

12/21/92 2:30
12/22/92 ASAP
10 AM

05-414296

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48774
A 37804

DISTRICT 5th

DATE 12/16/92

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~ADDRESS~~ 313-2640

DATE SYSTEM APPROVED 12/2/92

INSPECTOR [Signature]

Arnold Backhoe & Septic Services IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Clearview Estates LOT 60 ROAD 12055 Broad Meadow Lane

PROPERTY OWNER Scott Development Corp.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 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 - Place distribution box 120 feet from 210.02' lot line and 80 feet from 313.49' lot line. Install initial trenches toward 213.49' lot line, all other trenches in both directions away from distribution box. Install all 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 11/2/92 RH

PLANS APPROVED BY Mark Rifkin/Ronald J. Pinkley REVISED DATE 9/11/92

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

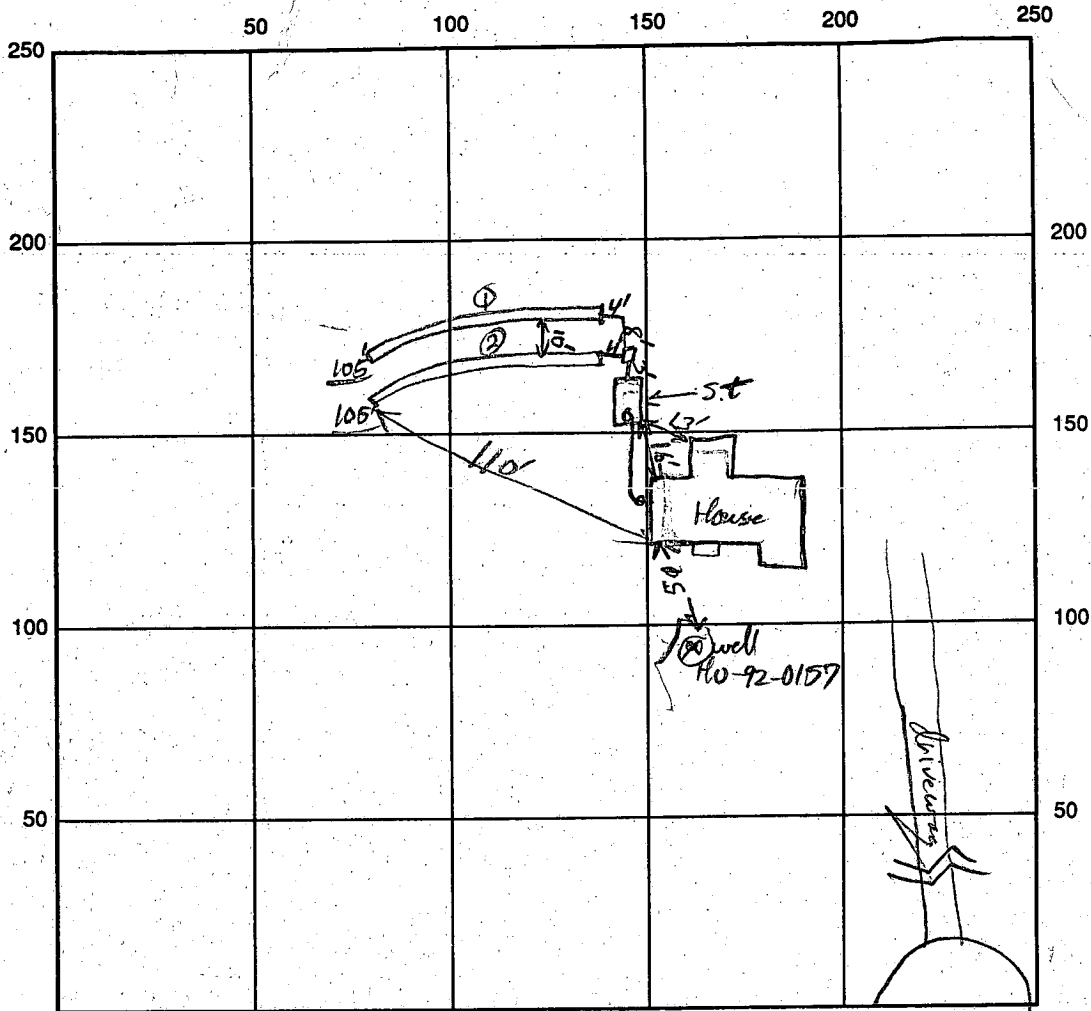
PERMIT VOID AFTER TWO YEARS

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**

A 37804



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Brook meadow lane

SEPTIC TANK LEVEL 1250 gnl CLEANOUTS ST ✓
 DISTRIBUTION BOX LEVEL ✓
 DRAIN FIELD/TITLE DEPTH 7' FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.
 EFFECTIVE GRAVEL DEPTH 4' FT. TOTAL LENGTH 210 FT.
 NUMBER OF TRENCHES 2 ^{Total} ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: Trenches OK to ground fill. - RJP 12-22-92 OK to cover RJP 12-22-92

DATE SYSTEM APPROVED 12/22/92 INSPECTOR [Signature]

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 # 0
Date 11/17/92

Name of Installer KLIPP & SONS, INC

Telephone (410) 2-1914

License Number _____

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner SCOTT HOMES

Telephone 740-2688

Subdivision CLARVIEW ESTATES Lot # 120 Well Tag # 10-92-0157

Site Address 12055 Broadmeadow Lane

Pump

- Type
 - Deep well jet
 - Shallow well jet
 - Submersible
- Make Red Jacket
- Model # _____
- Capacity 5 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
