

10/8/92 AM
10/9/92 3 PM
cancelled 10/14/92

02-339560

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 48576

A 39196

DISTRICT 2nd

DATE 9/25/92

DATE SYSTEM APPROVED 10/14/92

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

J. Joseph Gartland IS PERMITTED TO INSTALL X ALTER

ADDRESS 1835 West Old Liberty Road, Westminster, Md. 21157 PHONE 875-2400

SUBDIVISION Burleigh Manor LOT 670 ROAD 10439 Kingsbridge Road

PROPERTY OWNER Andrew C. & Pamela M. Goresh

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 400

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 4 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Starting from lot corner at end of flagstem (intersection of 758.63' and 593.76' lot lines), start first trench 420 feet down left lot line and 45 feet off this same lot line. Run trenches toward both sides of lot. Run trenches on contour.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 5/21/92 RH

PLANS APPROVED BY Mark Rifkin DATE 8/07/89

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

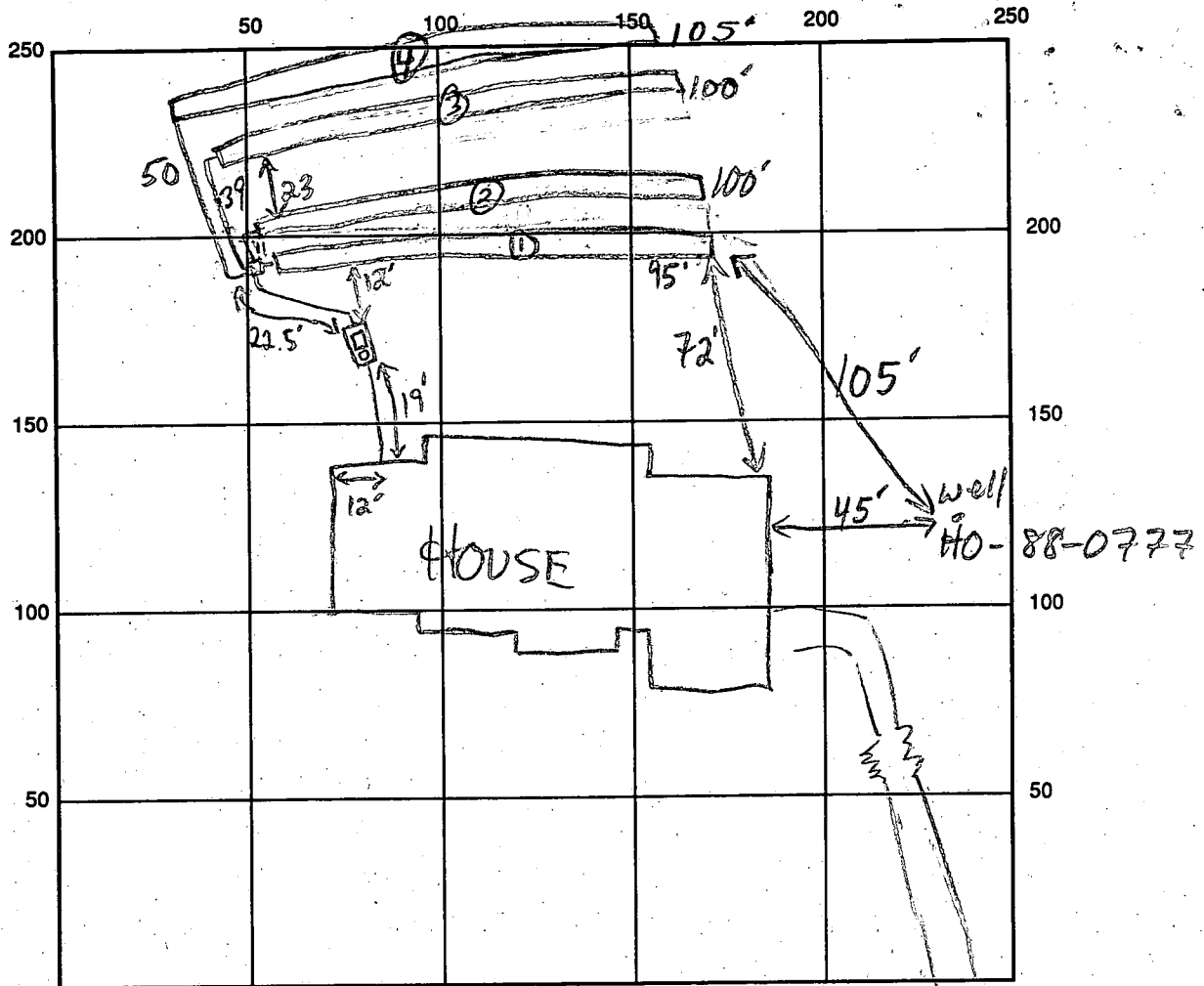
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

