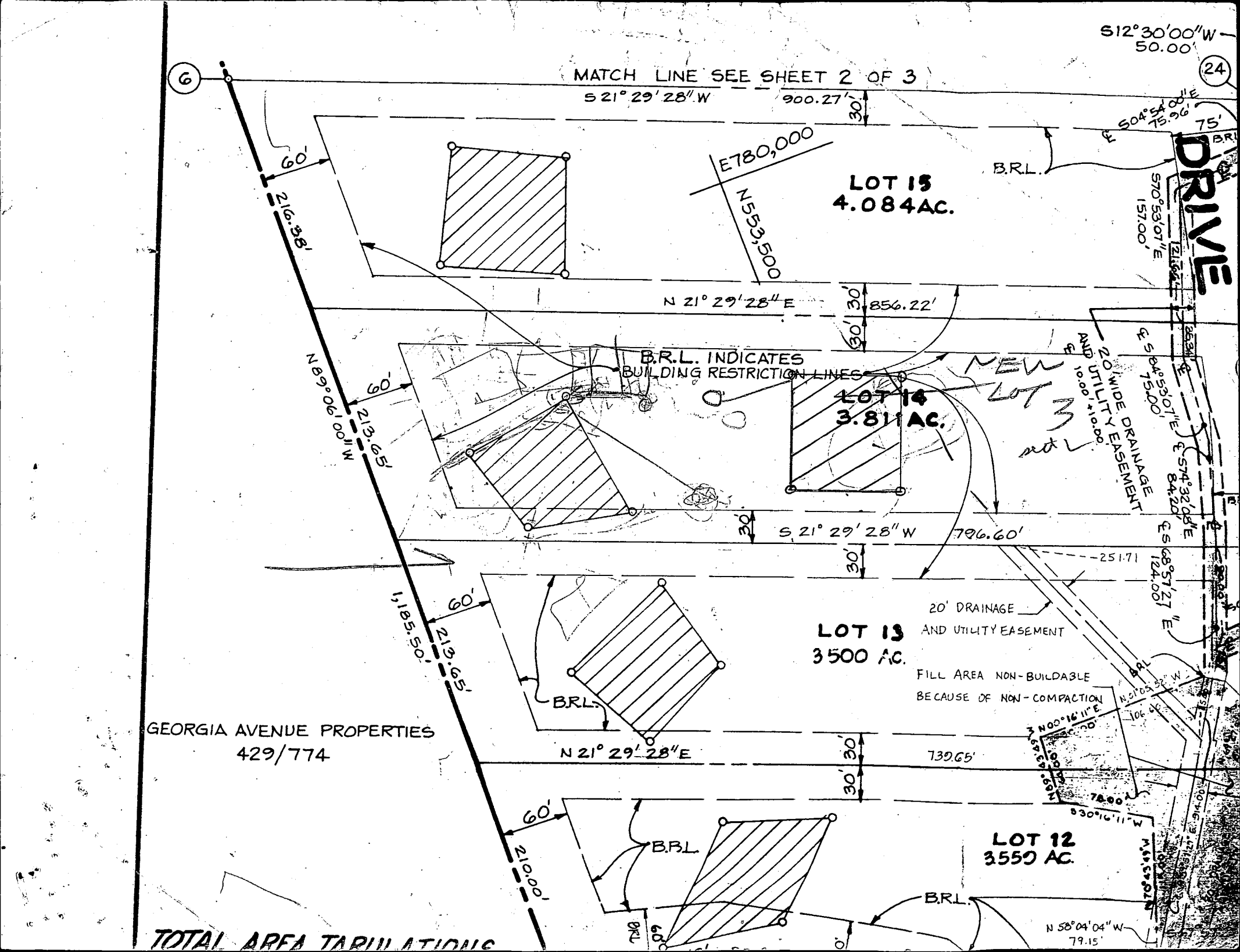
REMARKS Holes Dug Differently Than staked by surveyor

