

~~3100 PM~~
~~10/16/84~~

approved 1/12/84
Signed

10/20/84
anytime

PERMIT

P 34477

A 26700

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

05 - 374081

ELLICOTT CITY

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

DISTRICT 5th.

DATE 10/16/84

INDEXED

Ashby Building Company IS PERMITTED TO INSTALL ALTER

ADDRESS 5755 Oaklhome Road, Sykesville, MD 21784 PHONE 781-6075

SUBDIVISION Gleneig Manor II ROAD 12691 Folly Quarter Road LOT 1A - Sec. 2

PROPERTY OWNER Howco Construction Company

ADDRESS 12228 Mt. Albert Road
Ellicott City, Maryland 21043

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4-4½ feet below original grade. Bottom maximum depth 9-10 feet below original grade. Effective area begins at 4 feet below original grade. 4½-6 feet of stone below distribution pipe. LOCATION: Start the trench 150 feet from the front lot line and 20 feet from the left side line as seen when facing the lot from Folly Quarter Road. Continue to dig the trench on level ground the necessary distance. NOTE: no trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before and after gravel is installed. Provide 6' - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Frank Skinner DATE 1/12/84

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

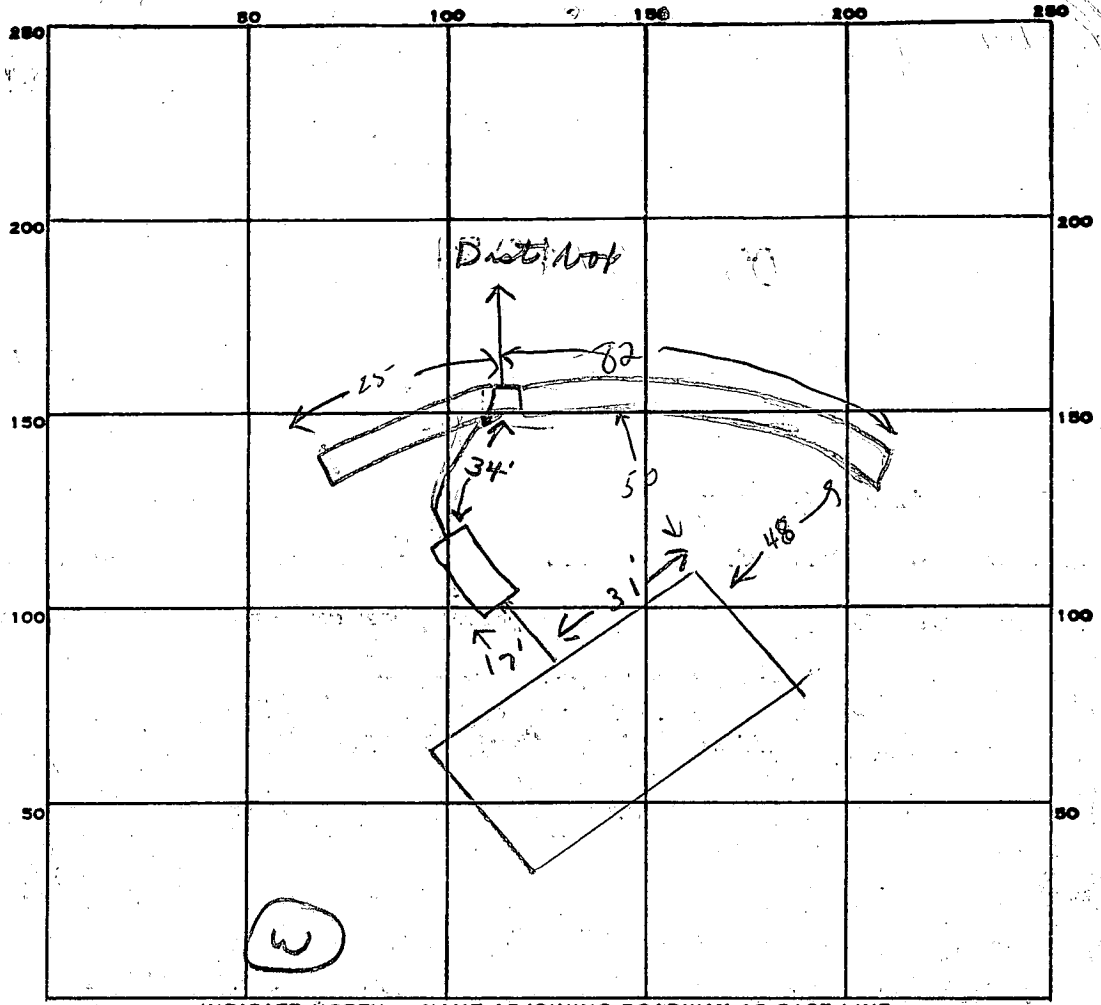
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 26700