Add'l - Always
BLDG. PERMIT SIGNED
AND RETURNED 5-1-96
Serial # 64637

A
39196



KINGSBRIDGE RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK

CLEANOUTS MANHOLE 4 8" ON S.T. OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 095 @ 100 @ 100 @ 105

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 0285 @ 300 @ 300 @ 315 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 1200 SQ. FT.

REMARKS: 10/8/92 TRENCH LOCATIONS DETERMINED W/RESPECT TO TREES MR

10/14/92 OK TO COVER ALL WORK MR

DATE SYSTEM APPROVED

10/14/92

INSPECTOR

M. Ripkin

APPLICATION

PERCOLATION TESTING

A 39196
P _____

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

DISTRICT _____
DATE _____

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 ~~Stewart J. Greenbaum Andrew C. Pamela M. Goresch~~
~~Gerald M. Katz, Trustee c/o Whitman, Regardt and Associates~~
suite 410, Woodholme Center, 1829 Reisterstown Rd Balt, 21208
ADDRESS ~~2315 Saint Paul Street, Baltimore, Md. 21218~~ (301) 235-3450
461-663 484-8400

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION: Lot 678 on Prelim Plan
SUBDIVISION Burleigh Manor Section 2 LOT NO. 47
10439 Kingsbridge Road, Ellicott City 21043
ROAD AND DESCRIPTION West of the intersection of Centennial Lane and Old Annapolis Rd.

TAX MAP 23, 24 PARCEL # 290
SIZE OF LOT 3 Ac. 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.

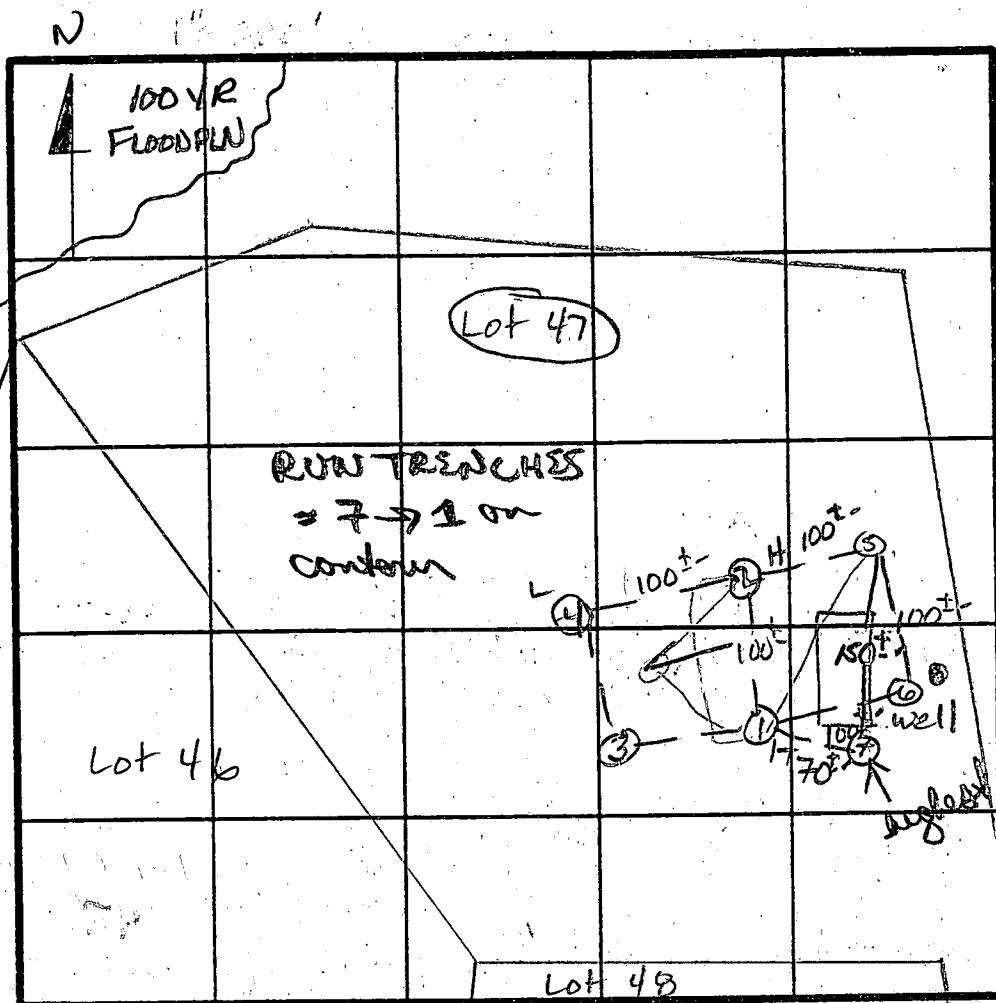
Hen Skoren (301) 484-8400
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR BDG. PERMIT SIGNED AND RETURNED 9-20-89
REJECTED BY _____ FOR BP# 20862 5 bdrms DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____
REASONS FOR REJECTION OR HOLDING 6-5-87 NEED ADDITIONAL TESTING. SAK
7-15-87 PERC SATISFACTORY - hold for PLAN. SAK