- RPM 3450
- Voltage
 - 110
 - 220

Pitless Adapter

- Make Martinson
- Model # 50
- Depth 4 Ft

Tank

- Capacity 40
- Pressure relief valve?

Piping

- Type 1/2" CPVC
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 480

Well data

- Depth 500 ft.
- Yield 5 GPM
- Static water level 25 ft.
- Will water supply be disinfected by installer? NO

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: Ronald E. [Signature]

Date: 11-15-92

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

HD-215/1/21/93 OK TO COVER OUTSIDE WORK

PRESSURE TANK NOT INSTALLED

NOT SURE IF PLUMBER HAD PERMIT AT TIME OF INSPECTION
BUT WORK OK B.H.W.'S

A 37804

SUBDIVISION: Clearview Estates, Sect II
Broadmeadow La.

LOT NUMBER: 60

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	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

210 sq. ft./bedroom

Trench to be 2 wide.

52 LINEAR FT / BEDROOM

Inlet 3 feet below original grade.

208 LINEAR FT

Bottom maximum depth 7 feet below original grade.

PER 4 BEDROOMS

Effective area begins at 3 feet below original grade.

4 1/2 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 absorbent sidewall area by 22%.

LOCATION: Place Distribution Box 120' From 1210.02' Lot Line and 80' From 313.49' lot line.

Install initial trenches towards 313.49' lot line,
all other trenches in both directions away from distribution
Box. Install all trenches on contour.

7/31/92 M.R. REVISED
Speccheck OK 9/1/92 R/P

APPLICATION

SEWAGE DISPOSAL TESTING

A 37804

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 _____

DATE _____

*37787
perc of 20
pending perc*

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 Crystal Hill Investments Scott Development Corp.

ADDRESS 10005 Old Columbia Rd. Suite L 265 PHONE 740-2687
Columbia, Md. 21046 730-2411

PROPERTY LOCATION:

SUBDIVISION Clearview Estates Sec. 2 LOT NO. 32 44 56 (60)

ROAD AND DESCRIPTION Md. Rt. 108 and Shepherd Ln. (12055 Broad MEADOW LANE)

SIZE OF LOT 3.18 ac. TYPE BLDG. residential
(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.