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Folly Quarter

PERMIT CARD

SEPTIC TANK, LEVEL 1500 gal CLEANOUTS 5T

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 1/2 IN. TOTAL LENGTH 107 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 695+

107
65
535
642
6955

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 695+ SQ. FT.

REMARKS 10/22/84 OK to cover to septic. of
10/26/84 OK to cover all work of

DATE SYSTEM APPROVED 10/26/84

INSPECTOR Stayer

SUBDIVISION: Glenelg Manor 2

LOT NUMBER: 1A

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
→ 4 bedroom <u>per b.p. 5789</u>	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

158 sq. ft./bedroom

Trench to be 2' wide.

Inlet 4-4 1/2 feet below original grade.

Bottom maximum depth 9-10 feet below original grade.

Effective area begins at 4 feet below original grade.

4 1/2 → 6 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: Start the trench 150 feet from the front lot line and 20 feet from the left side line as seen when facing the lot from Folly Quarter Road. Continue to dig the trench on level ground the necessary distance

APPLICATION

A 26700

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th

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

DATE 8/17/77

Final
11-5-82
9:30 A.M.

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 Howco Construction Co
Howard Associates
ADDRESS 12228 Mt. Albert Road PHONE 988-9217
Ellicott City, Md Rhett Realty 465-4920

PROPERTY LOCATION:

SUBDIVISION Glenelg Manor - Section 2 LOT NO. 1A - Sec. 2
ROAD AND DESCRIPTION 12691
Off Folly Quarter Rd.

SIZE OF LOT 40,000 square feet ± TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE N/A

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

SIGNATURE OF APPLICANT /s/ Dale Maisel

APPROVED BY R. Hodges & F. Skerwin FOR Shallow depth DATE 1/12/82
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

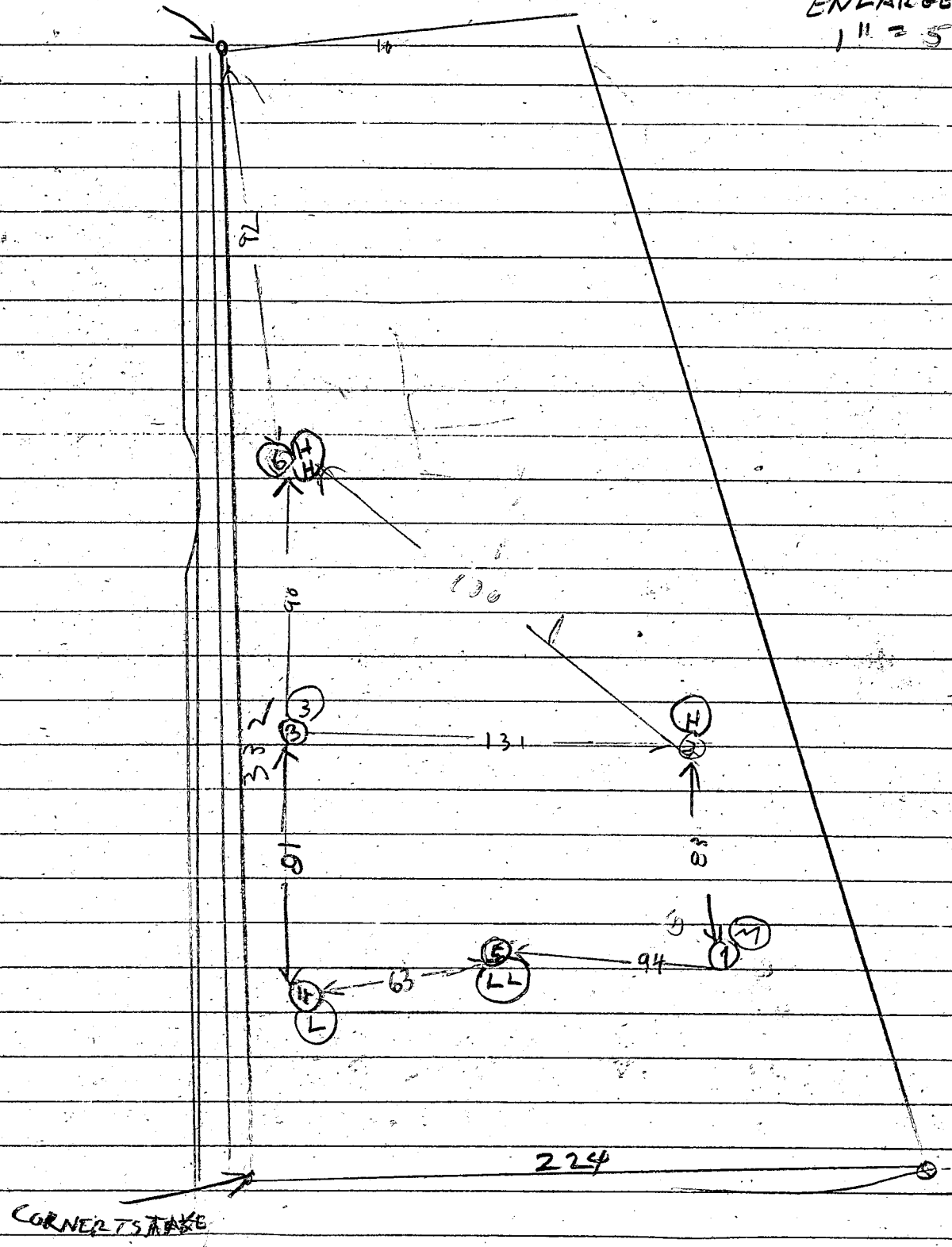
REASONS FOR REJECTION OR HOLDING 1/5/81 Hold for Review Water RW