BDG. PERMIT SIGNED
AND RETURNED 9/21/89
10/18/89 - SEP 5 bedrooms

THIS IS NOT A PERMIT



\bar{X} Perc 18 min
 2259/BR
 Inlet 4 1/2
 Bottom 5 1/2

SOIL PROFILE
 4.5'
 A-1-3
 Yellow Br
 silty CLM
 loam
 10-15%
 frags
 3.5'
 Yellow Br
 silt loam
 10-20%
 frags
 13'

(4)
 A-1-3
 Yellow Br
 very rocky
 35%+ small
 stones
 clayey silt
 loam
 Yellow Br
 SAND LOAM
 25-35%
 frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROAD "AA"

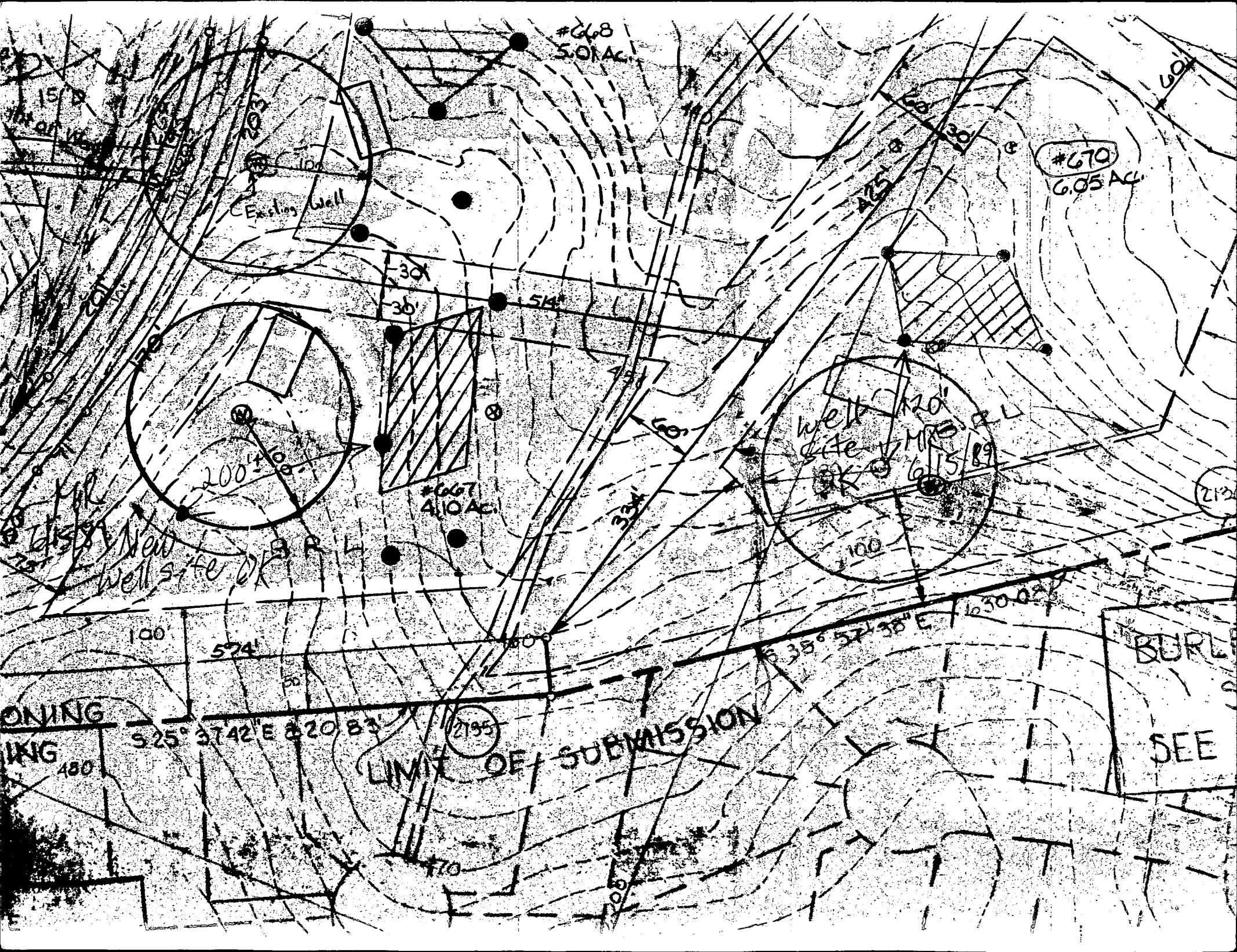
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/5/87	1 S	3.5'	11:38	11:45	11:45	2:05	20 min
		8.5'	11:40	11:44	11:44	1:52	8 min
	1 V	13'	UNIFORM soil below 3.5'				
	2 V	12.5'	SAME AS #1		UNIFORM soil below 3.5-4'		
7/15/87	3 S	4.5'	11:48	2:15	NO MOVEMENT		
		12'	HARD BOTTOM - SAMPLES #1 & 2		CLAY clumps		
	4 S	4'	11:51	2:21	NO MOVEMENT		
	4 V	12'	UNIFORM soil below 5.0'				
	6 S	4.5'	11:14	11:34	NO MOVEMENT		
7/15/87	5 S	12.5'	WATER AT 12'				
		4'	11:23	11:28	11:28	11:39	11 min
	7 S	12.0'	UNIFORM soil below 4'		DRY AT BOTTOM		
	7 V	4.5'	12:01	12:16	12:16	12:47	31 min
		12.0'	UNIFORM soil below 4.0'				