TYPE OF SOIL See Page 2 for Visual Holes

TESTED BY R HODGES

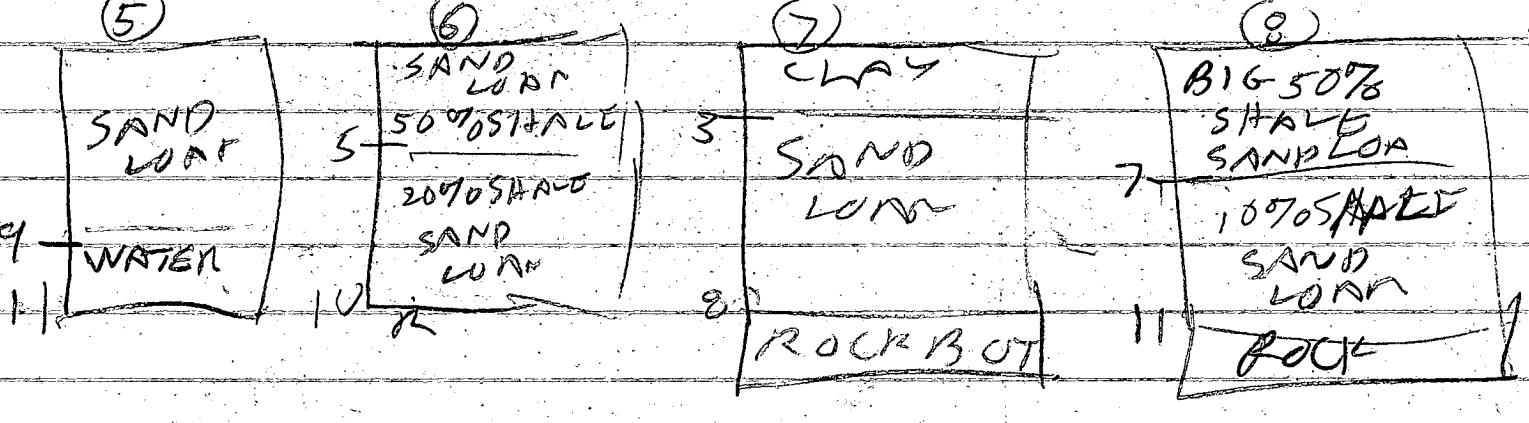
ALSO PRESENT Bob Anderson, Wayne, Robert Goodland owner

EH-10-1079


MATCH LINE SEE SHEET 2 OF 3
S 12° 30' 00" W 50.00'
24
6
S 21° 29' 28" W 900.27'
30'
E 780,000
N 553,500
LOT 15
4.084 AC.
B.R.L.
S 04° 54' 00" E 75.96'
75'
DRIVE
S 70° 53' 07" E 157.00'
N 21° 29' 28" E 856.22'
30'
B.R.L. INDICATES
BUILDING RESTRICTION LINES
N 89° 06' 00" W 213.65'
60'
LOT 14
3.811 AC.
NEW LOT 3
20' WIDE DRAINAGE AND UTILITY EASEMENT
10.00' + 10.00'
S 84° 53' 07" E 75.00'
S 74° 32' 08" E 84.20'
S 68° 57' 27" E 124.00'
S 21° 29' 28" W 796.60'
251.71
1,185.50'
213.65'
LOT 13
3500 AC.
20' DRAINAGE AND UTILITY EASEMENT
FILL AREA NON-BUILDABLE BECAUSE OF NON-COMPACTION
N 21° 29' 28" E 739.65'
N 00° 16' 11" E 78.00'
S 30° 16' 11" W 78.00'
LOT 12
3550 AC.
B.R.L.
210.00'
N 58° 04' 04" W 79.15'
GEORGIA AVENUE PROPERTIES
429/774
TOTAL AREA TABULATIONS

A38439

PATAPSCO OVERLOOK Lot 2



PRELIMINARY

APPLICATION

A 31258

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE March 26, 1981

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 Georgia Avenue Properties, Inc.