BLDG. PERMIT SIGNED
AND RETURNED 1/2/84
Serial # 57084 SFU

THIS IS NOT A PERMIT

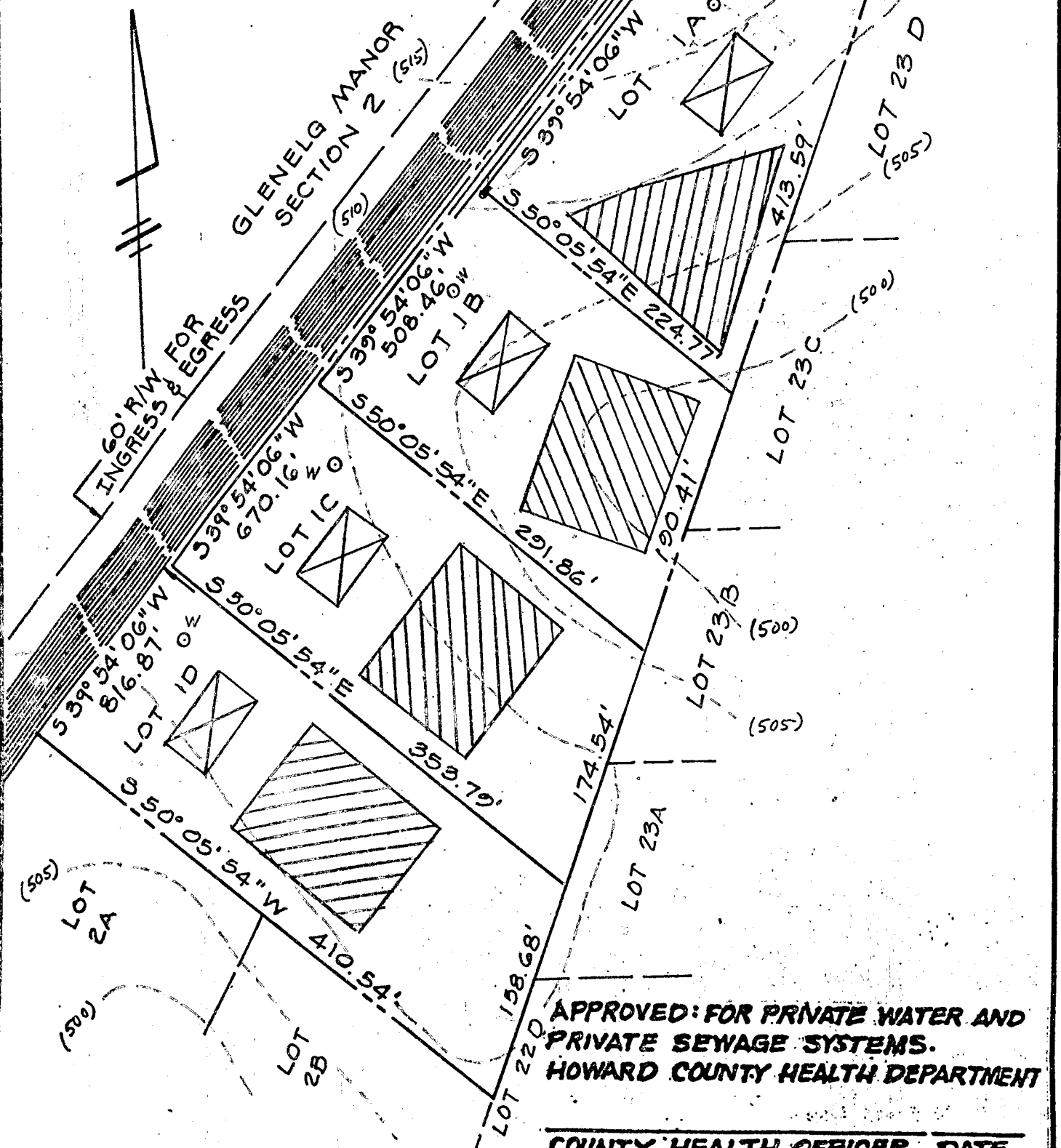
FULL QUARTER RD
CORNER STAKE

A2670
LOT 1A 2012
GLENELG MANOR
ENLARGEMENT
1" = 50 FT



THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

NOTE: PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.



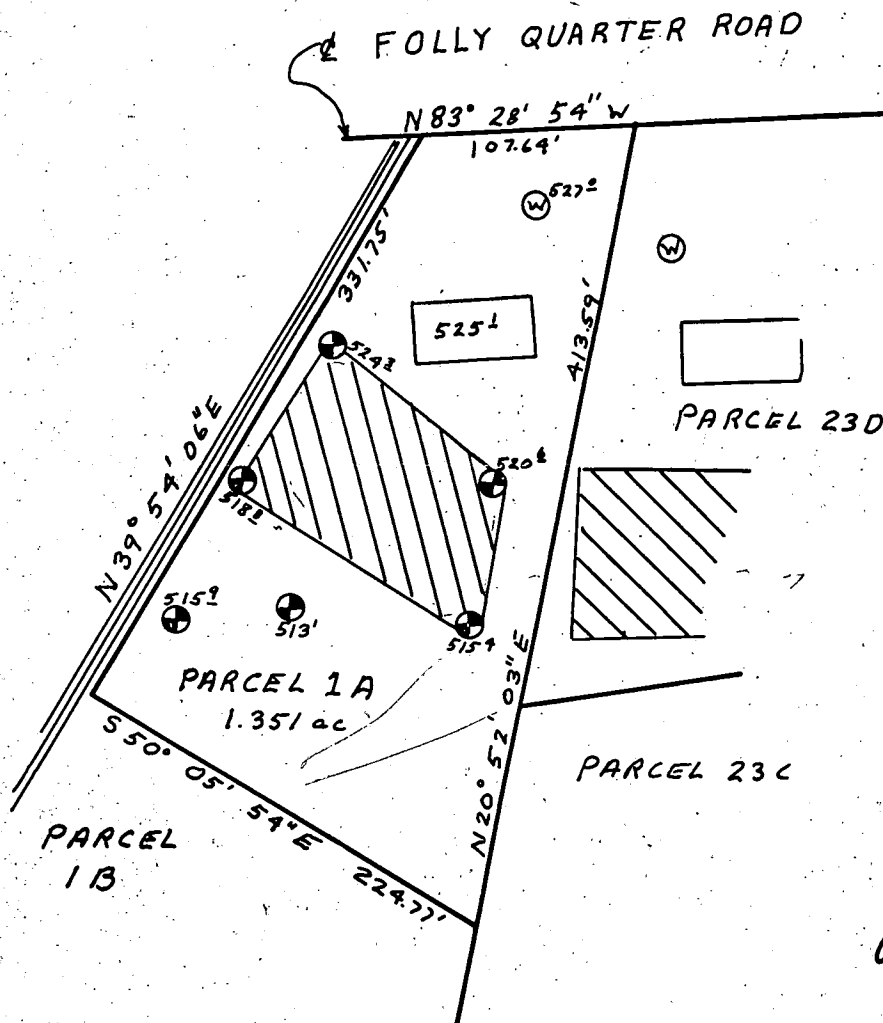
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER DATE