REMARKS Holes Per PLAT / Shallow Syst. only - Dig ADDITIONAL holes

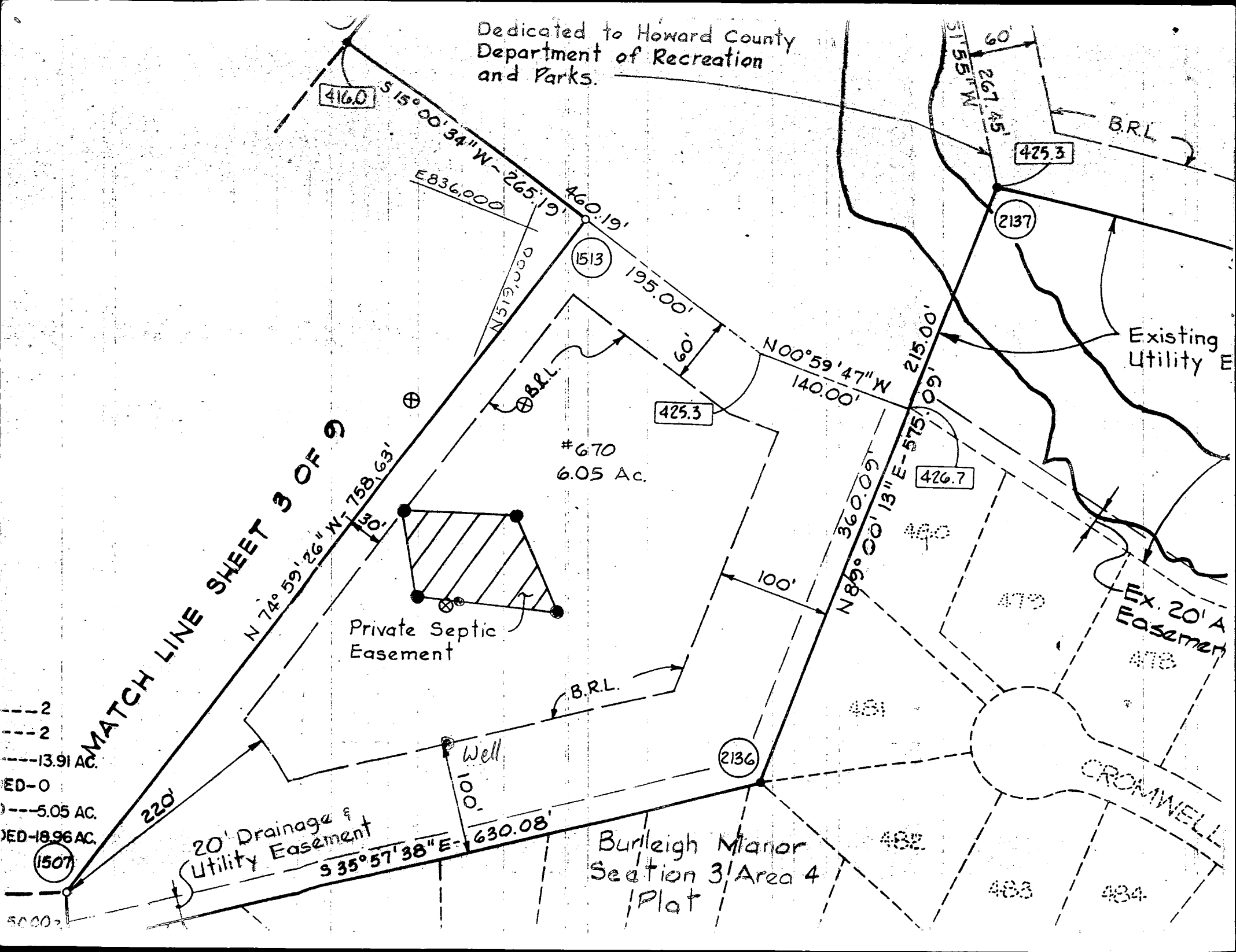
TYPE OF SOIL Chestnut/Boile

TESTED BY S. Abel

ALSO PRESENT Jeff, Rocky, Bill



Dedicated to Howard County
Department of Recreation
and Parks.



MATCH LINE SHEET 3 OF 9

20' Drainage &
Utility Easement

Private Septic
Easement

#670
6.05 Ac.

Burleigh Manor
Section 3 Area 4
Plat

CROMWELL

2
2
13.91 AC.
ED-0
5.05 AC.
ED-18.96 AC.
1507
5000

416.0

460.19'

1513

425.3

426.7

2136

2137

425.3

479

Ex. 20' A
Easement

482

483

484

E836.000

Well

S 35° 57' 38" E - 630.08'

N 00° 59' 47" W - 140.00'

N 89° 00' 13" E - 575.09'

S 15° 55' W - 267.45'

220'

N 74° 59' 26" W - 758.63'

N 51° 19' 00" E - 800.00'

195.00'