Steven Murray
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

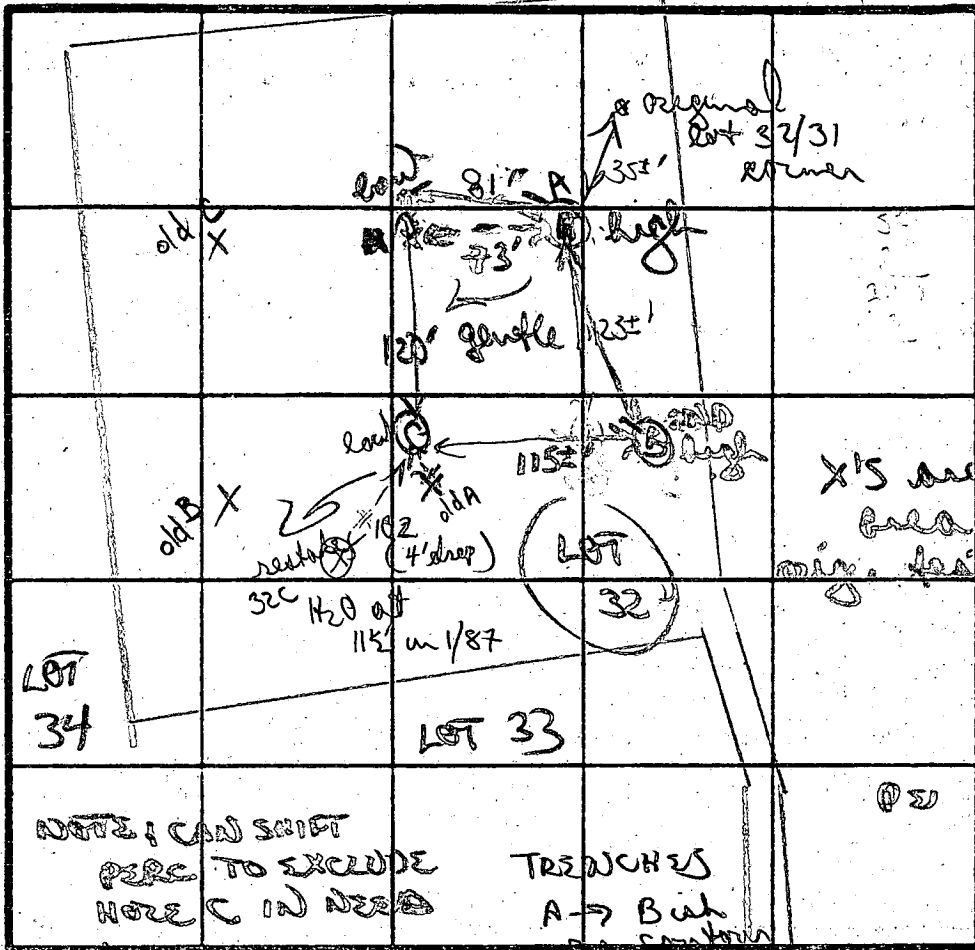
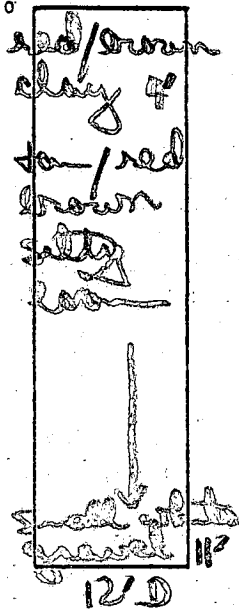
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING (in field located) labor

BLDG. PERMIT SIGNED
AND RETURNED 9/16/92
Serial # 45787-
SFD-4 Bedroom

THIS IS NOT A PERMIT

A
SOIL PROFILE



x's are approx
boundary previous
prop. lines

orange/yellow
clay silty
loam 3'
fairly uniform
orange
silty loam
mud

orange/brown
clay to
clay loam
32-4
fairly uniform
silty loam

orange/brown
clay clay
loam
to mostly
brown/tan
silty loam
mud
H₂O 12 1/2 - 13'
EB1