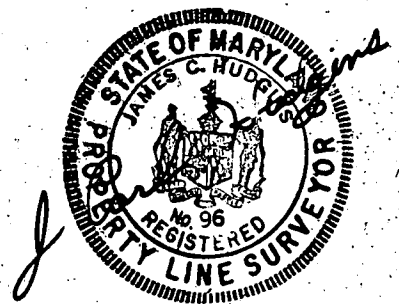
TITLE PERCOLATION TEST PLAT			
PROJECT LOT 1A, 1B, 1C, & 1D GLENELG MANOR - SECTION 2			
LOCATION 5TH ELECTION DISTRICT - HOWARD COUNTY, MD.			
DATE: 6/27/77	DESIGN BY: W.H.N.	DRAWN BY: W.H.N.	CHECKED BY: D.R.
SCALE: 1" = 100'	JOB NO.: 7778	DRAWING NO.: 1 OF 1	


boender associates

engineers
surveyors
planners



9/13/83
 Well site
 OK J.S.
 HO-81-0264



 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "⊕".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

PERCOLATION TEST PLAT
 PARCEL 1A
 GLENELG MANOR
 Section Two
 5th Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 1/5/82

APPROVED: For Private Water and Private Sewage Systems

James C. Hudgens
 County Health Officer
 1-12-82
 Date

NTT Associates
 Suite 307, Clark Bldg.
 Columbia, MD-21044
 321-0307

C1 4461

SEQUENCE NO. (OEP 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A26700

DATE RECEIVED

DATE WELL COMPLETED 09/19/83

DEPTH OF WELL 160 (NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0264

OWNER Reuwer Donald R. STREET OR RFD 201 Folly Quarter Road TOWN Glenelg SUBDIVISION Glenelg Manor SECTION 2 LOT 1-A

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. Rows include Top Soil, Sandy, Sand Stone, Mick A, Sand Stone, Mick A.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 8 NO. OF POUNDS 800

CASING RECORD casing types insert appropriate code below (ST, CO, PL, OT) MAIN CASING TYPE (PL) Nominal diameter 6 Total depth 38

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

SCREEN RECORD screen type or open hole (HO) insert appropriate code below (ST, BR, PL, HO, OT)

DEPTH (nearest ft.) HOLE NO. 36, 160

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

PUMPING TEST HOURS PUMPED 3 PUMPING RATE 6 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL BEFORE PUMPING 28 WHEN PUMPING 160 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX CAPACITY: GALLONS PER MINUTE PUMP HORSE POWER PUMP COLUMN LENGTH CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 2 (nearest foot)

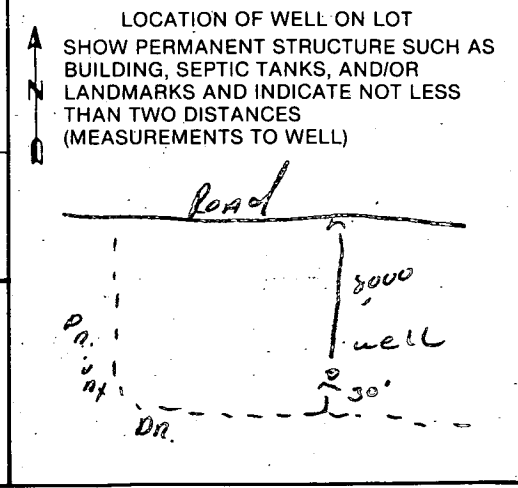
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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. 273 DRILLERS 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.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 **6896** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN CGLS. 3-6 ON ALL CARDS)

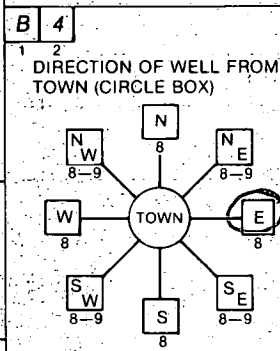
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
HO-81-0264
 fill in this form completely

Date Received **090683**
 OWNER INFORMATION
KEUWER **DOVALDO**
 15 Last Name Owner First Name
10194 BALF. MATL. PIKE
 36 Street or RFD 55
ELLICOTT CITY MD 21043
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD
 8 COUNTY 21
GLEWELG
 23 SUBDIVISION 42
 SECTION **22** LOT **1A**
 44 46 48 50
GLEWELG
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **3** MI
 73 76 77 78