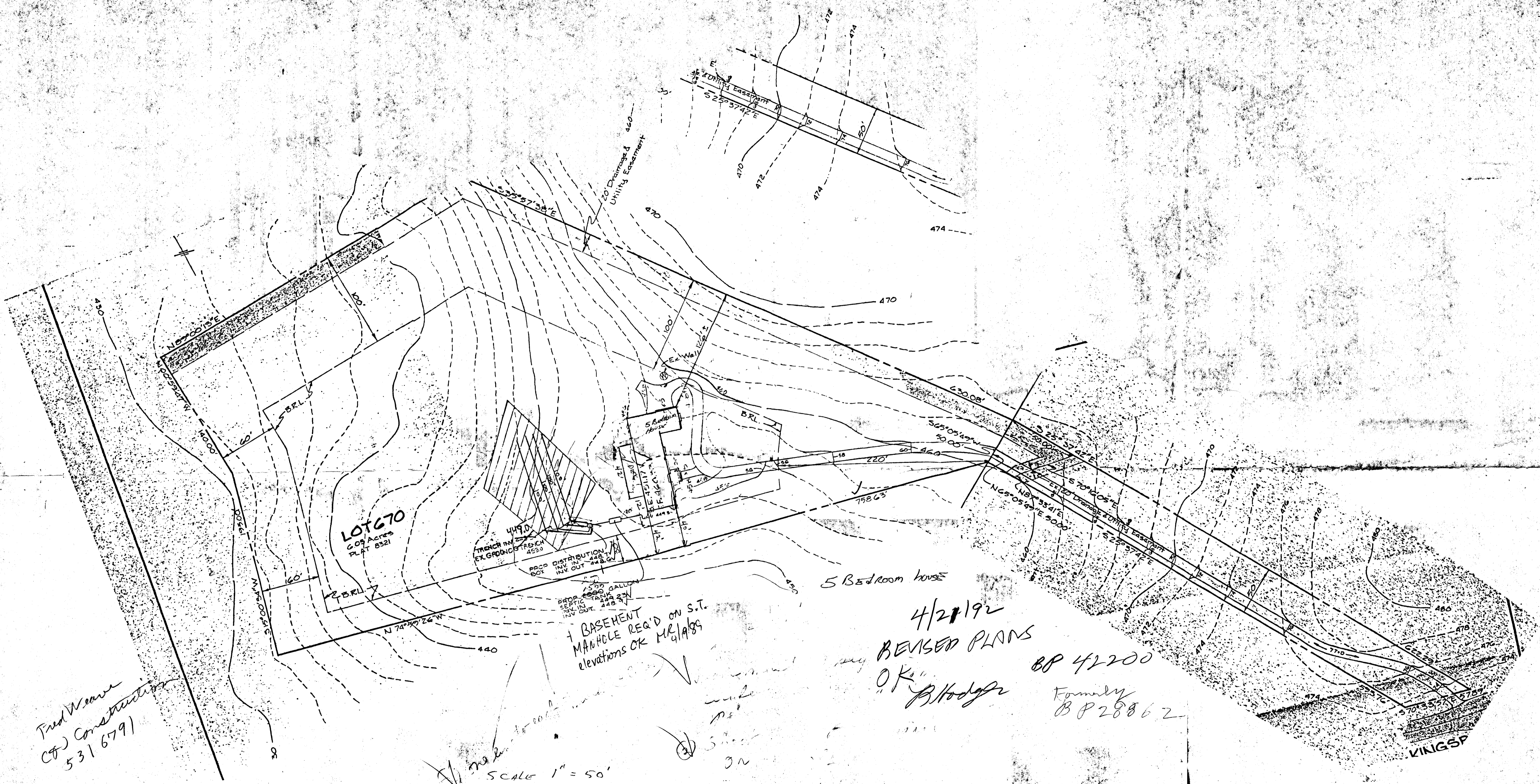
215.00'

B.R.L.

B.R.L.

Existing
Utility E

Ex. 20' A
Easement



I certify that the above measurements are actual and correct for this project.