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/9/87	RETEST A	4 1/2 S	1103	1110	1111	1125	14 MIN	
		12' D	bottom (see profile)					
	RETEST D	VISUAL ONLY	GOOD SOIL 32' 1/2					
		12' D	bottom (see profile)					
	RETEST B	VISUAL	GOOD SOIL 32'-4'					
	RETEST C	HPS	1112	1118	1178	1151	13 MIN	
		13' D	H ₂ O at 12 1/2' see profile after 3 hours					

REMARKS: Part of ^{new} perc area higher than original
 TYPE OF SOIL: orange/red clays/loams; orange tan brown silty loam
 TESTED BY: B. Winton ALSO PRESENT: Jane, Neil

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 37804

P _____

DISTRICT 10/09/86

DATE June 30, 1986

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 Conrad J. and Patricia Langenfelder Martha V. Langenfelder
11904 Clarksville Road 5511 Hamilton Avenue
ADDRESS Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

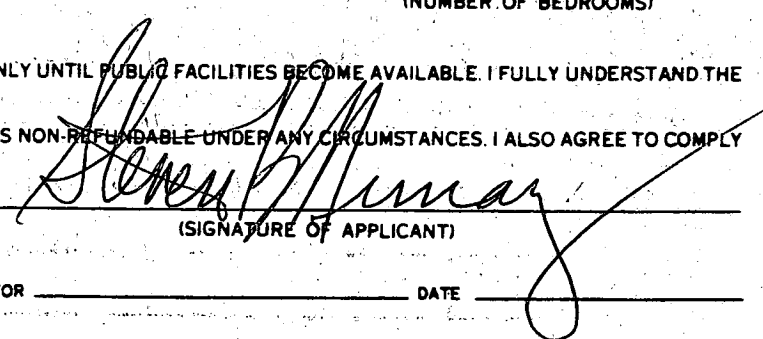
PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm LOT NO. 32 4/56

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane

SIZE OF LOT 3.4 AC. TYPE BLDG. Residential
(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.


(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

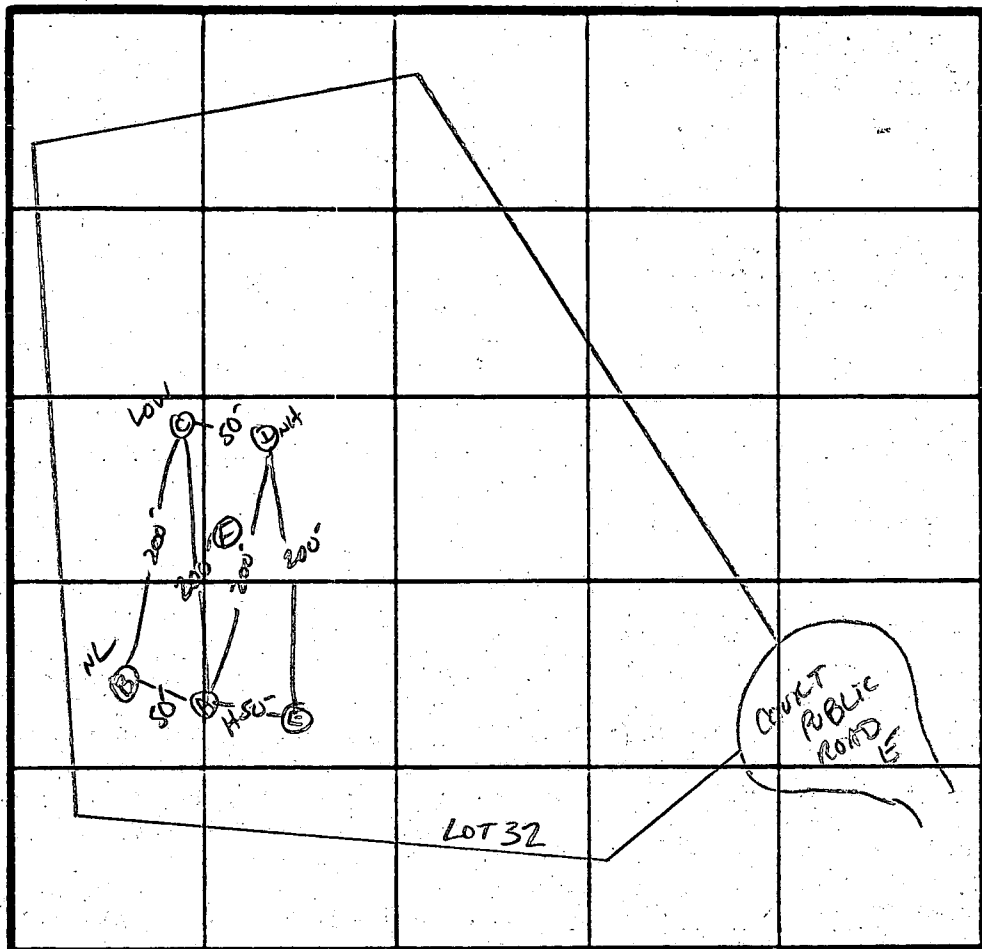
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-23-86, Pve. SATISFACTORY, HOLD FOR WET SEASON LOW
Hold visual; same