DRILLER INFORMATION
Ralph MAYNE
 Driller's Name 77 License No. **273**
Ralph Mayne (well Drilling)
 Firm Name
9120 Bryson Church Rd. Mt Airy Md.
 Address
Ralph Mayne 8/30/83
 Signature Date



Folley Quarter Rd.
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **75** 37 DISTANCE FROM ROAD
 ENTER FT or MI **75**
 38 39

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 1 2 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
A26700 COUNTY NO.
 OEP SIGNATURE **Frank Sherrin** STATE HEALTH INSERT S
 DATE ISSUED **3/13/84** EXP. DATE
091383 CO SIGNATURE
 NORTH GRID **518000** EAST GRID **0812000**
 43 55 57 63

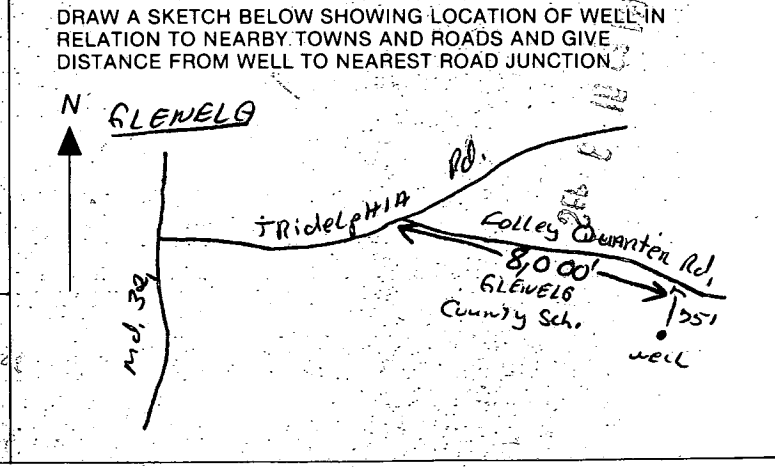
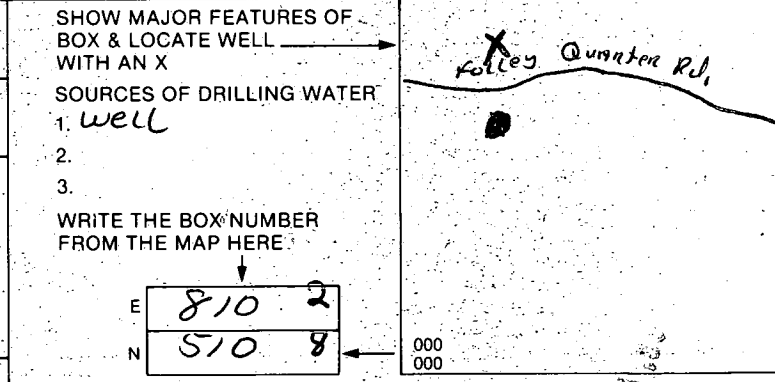
APPROXIMATE DEPTH OF WELL **150** FEET
 24 28

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)
 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
 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 (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 54 63
 FORCE **FS** WRITE INITIALS IN BOX PERMIT NO. **HO-81-0264**
 67-68 70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS

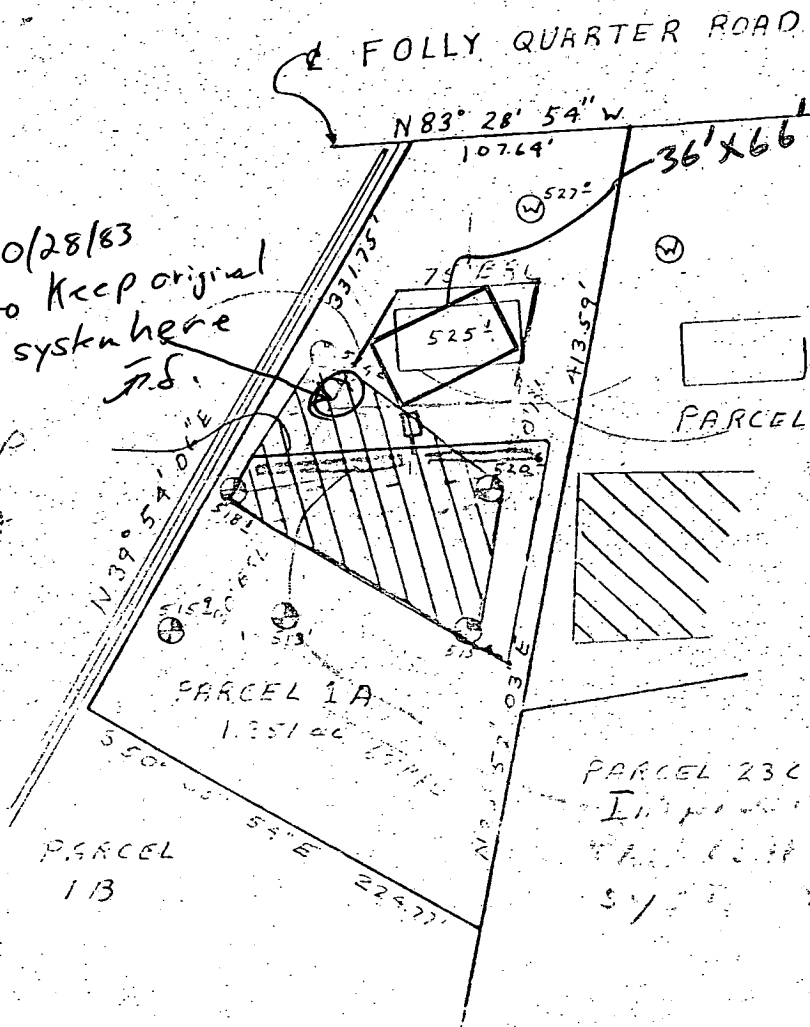
Location OK

38' - casing
1 1/2' - above gr.
35' - open
10 - bags cement

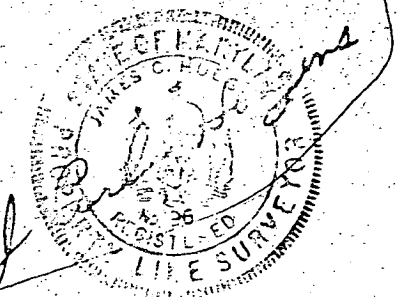
9/19/83 JS

WPL SUPPLY LINE AND PITLESS ADAPTER
INSTALLED 3 1/2' BELOW GRADE.
10/22/84 CW

10/28/83
 Try to keep original
 septic system here
 REVISER
 PERC
 AREA



This Lot as is offers
 a very restrictive
 House site. But
 we may be able to
 improve it easily.
 Take this Drawing to
 The Health Dept. 992-2330
 AND TALK TO FRANK
 SKINNER about the
 Revised Perc AREA
 I show here IT
 seems to me it
 offers a better system
 & House site



CALL me IF YOU
 HAVE ANY?

442-5579
 442-2031

POPULATION TEST PLAT
 PARCEL 1A
 GLENELG MANOR
 Section Two
 5th Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 1/5/82