C. J. Horan Inc. by
 Fred Weaver P.O.
 4/21/92

BURLINGHAM MANOR LOT 670
 (P. 28862)

B 4 5659 SEQUENCE NO. (DP. USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER 10-99-0777 fill in this form completely

Date Received (APA) 052399 OWNER INFORMATION Greenbaum Ross Ass. 1777 Registerstown Rd. Baltimore MD 21208

LOCATION OF WELL Howard 8 County Annapolitan Manor 23 Subdivision Section 2 Lot 670 Ellicott City 52 Nearest Town 3.2 Miles from town

DRILLER INFORMATION Joseph L. Mayne 238 Driller's Name License No. 80 Joseph L. Mayne Well Drilling 5512 Ridge Rd. Mt. Airy 21771 Address Signature Date 5/22/89

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) Kingsbridge Rd. NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 250 ENTER FT or MI FF

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A39196 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 06/11/89 CO SIGNATURE Craig Williams 12/16/89 EXP. DATE NORTH GRID 518000 EAST GRID 0836000

APPROXIMATE DEPTH OF WELL 300 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 other

REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE CW INITIALS IN BOX PERMIT NO. 10-99-0777

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 83X16 52X18 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION ELlicott City HEALTH DEPARTMENT RECEIVED 8/4/89 GROUT 9:30 PARTIALLY OBS'D 40' OPEN 59' CASING 31' CASING A.C. 22 BAGS MR VTAG OK 8/4/89

SPECIAL CONDITIONS COUNTY

C1 **0072** 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 **A39196**

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED
080489

Depth of Well
125
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
40-R8-0777

OWNER **Greenbaum & Assoc** last name **Greenbaum** first name
 STREET OR RFD **Kingsbridge Rd** TOWN **Ellicott City**
 SUBDIVISION **BURLEIGH MANOR** SECTION **LOT 670**

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	
SAND Stone	0	52	
Clay Mica rock	52	125	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** (yes) **N** (no)
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **92** NO. OF POUNDS **2068**
 GALLONS OF WATER **132**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **40** 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 **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **59**

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
 DEPTH (nearest ft.)
 1 **11** **55** **125**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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. **938**

DRILLERS SIGNATURE *[Signature]*
 (MUST MATCH SIGNATURE ON APPLICATION)

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

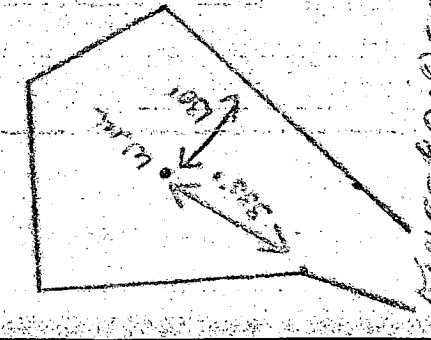
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **10**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **15**
 WHEN PUMPING **41**
 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**
 (CIRCLE) (YES or 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 } LAND SURFACE }
 (-) below } **4** (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)



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
Replacement

Receipt # 48547
Date 9/23/92

Name of Installer J. JOSEPH GARTLAND, INC.

Telephone 875-2400

License Number 1713

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Andrew Goresch Telephone 461-6163

Subdivision Burleigh Manor Lot # 670 Well Tag # HD-88-0777

Site Address 10439 Kings Bridge Rd.

Pump

- Type
 - Deep well jet
 - Shallow well jet
 - Submersible
- Make Goulds
- Model # 10EJ05422
- Capacity 10 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
- RPM
- Voltage
 - 110
 - 220

Pitless Adapter

- Make Harvard
- Model # PT800
- Depth 42"

Tank

- Capacity 42 gal.
- Pressure relief valve? 7.5 psi

Piping

- Type PLASTIC
- Size 1"
- NSF and/or BOCA Code approved Yes
- Depth of supply line 42"


Well data

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

P.A. OK 5 1/2' B.G.
MR 10/14/92

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).