THIS IS NOT A PERMIT

SOIL PROFILE

AP
 Yellow Br
 Silty loam
 9-12% clay
 <10% frags
 4"
 Yellow Br
 TO TAN
 SAND
 LOAM
 10-15%
 FRAGMENTS



11-11.5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/23/86	BV	WATER ENTERING HOLE AT 10.5 FT					
	AS	4"	3:15	3:28	3:28	3:55	27 min
	AV	11"	UNIFORM SOIL below 4"				
	CS	4"	3:25	3:37	3:37	3:50	13 min
	CV	11.5"	UNIFORM SOIL below 4"				
	DS	4"	3:38	3:	3:	3:	MIN
	DM	8.5"	3:34	3:36	3:36	3:40	4 min
	DV	12"	UNIFORM SOIL below 4.5"				
	EV	12"	SAME AS HOLE A				
	FV	12"	SAME AS HOLE A				

REMARKS: HOLES DIRECTION PLANT / HOLD FOR WET SEASON LOW HOLE VISUAL

TYPE OF SOIL: Glenely

TESTED BY: S. Abel

ALSO PRESENT: James Nader / Allen Brackhoe

EH 12 10/9

A3209

FOR CONTINUATION SEE SHEET 6 OF 8

LOT # 40

LOT # 41

LOT # 61
3.817 AC.

LOT # 42

LOT # 45
4.417 AC

LOT # 60
3.428 AC.