ADDRESS 13638 Georgia Avenue, Wheaton, Md 20906 PHONE Jack Boender 465-7777

PROPERTY LOCATION:

SUBDIVISION Georgia Avenue LOT NO. ✓ 24

ROAD AND DESCRIPTION Route 94 and Old Frederick Road

SIZE OF LOT 3 acres m/l TYPE BLDG. 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

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. /s/ Jack Boender for E. Brooke Lee, III
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

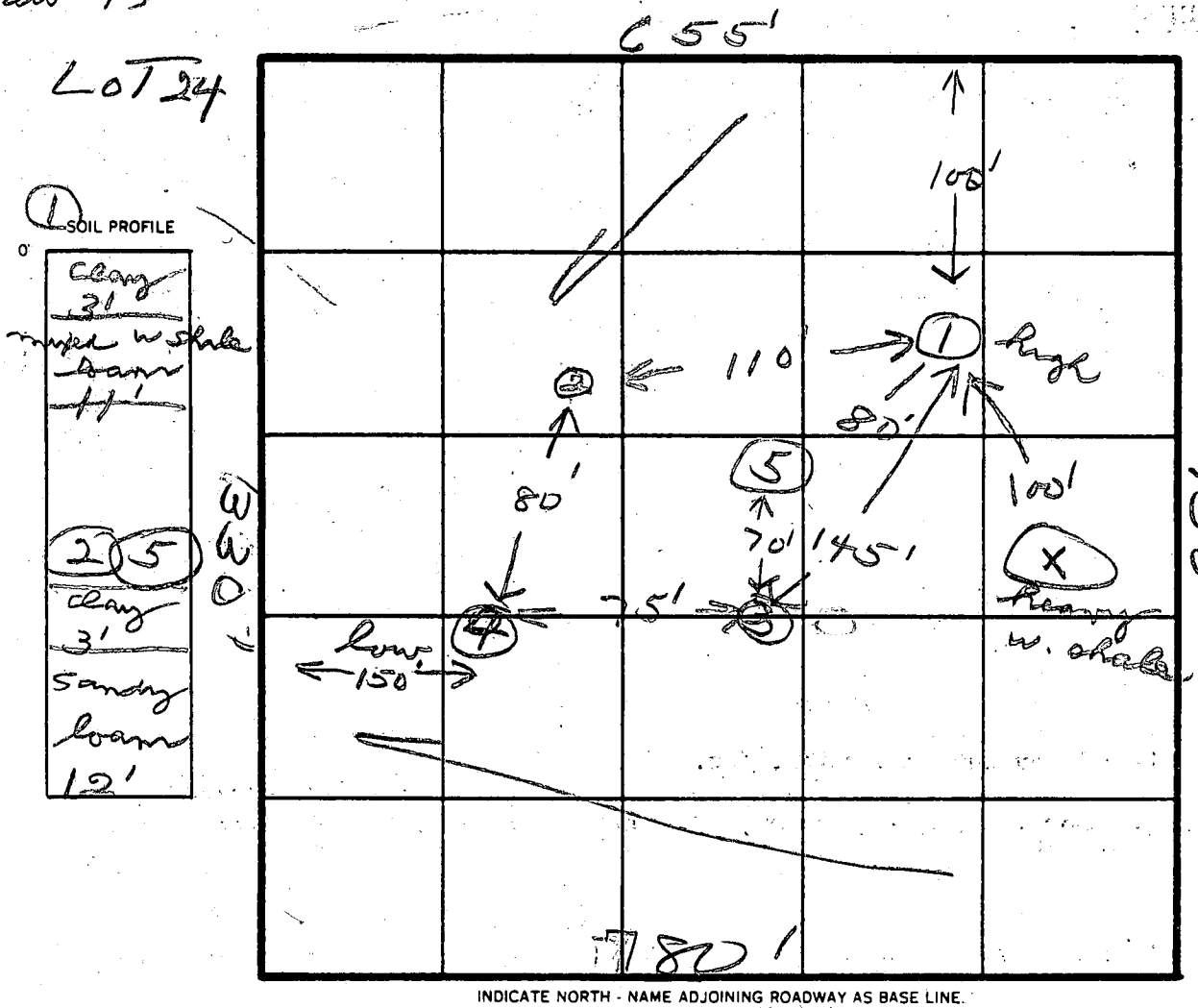
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