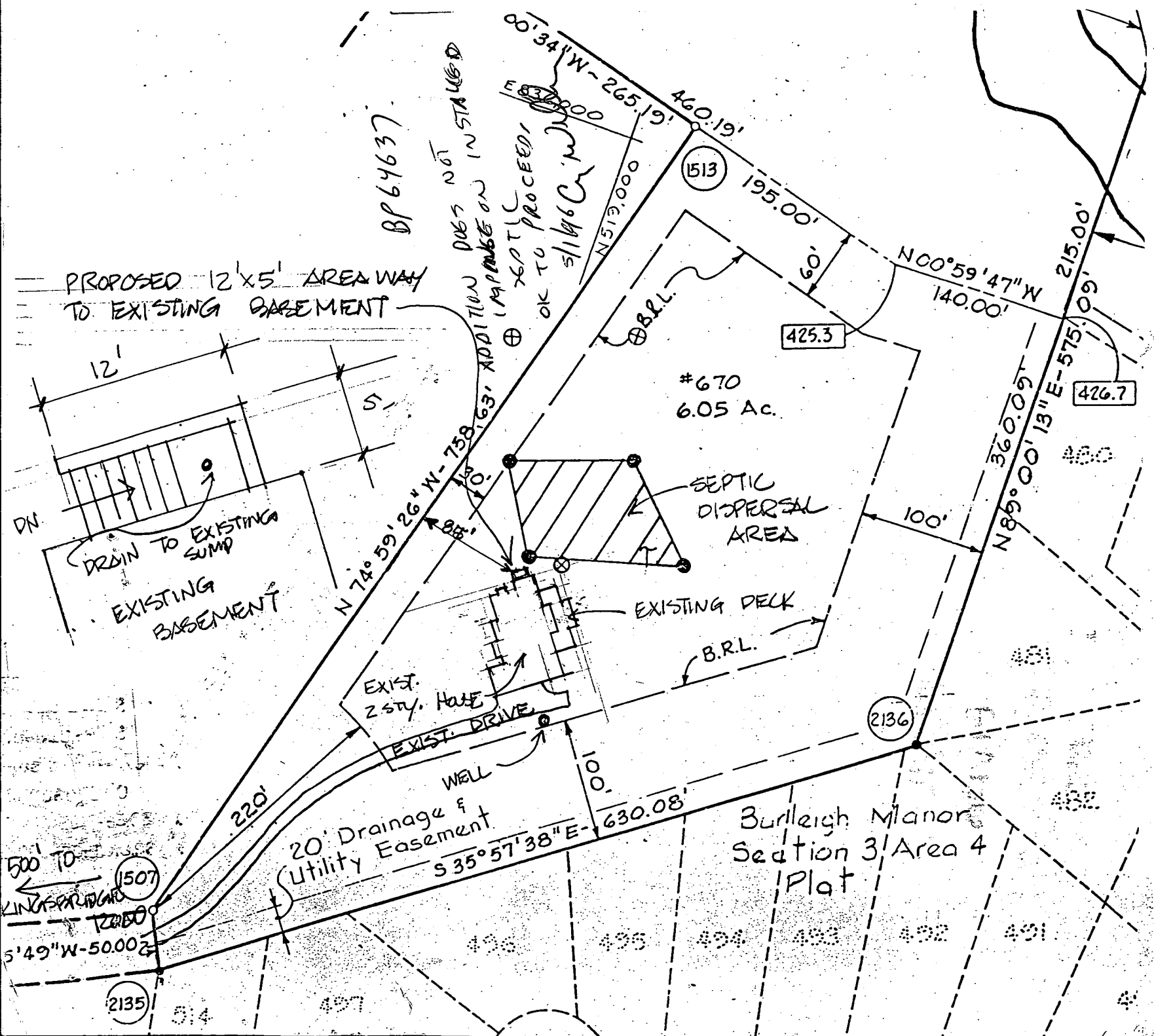
All information given above is true to the best of my knowledge

Signature of Applicant: 

Date: 9/23/92

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

BRANTLEY DESIGN / BUILD INC.
 8609 KRATZ LANE
 BALTIMORE, MD. 21244
 410-521-5350



PLOT PLAN
 1"=100'
 23 APRIL 90
 ANDY & PAM GORESH
 10439 KINGSBRIDGE ROAD
 HOWARD CO. MD.
 BURLEIGH MANOR SECTION 2
 2ND ELECTION DISTRICT
 TAX MAP 23 PARCEL 290
 PLAT 8321