20' USE IN COMMON
ACCESS ESM'T FOR
LOTS 60 & 61 (PRIVATE)
N 26° 49' 21" E, 33.86
N 63° 10' 39" W, 2000

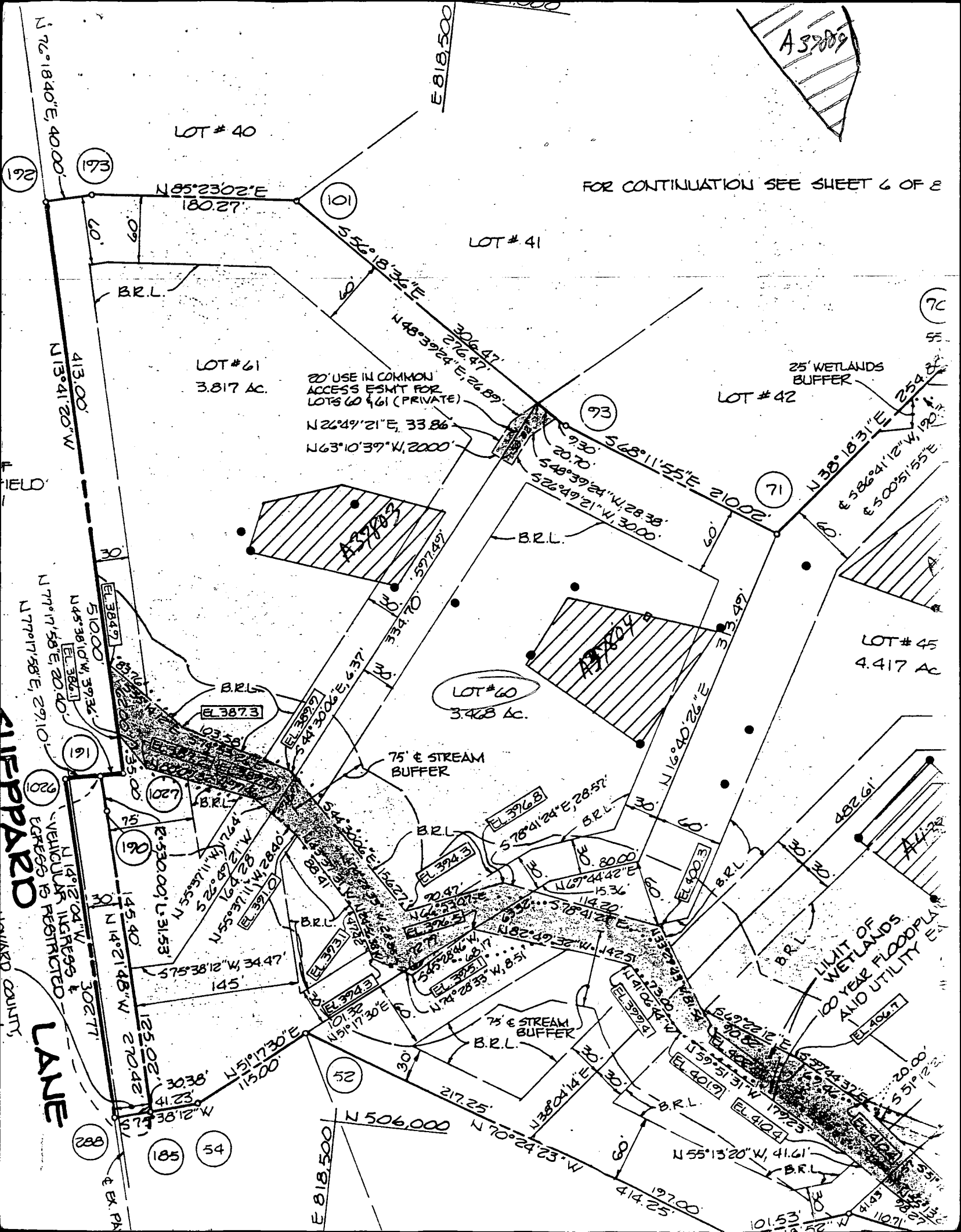
25' WETLANDS
BUFFER

75' ± STREAM
BUFFER

75' ± STREAM
BUFFER

LIMIT OF
WETLANDS
100 YEAR FLOODPLAIN
AND UTILITY EX

WETLANDS
FIELD
SHEPPARD
LANE
VEHICULAR ACCESS &
EGRESS IS RESTRICTED
WARD COURTS



414

410

418

420

422

424

424

422

420

418

416

30' BRL

1250 Gal. Septic Tank

30' BRL

NOTE: BASEMENT WILL NOT SEWER BY GRAVITY.

75' Stream Buffer

75' Stream Buffer

30' BRL

100 Yr. Floodplain, Drainage and Utility Easement Plat 9714

N. 26° 49' 2" E.

252.79'

80.00'

S. 69° 4'

S. 68° 11' 55" E.

210.02'

WELL

Gar.