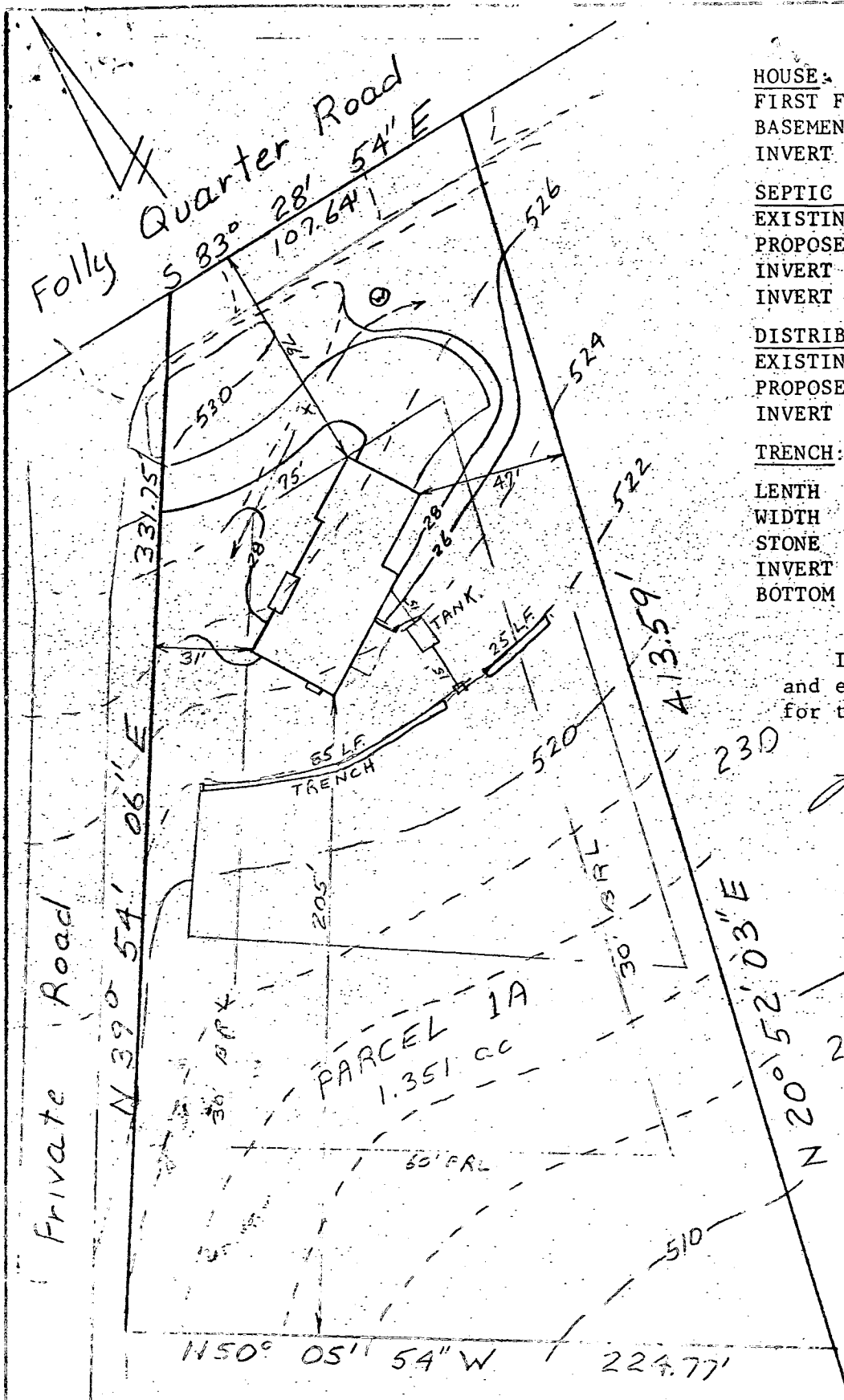
This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvement in any nature in this area are restricted until public sewage is available. These easements shall require soil and solid upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for such projects into the private sewage easement. Installation of a modified sewage easement shall not be necessary. Population test holes shown hereon have been field located and shown as "X".

The lots shown hereon comply with the minimum lot width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Population areas and water wells for adjoining lots shall be shown where pertinent.

MIT Associates
 Suite 307, C-1
 Columbia, MD 21044
 410-327-1107

Howard County Private Water and Private Sewage Systems



<u>HOUSE:</u>	
FIRST FLOOR	532.0
BASEMENT	523.0
INVERT	519.0

<u>SEPTIC TANK:</u>	
EXISTING GRADE	523.6
PROPOSED GRADE	523.0
INVERT IN	518.00
INVERT OUT	517.75

<u>DISTRIBUTION BOX:</u>	
EXISTING GRADE	522.1
PROPOSED GRADE	522.1
INVERT	517.6

<u>TRENCH:</u>	
LENTH	85' & 25'
WIDTH	2'
STONE	4.5'
INVERT	517.5
BOTTOM	513.0

I certify the above measurements and elevations are actual and true for this property.

J. Carl Hudgins
 J. Carl Hudgins

1/12/84
 Sketch or
 F.S.

PLOT PLAN
 PARCEL ONE A
 GLENELG MANOR TWO
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1"=50' DATE 12 12 83

WELL PUMP INSPECTION

Owner's Name: Howco Construction

Address: 12691 Tolly Quarter Rd. GLENELE MANOR IA
Ellicott City Md.

Location of Property: Same.

Plumber: Riedel Plumbing 325-2039-988-9221

Phone Number: 325-2039-988-9221

License Number: M. 3036

Receipt Number: 34494

Date: 10/22/84

Comments: OK TO PROCEED WITH INSTALLATION

10/22/84 Craig Williams

Inspection: WPI- SUPPLY LINE AND PITLESS ADAPTER
INSTALLED 3½' BELOW GRADE.

10/22/84 Craig Williams

Date Well Pump Inspection was approved:

Inspector: