

05-407095

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P 43474

A 38566

DISTRICT 5th

DATE 4/13/89

DATE SYSTEM APPROVED 5-1-89

INSPECTOR S-aw

INDEXED

Paul Schissler/South Carroll Backhoe

IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION Twelve Hills ROAD 13000 13037 Twelve Hills Ct LOT 7, Section 2

PROPERTY OWNER Stately Homes, Inc.

ADDRESS _____

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

GARBAGE GRINDER? YES ☒ NO ☐

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

256
4
31924
341

TRENCHES - 256 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 165 feet up the left (402.9') lot line and 110 feet off the same lot line as seen when facing the lot from Linden Church Road. Run trenches on contour toward the left and right lot line.

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

OHSA

PLANS APPROVED BY Sid Abel DATE 9/07/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

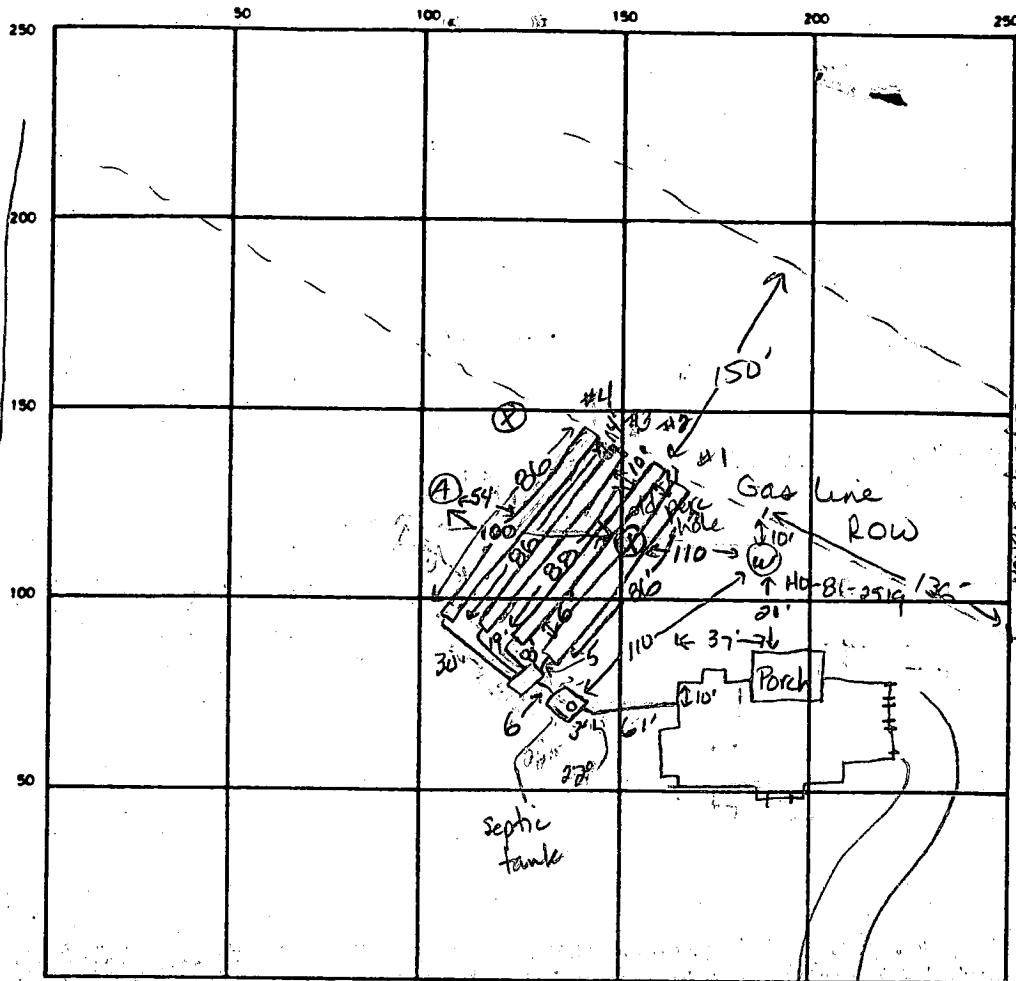
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

4-28-89 Repere
(A)

0-3.0 Rd br mica
5a si cl lm
3.0-13.5 Br mica
5a si lm
Some
decomposed
schist frags
<15%
<40% saprolite
13.5 Bottom
water at
12.0' after
4.5 hrs

4-28-89
WPI

PA at 4.5 inches
Well line in
trench covered.
House connection
inside ok. Pump
tank installed
w/ relief valve
JEN
Feeder



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Twelve Hills Rd

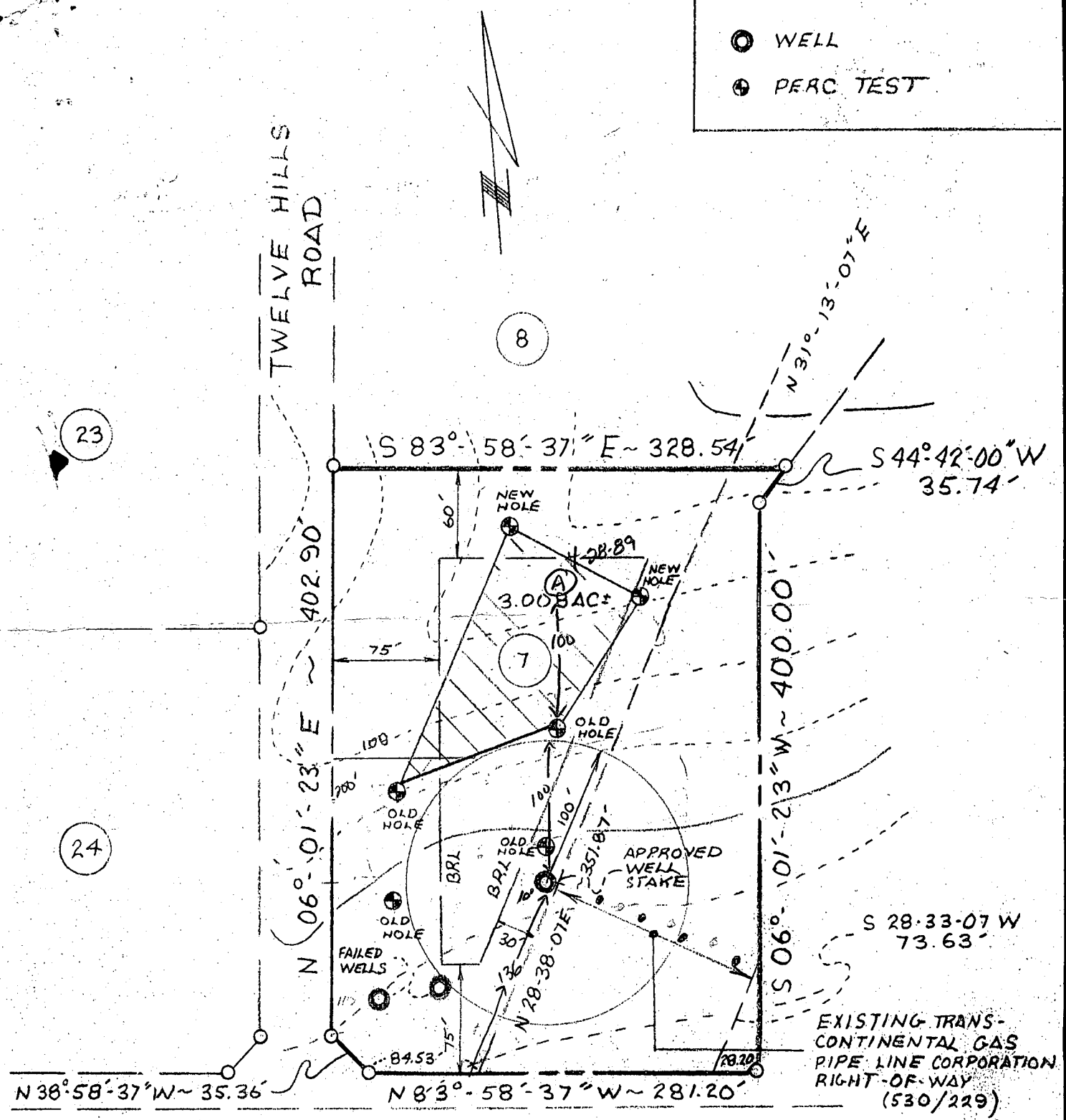
SEPTIC TANK LEVEL 2000 gal CLEANOUTS 1 on septic tank
DISTRIBUTION BOX LEVEL OK (w/ baffle)
DRAIN FIELD/TILE FIELD. DEPTH 5.5 6.5 5.5 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 4 4 3.5 FT.
EFFECTIVE GRAVEL DEPTH 1.5 2 1.5 FT. TOTAL LENGTH 86 88 86 86 FT.
NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 250 264 250 250 SQ. FT.
DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
ABSORBENT AREA 1038 SQ. FT.

REMARKS 4-28-89 Perch hole A, water at 12.0'. Keep trenches 110' from well, septic tank 85'±
from well ok. JEN 4-28-89 OK to stone trenches 1 & 2, JEN 5-1-89 OK to
cover trenches 1 through 3 & stone #4. OK to cover all work
leaving 10 ft open at end of #4. JEN - 5-1-89 OK TO COVER ALL WORK

DATE SYSTEM APPROVED 5-1-89 INSPECTOR S. Abel

checked VSD.

- WELL
- PERC TEST



LINDEN CHURCH ROAD

////// 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.

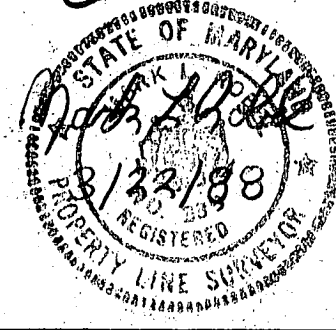
Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems.

OK SA *Jorge* By *3-29-88*
County Health Officer

LOT #7
"TWELVE HILLS"
~ SECTION TWO ~
LOTS #7-#24
TAX MAP #28-ZONING "R"
FIFTH ELECTION DISTRICT
HOWARD CO., MARYLAND

F-8805



PERCOLATION TEST PLAT

Vitti, Robel & Associates, Inc.

ENGINEERING & SURVEYING
216 Washington Avenue Towson, MD 21204
821-9441

job no. 8830
scale: 1"=100'
date: 3-22-88
drawn: MAR
checked: TW

5/22/89 AM
5:00 PM

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 # 44131
Date 5/23/89

Name of Installer ROBERT L. FEEZER CO., INC.

Telephone 781-4655

License Number 2122

Certified Well Pump Installer ☒ Well Driller ☐ Registered Plumber ☒

Name of Property Owner PRIDEMARK HOMES

Telephone 987-1100

Subdivision TWELVE HILLS Lot # 7

Well Tag # HO-81-2519

Site Address 1300 TWELVE HILLS ROAD

Pump

- Type
 - Deep well jet ☐
 - Shallow well jet ☐
 - Submersible ☒
- Make DOMINGUE (CERISWOLD)
- Model # 4X1N
- Capacity 5 GPM

Motor

- Horsepower 3/4
- RPM 3450
- Voltage ☐
 - 110 ☐
 - 220 ☒

Pitless Adapter

- Make MARTINSON
- Model # B-10
- Depth 42"

- 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 ☐

Tank CAPTIVE AIR

- Capacity WX-250
- Pressure relief valve? YES

Piping

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

Well data

- Depth 425 ft.
- Yield 2 GPM
- Static water level 33 ft.
- Will water supply be disinfected by installer? YES

P.A. 4' B.G. TANK IN
MR 5/22/89

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.

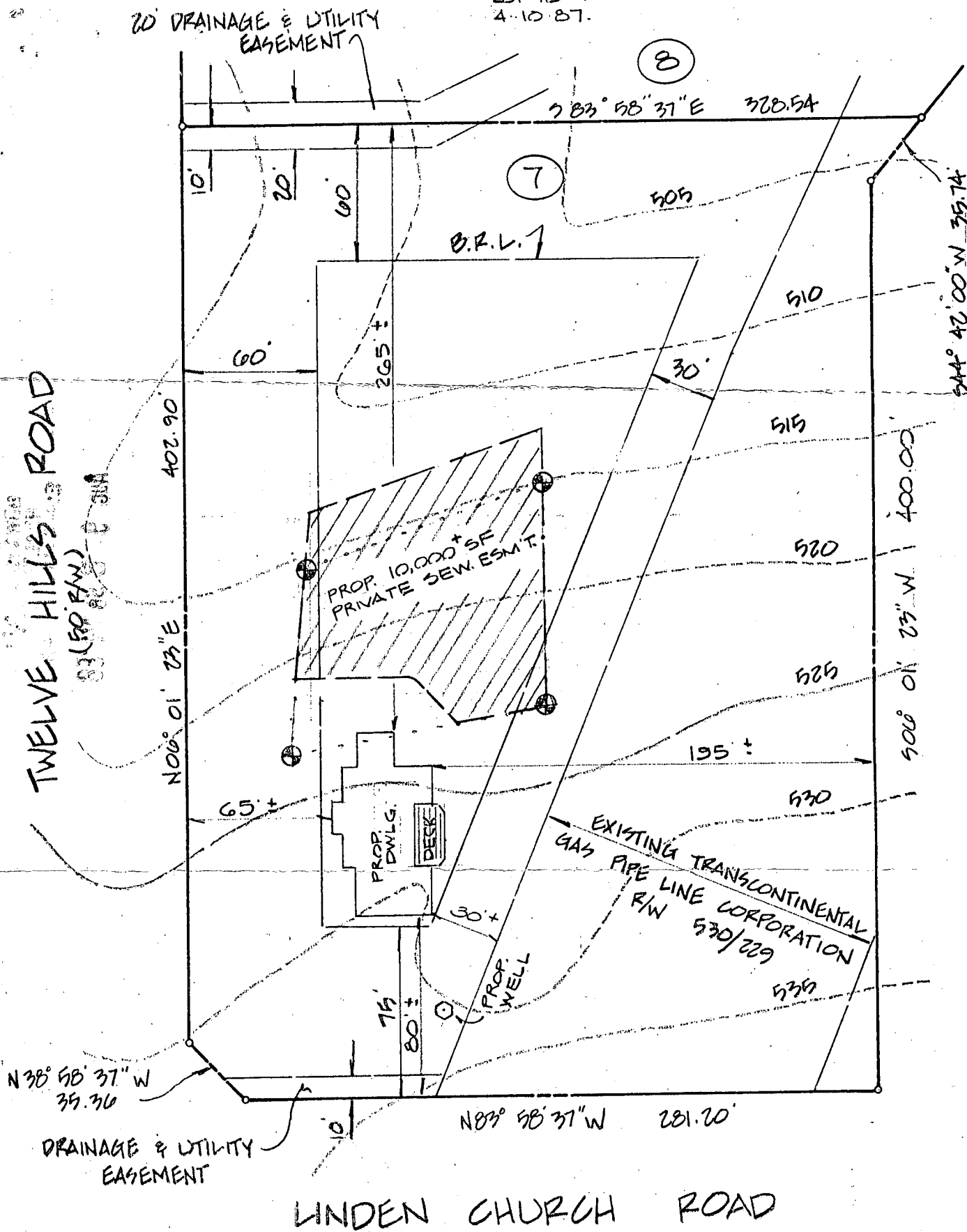
Signature of Applicant: Nick Z. Rood R.L. FEZER CO.

Date: 5/23/89

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

5/19/89 CALLED MR FEZER RESCHEDULED FOR 22 MAY 89. Rjt
HD-215 H

NOTE: ELEV. SHOWN HERE/ON PER LOT 18 "ALTOGETHER" BY F.C.C. INC. 4-10-87.



KEY

EX. SEW. ESMT. PER Δ 7529

PROP. SEW. ESMT.

LOT 7 Δ 7529
TWELVE HILLS
SECTION TWO
LOT 7-24
5TH ELECTION DISTRICT
HOWARD COUNTY MD

LOT 7 SITE PLAN
TWELVE HILLS ROAD

VT ASSOCIATES, INC.

SURVEYING & ENGINEERING
4932 HAZELWOOD AVENUE
BALTIMORE, MARYLAND 21206
866-2001

date 8-5-88

scale 1"=60'

job no. P-33

drawn SS

checked JSD



Page of
Date APRIL 1, 88

Review 5-6-88

SA ok

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2519
Location of property (road) TWELVE HILLS RD / LINDEN CHURCH ROAD
Subdivision TWELVE HILLS Lot 4 Block Plat Sec. 2
Well Driller RALPH MAYNS Owner LIMITED, ALTOGETHER

Depth of well 425 ft
Distance of measuring point (M.P.) above ground 2 ft
Static water level (S.W.L.) below M.P. 32 ft

I. High rate pumping -- reservoir drawdown

Time pump started 7:15 Pumping rate 10 G.P.M
Total time 1 hr to reach pumping water level 265 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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	265 ft	45 sec		1 1/2
8:30	265 ft	45		1 1/2
8:45	265 ft	45		1 1/2
9:00	265 ft	45 sec		1 1/2
9:15	265 ft	45		1 1/2
9:30	265 ft	45		1 1/2
9:45	265 ft	45 sec		1 1/2
10:00	265 ft	45		1 1/2
10:15	265 ft	45		1 1/2
10:30	265 ft	45 sec		1 1/2
10:45	265 ft	45		1 1/2
11:00	265 ft	45		1 1/2
11:15	265 ft	45 sec		1 1/2
11:30	265 ft	45		1 1/2
11:45	265 ft	45		1 1/2
12:00	265 ft	45 sec		1 1/2
12:15	265 ft	45		1 1/2
12:30	265 ft	45		1 1/2
12:45	265 ft	45 sec		1 1/2
1:00	265 ft	45		1 1/2
1:15	265 ft	45		1 1/2
1:30	265 ft	45 sec		1 1/2
1:45	265 ft	45		1 1/2
2:00	265 ft	45		1 1/2

HD-224

2:15 265 ft 45 sec 1 1/2 G.P.M

35' PL 32' 7 bags

C1 2132 SEQUENCE NO. (OEP USE ONLY)

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-38542

THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20 04/01/88

22 26 425 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37 H0-81-2519

OWNER LIMITED ALTOGETHER
STREET OR RFD TWELVE HILLS RD / LINDEN CHURCH ROAD TOWN DAYTON
SUBDIVISION TWELVE HILLS SECTION 2 LOT 7

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 TO Check if water bearing

Top Soil 0 2
Sandy 2 25
Sand Stone 25 39 ✓
Micka 39 50
Sand Stone 50 55 ✓
Micka 55 425

GROUTING RECORD

WELL HAS BEEN GROUTED

(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 8 NO. OF POUNDS 600

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 33 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)

PL 6 35

OTHER CASING (if used)

diameter inch depth (feet) from to

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 H0 33 425
2
3

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK IF WELL DRILLING 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

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 32

WHEN PUMPING 265

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

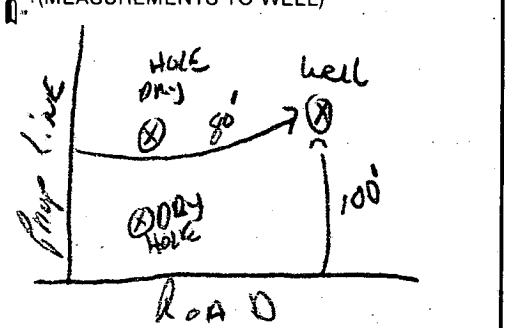
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (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)



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. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

APPLICATION

PERCOLATION TESTING

A 38577

P _____

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

DISTRICT 5

DATE 12/17/86

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 Altogether Limited Partnership Ardemark Enterp.

ADDRESS 10176 Baltimore National Pike Suite 210 PHONE 465-5855

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE LOT 26

PROPERTY LOCATION:

SUBDIVISION Altogether Twelve Hills LOT NO. 78

ROAD AND DESCRIPTION Linden Church Rd + Rt 32 13000 Twelve Hill Rd.

TAX MAP 28 PARCEL # 66

SIZE OF LOT 3.4 acres TYPE BLDG. SFD

(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY S. Able FOR Shallow Drain field DATE 8-18-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2/12/87 Perc OK / Hold for Plat R/T

3-16-88 Perc ok. need renotification of perc area SAb

BLDG. PERMIT SIGNED

AND RETURNED 8-18-88

SAB-BP 20817

THIS IS NOT A PERMIT

APPLICATION

PERCOLATION TESTING

A 38566

P _____

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

DISTRICT 5

DATE 12/17/86

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 Altogether Limited Partnership Stately Homes, Inc
ADDRESS 10176 Baltimore National Pike Suite 210 PHONE 465-5855

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE# final lot 7 (april 87) see 2

PROPERTY LOCATION:
SUBDIVISION Altogether LOT NO. 7

ROAD AND DESCRIPTION Linden Church Rd + Rt 32
13037 Twelve Hills Ct.

TAX MAP 28 PARCEL # 66
SIZE OF LOT 3 acres TYPE BLDG. SFD
(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. Mal S Reil
(SIGNATURE OF APPLICANT)

APPROVED BY Felix Abel FOR Standard Tencher DATE 9-7-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

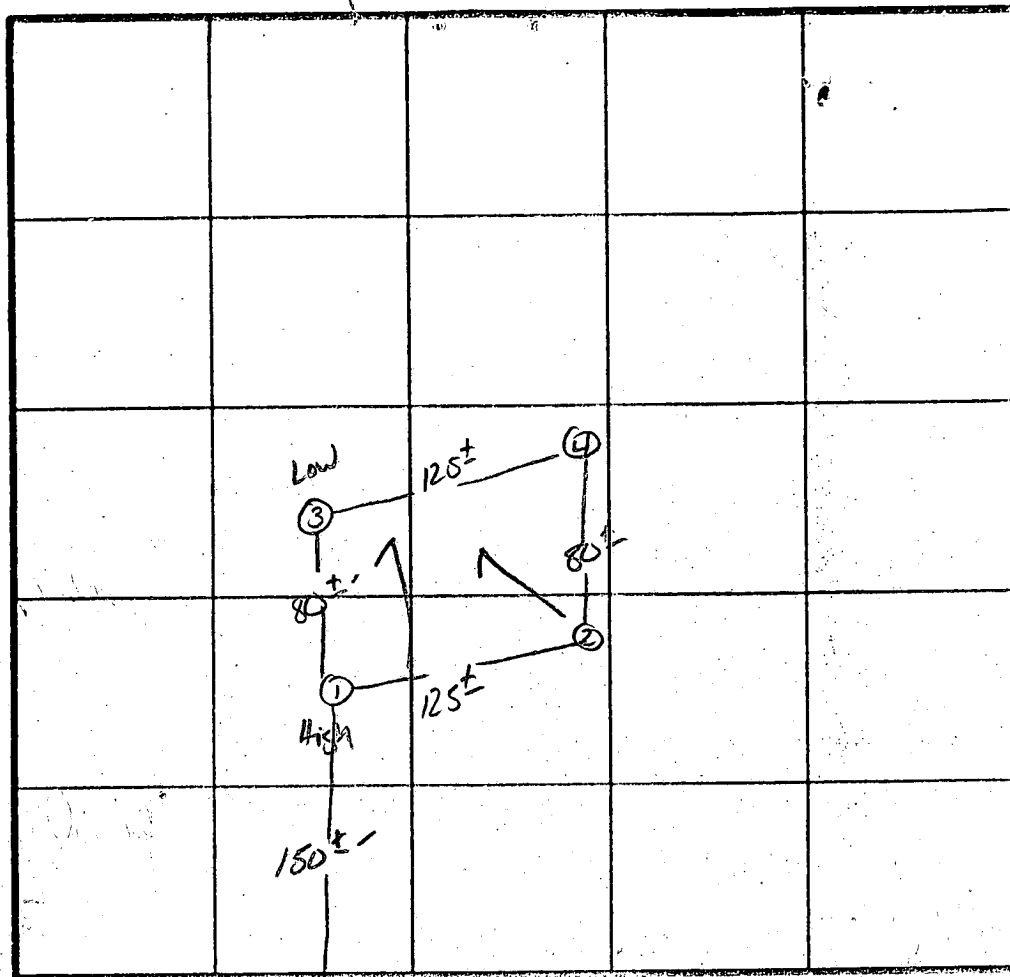
REASONS FOR REJECTION OR HOLDING PERC. SATISFACTORY, hold for Subdivision plat. S. Abel
LOW HOLE VISUAL IN WET SEASON, S. Abel

BLDG. PERMIT SIGNED
AND RETURNED 9-7-88
BP 21237

THIS IS NOT A PERMIT

SOIL PROFILE

0
12" AP
Yell. BR w/ Reddish veins
Silt loam
9-12% clay
210% frags
4.5
Yellow BR
High micaceous
Silt loam
10-15% frags



XPER 8min
4" INLET
5.5" BOTTOM ✓
180 ϕ /BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LINDEN CHURCH Rd.

[illegible]

arlem
8mer
Max depth
4 ft

REMARKS

HOLES APPROX TO PLAT / SHALLOW SYST. ONLY

TYPE OF SOIL

Glenelg

TESTED BY

S. Abel

ALSO PRESENT

O-KETTER MHN + Co.