BASSETT HALL

+ FF 430.30
27' FR 429.63
B 421.12

Inv. 418.4

Inv. 418.10

Inv. 417.50

4 Trenches
58' Long
21" Wide
Deep
10' Apart



BP 45197
dc
9/16/92 RHA

43B
S.F.P.

5.56° 18' 36" E.
30.00'

100'

60' BRL

153'



APPLICATION

HOWARD COUNTY

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

45197

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

12055 BROAD MEADOW LANE
CLARKVILLE MD 21029

GRADING/SEDIMENT CONTROL YES NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

CONSTRUCTION OF SING FAM HOME
W/ FULL BASEMENT, 2 COF GARAGE
WOOD FRAME TWO STORY, 4 BED RM
3 FULL BATHS, ONE HALF BATH

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
60						

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
CLEARVIEW ESTATES				

OWNER NAME AND ADDRESS
SCOTT DEVELOPMENT CORP.
916C RED BRANCH RD # A-W
COLUMBIA MD 21045

PHONE NO.
740-2688

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
3,000	66	31	32

OCCUPANT'S NAME AND ADDRESS
SAME AS

PHONE NO.

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS 4 ROOMS 11 BATHS 3 1/2 FIREPLACES 1			

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
D.W. TAYLOR ASSOCIATES
502A DORSEY HALL RD # 202
ELLICOTT CITY MD 21043

PHONE NO.
964-1181

FOOTINGS	FOUNDATION	S. WALLS
POURED CONCRETE	CONCRGE	

CONTRACTOR'S NAME AND ADDRESS
SCOTT DEVELOPMENT CORP.
916C RED BRANCH RD # A-W
COLUMBIA MD 21045

PHONE NO.
740-2688

UTILITIES			
<input checked="" type="checkbox"/> WATER/WELL	<input checked="" type="checkbox"/> SEWER/SEPTIC	<input type="checkbox"/> GAS	<input type="checkbox"/> ELECTRICITY
			<input checked="" type="checkbox"/> TYPE OF HEAT HEAT PUMP

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

EXISTING USE
VACANT LOT

PROPOSED USE
SING FAM HOME

EST. CONSTRUCTION COST
1,351,000

LICENSE NUMBER

PERMIT FEE

SIGNATURE
[Signature]

TITLE
CONTRACTOR

DATE
AUG 26 1992

FOR OFFICE USE ONLY

DISTRICT IN FEET FROM R/W LINE TO FRONT BUILDING LINE _____

SIDE YARD _____
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE _____
DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK _____ (CORNER LOT ONLY)

SDP # _____

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	9/16/92	B. J. Hodger
FIRE PROTECTION		
STORM WATER MGMT		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION

To begin construction before a permit placard has been issued is a violation of the law. A permit must be applied for 120 weeks before construction begins.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

APPROVED _____ DATE _____

Distribution of Copies:
White - Building Official
Green - Planning & Zoning
Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

C1- 6747 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 37804

ST/CO USE ONLY
 DATE Received [] [] [] [] [] []
 DATE WELL COMPLETED 09 01 92

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-92-0157

OWNER Scott Development last name
 STREET OR RFD Broad Meadow Lane first name TOWN Parkville
 SUBDIVISION Clearview Estates SECTION 2 LOT 60

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	
Topsoil	0	1	
Dr. Micaceous Sandstone	1	18	
Tan Micaceous Sandstone	18	23	
B. Micaceous Sandstone	23	25	
Granite	25	45	
Tan Micaceous Sandstone	45	53	
Granite	53	110	
Tan Micaceous Sandstone	110	115	
Granite	115	340	
DK. Gray Mica	340	400	

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 10 NO. OF POUNDS 1000
 GALLONS OF WATER 50
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 2 ft.