New 13

Lot 24



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4/2/81	1S	3/8	1:35	1:43	1:43	1:54	11
	1M	3/8	1:35	1:36	1:36	1:37	1
	2S	4/8	1:45	1:51	1:51	2:00	9
	2M	4/8	1:45	1:50	1:50	1:58	8
	3S	4/8	1:58	2:02	2:02	2:09	7
	3M	4/8	1:58	2:01	2:01	2:05	4
	4S	4/8	2:10	2:20	2:20	2:36	16
	4M	4/8	2:10	2:12	2:12	2:14	2
	5V	14					

3' inlet

8 min

(4)
clay
3'
Sandy
loam
14'

EH-12-1079

REMARKS OK

TYPE OF SOIL

TESTED BY JS ALSO PRESENT Richard Lee

EMERGENCY/TEMP NO. IF ANY

B 1 1709 SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER H0-81-2085
fill in this form completely

Date Received 2/19/87

OWNER INFORMATION

298-5359

Goddard, Robert
Last Name, Owner, First Name

6802 Richardson rd
Street or RFD

Baltimore MD 21207
Town, State, Zip

DRILLER INFORMATION

Bernard Feezer ADC
Driller's Name, License No.

Tri County
Firm Name

6689 Frederick rd. Lisbon
Address

Bernard Feezer 2/17/87
Signature, Date

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)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- (F) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- (I) INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- (P) PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- (T) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
(AIR-ROTary) AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT

other

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
- (Y) THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- (S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- (D) THIS WELL WILL DEEPEN AN EXISTING WELL

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

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE LS WRITE INITIALS IN BOX PERMIT No. H0-81-2085

B 3 LOCATION OF WELL

Howard COUNTY

Patapsco Overlook SUBDIVISION

SECTION 2 LOT 14

Lisbon NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 M

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NW 8-9 | N 8 | NE 8-9
W 8 | TOWN | E 8
SW 8-9 | S 8 | SE 8-9

Weller Drive NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH (N) WEST (W) (32) EAST (E) SOUTH (S)

800 DISTANCE FROM ROAD

ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A31158 COUNTY NO.

OEP SIGNATURE _____ STATE HEALTH INSERT S

DATE ISSUED 052087 D. Stanton CO SIGNATURE 11/20/87 EXP. DATE

NORTH GRID 55300 EAST GRID 07x000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

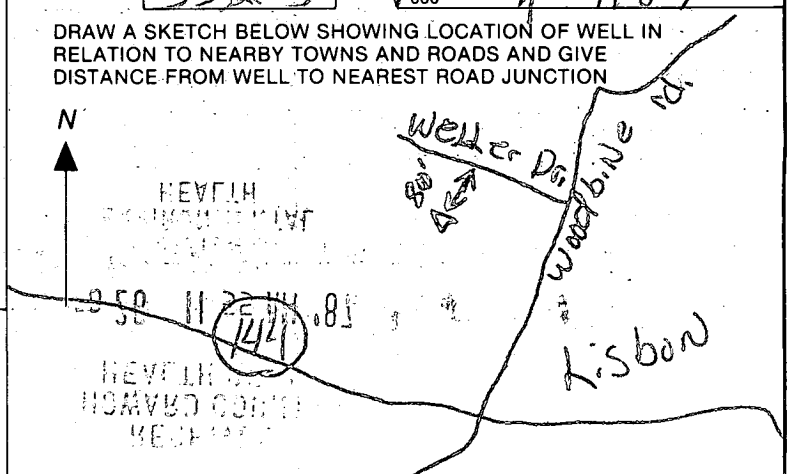
SOURCES OF DRILLING WATER
1. Septic area
2. Lagoon just finished

WRITE THE BOX NUMBER FROM THE MAP HERE

E 780
N 55x 3

Location of 77 - casing 2' above 50'± open x16 - drop cement 2/19/87

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



SPECIAL CONDITIONS

HEALTH

C 1 1106 SEQUENCE NO. (OEP 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 A31158

DATE Received

DATE WELL COMPLETED 06/19/87

Depth of Well 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-81-2085

OWNER Goddard Robert (last name, first name)

STREET OR RFD Weller dr. TOWN Lisbon

SUBDIVISION Patapsco SECTION 2 LOT 14

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 FROM	FEET TO	Check if water bearing
orange soil	0	10	
Brown soil	10	45	
Shell (soft)	45	70	✓
Shell (hard)	70	115	✓
Shale	115	125	✓
gray white rock	125	250	✓

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 10.17.13 "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. 270

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Bernard Hess

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes (Y) no (N)

TYPE OF GROUTING MATERIAL

CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 22 NO. OF POUNDS 2068

GALLONS OF WATER 132

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. (TOP) to 50 ft. (BOTTOM)

(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	06	071

OTHER CASING (if used) — EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below

ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

EACH SCREEN

	DEPTH (nearest ft.)		
1	HO	175	250
2			
3			

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T TELESCOPE CASING (E.R.O.S.) LOG INDICATOR WQ OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 03

PUMPING RATE (gal. per min. to nearest gal.) 8

METHOD USED TO MEASURE PUMPING RATE 8 gpm

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34

WHEN PUMPING 70

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 (CIRCLE) (YES or NO) 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:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

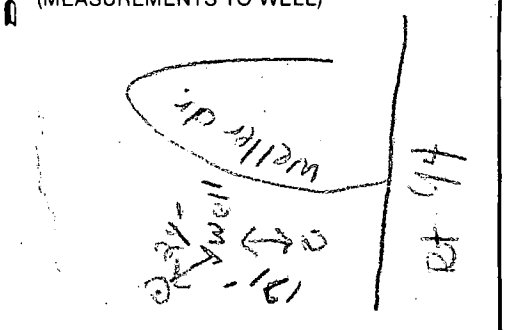
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

(+) above (−) below LAND SURFACE 1 (nearest foot)

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)



HEALTH

Page _____ of _____ Review 8/31/87 SK

Date _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2085

Location of property (road) Weller Dr

Subdivision Patapsco Overlook Lot 14 Block ____ Plat ____ Sec. ____

Well Driller Pleezer Owner Robt. Goddard

Depth of well 250'

Distance of measuring point (M.P.) above ground 2'

Static water level (S.W.L.) below M.P. 34'

I. High rate pumping -- reservoir drawdown

Time pump started 1:15 Pumping rate 12

Total time 30 min to reach pumping water level 70 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1:15	34	5		12
1:30	65	7		8
1:45	70	7		8
2:00	70	7		8
2:15	70	7		8
2:30	70	7		8
2:45	70	7		8
3:00	70	7		8
3:15	70	7		8
3:30	70	7		8
3:45	70	7		8
4:00	70	7		8
4:15	70	7		8

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation _____ Receipt # _____
Replacement _____ Date _____

Name of Installer _____ Telephone _____

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

Name of Property Owner Robert Goddard Telephone _____
Subdivision Patapsco Overlook Lot # 14 Well tag # HO-81-2085
Site Address ~~6811~~ 613 Weller Drive

Pump
1. Type
   a. Deep well jet _____
   b. Shallow well jet _____
   c. Submersible _____
2. Make _____
3. Model # _____
4. Capacity _____ GPM

Motor
1. Horsepower _____
2. RPM _____
3. Voltage _____
   a. 110 _____
   b. 220 _____

Pitless Adapter
1. Make _____
2. Model # _____
3. Depth _____

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
1. Capacity _____
2. Pressure relief valve? _____

Piping
1. Type _____
2. Size _____
3. NSF and/or BOCA Code approved _____
4. Depth of supply line _____

Well data
1. Depth _____ ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disenfected by installer? _____

2-16-88 Well line and electrical line ok at house connection. Trench partially covered. Pitless adaptor at 44 inches. NO tank installed yet JE Nadeau

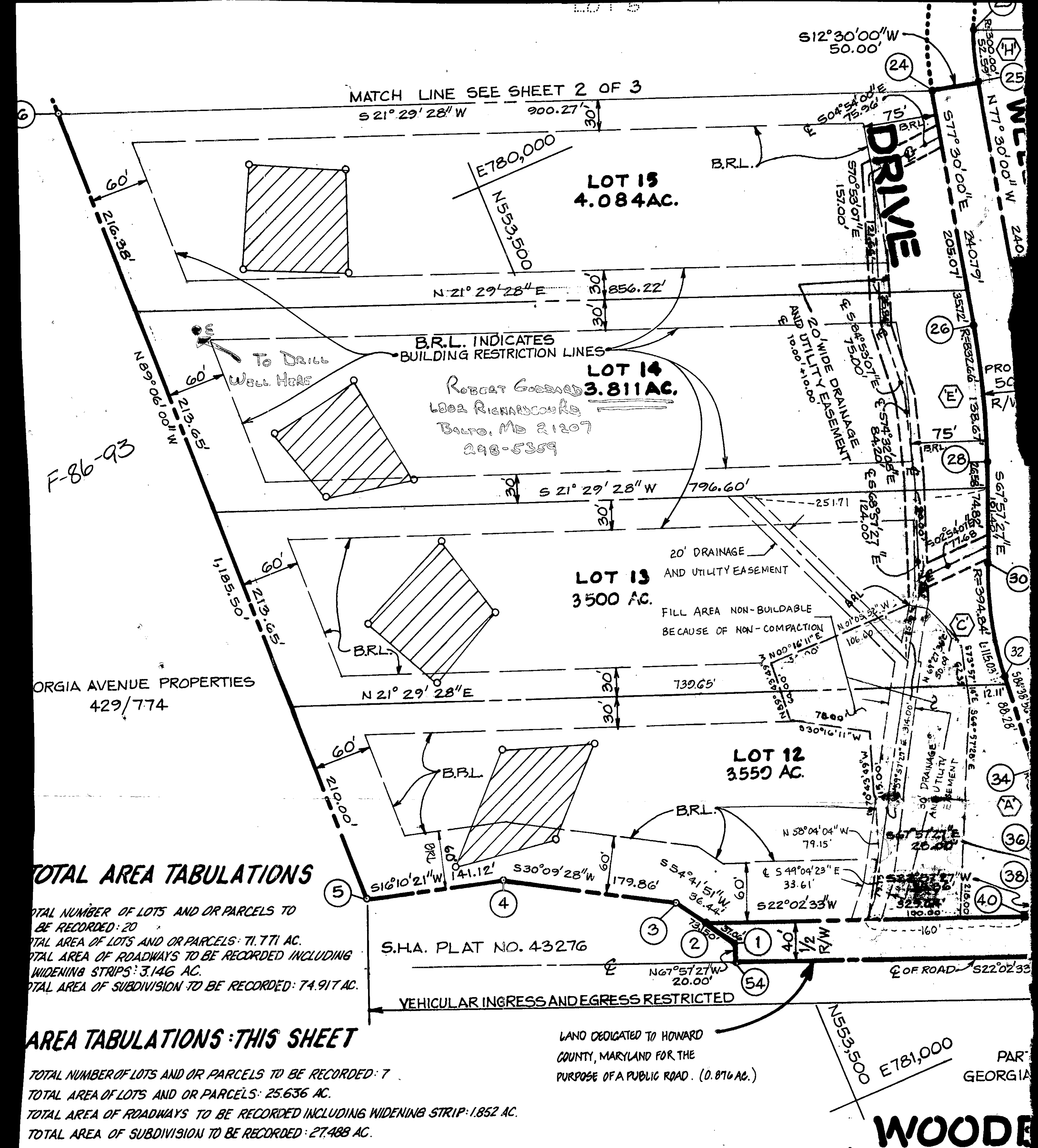
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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.



TOTAL AREA TABULATIONS

TOTAL NUMBER OF LOTS AND OR PARCELS TO BE RECORDED: 20
TOTAL AREA OF LOTS AND OR PARCELS: 71.771 AC.
TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 3.146 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 74.917 AC.

AREA TABULATIONS : THIS SHEET

TOTAL NUMBER OF LOTS AND OR PARCELS TO BE RECORDED: 7
TOTAL AREA OF LOTS AND OR PARCELS: 25.636 AC.
TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIP: 1.852 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 27.488 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

[signature] 6-18-86

HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

PLANNING DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

OWNERS STATEMENT

WE, GEORGIA AVENUE PROPERTIES INC, A MARYLAND CORPORATION BY: E. BRO[...] PRESIDENT AND E. BROOKE LEE III, TREASURER , OWNERS OF [...] PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN [...] SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FI[...] BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM [...] RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, IT[...] SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND [...] SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AN[...] SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AN[...] SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE [...] FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODP[...] OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE [...] HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIR[...] SIMPLE TITLE TO THE BEDS OF THE STEETS AND/OR ROADS AND FLOOD[...] DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; AND (3) [...] REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR T[...] PURPOSE OF THERE CONSTRUCTION, REPAIR, AND MAINTENANCE; AND (4) TH[...] OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER [...] EASEMENTS AND RIGHT-OF-WAYS.
WITNESS MY/OUR HANDS THIS 27 DAY OF Aug. 1981

E. Brooke Lee [signature]

2-16-88 ASAP

PERMIT

P 40852

A 31158

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

DISTRICT 4th

DATE 1/22/87

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED
04-344723

DATE SYSTEM APPROVED 2-16-88

INSPECTOR JEN

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL X ALTER ____

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Patapsco Overlook ROAD ~~631~~ 613 Weller Drive LOT 14

PROPERTY OWNER Robert Goddard

ADDRESS ____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

150 ft trench
4 | 600
4
20
20

GARBAGE GRINDER? YES ____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet maximum depth 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start first trench 200 feet from the rear lot line and 130 feet from the left lot line as seen when facing the property from Weller Drive. Run trenches along contour toward left side of property.

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

PLANS APPROVED BY C. Williams DATE 12/29/86

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.

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 40 PVC OR ABS.

BUILDING PERMIT SIGNED AND RETURNED
9720 - B00155816 - GREAT ROOM 2 CAR GARAGE

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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

3115 8

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

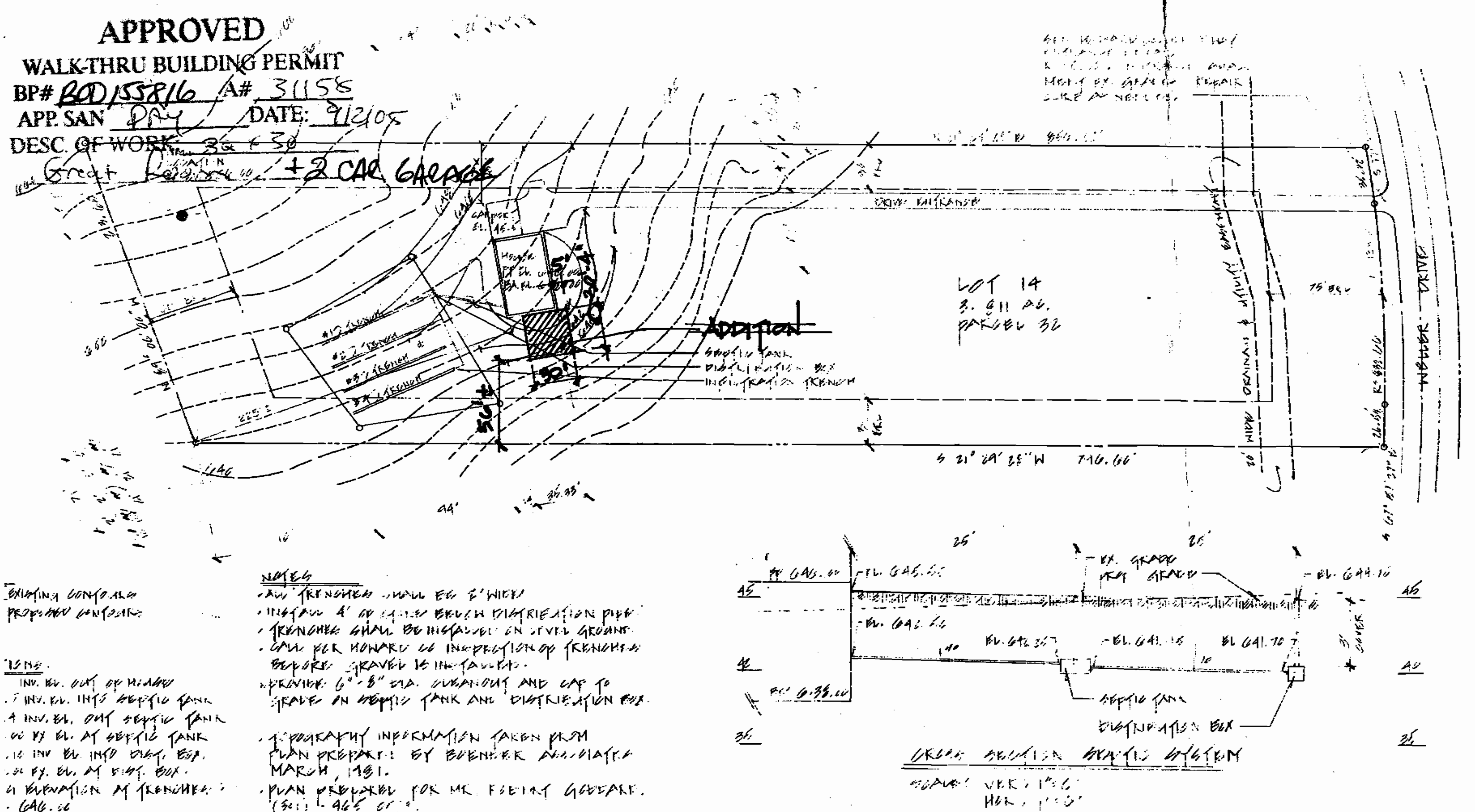
APPROVED

WALK-THRU BUILDING PERMIT

BP# B0D155816 A# 31158

APP. SAN PRY DATE: 9/2/05

DESC. OF WORK: 36 × 30 Great Room + 2 CAR GARAGE



EXISTING CONTOURS

PROPOSED CONTOURS

NOTES

- ALL TRENCHES SHALL BE 2' WIDE
- INSTALL 4" [illegible] DISTRIBUTION PIPE
- TRENCHES SHALL BE INSTALLED ON LEVEL GROUND
- CALL FOR HOWARD CO. INSPECTION OF TRENCHES BEFORE GRAVEL IS INSTALLED.
- PROVIDE 6"-8" DIA. CLEANOUT AND CAP TO GRADE ON SEPTIC TANK AND DISTRIBUTION BOX.
- TOPOGRAPHY INFORMATION TAKEN FROM PLAN PREPARED BY [illegible] ASSOCIATES MARCH, 1981.
- PLAN PREPARED FOR MR. [illegible] GODDARD. (301) [illegible]

GRAVITY SEPTIC SYSTEM

SCALE: VERT. 1"=6' HOR. 1"=5'

SITE PLAN SEPTIC DESIGN

LOT 14 PATAPSCO OVERLOOK [illegible]

TAX MAP [illegible] ZONED R [illegible]

4TH ELECTION DIST. HOWARD CO. MD.

SCALE: 1" = 60' DATE: 7/23/81

613 Weller Rd