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

MAIN CASING
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
 ST 1 30

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

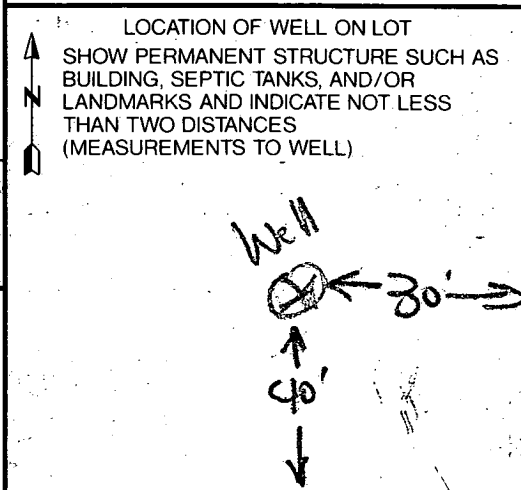
C2
 DEPTH (nearest ft.)
 1 40 28 900
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) from to

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 CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) 6
 PUMPING RATE (gal. per min. to nearest gal.) 3
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 33 WHEN PUMPING 136
 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:
 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 (+ above - below) (nearest foot)



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. 40
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

COUNTY

Front lot line

Invoice
 Page _____ of _____
 Date _____

9-1-92
 8:00

Review OK MR 9/9/92

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 92-0157
 Location of property (road) Erpad Meadow Lane
 Subdivision Clearview Estates Lot 60 Block _____ Plat _____ Sec. 2
 Well Driller George Easterday Owner Scott Development
 Depth of well 400 36 PM
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 33'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 AM Pumping rate 10 gpm
 Total time 45 min to reach pumping water level 138.50 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 β gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	138.50	20 sec		3 gpm
9:00	138.30	20 sec		3 gpm
9:15	138.00	20 sec		3 gpm
9:30	138.06	20 sec		3 gpm
10:00	137.80	20 sec		3 gpm
10:15	137.20	20 sec		3 gpm
10:30	137.60	20 sec		3 gpm
10:45	138.30	20 sec		3 gpm
11:00	139.00	20 sec		3 gpm
11:15	138.60	20 sec		3 gpm
11:30	138.60	20 sec		3 gpm
11:45	138.70	20 sec		3 gpm
12:00	138.70	20 sec		3 gpm
12:15	138.70	20 sec		3 gpm
12:30	138.60	20 sec		3 gpm
12:45	138.50	20 sec		3 gpm
1:00	138.30	20 sec		3 gpm
1:15	138.00	20 sec		3 gpm
1:30	137.50	20 sec		3 gpm
1:45	137.30	20 sec		3 gpm
2:00	137.30	20 sec		3 gpm
2:15	137.20	20 sec		3 gpm
2:30	137.10	20 sec		3 gpm
2:45	136.00	20 sec		3 gpm

Pump set at 380' W. Shuler

B 1 01792

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HD-92-0157

please print or type

fill in this form completely

Date Received (APA)

072092

OWNER INFORMATION

SCOTT DEVELOPMENT

9160 RED BRANCH RD

COLUMBIA MD 21045

B 3

LOCATION OF WELL R-48329

Howard

PLEASANTVIEW EST

SECTION 2 LOT 60

CLARKSVILLE

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

DRILLER INFORMATION

George F. Easterday

40

Driller's Name

77 License No. 80

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., Mt. Airy, Md. 21771

Address

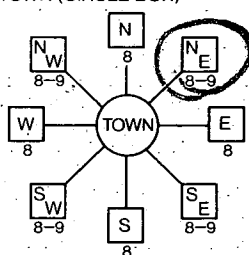
George F. Easterday 9-28-92

Signature

Date

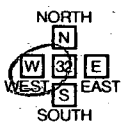
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Broad Meadow

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



550

DISTANCE FROM ROAD

ENTER FT or MI

FT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 200

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

A 37004

COUNTY NAME

COUNTY NO.

STATE SIGNATURE

DATE ISSUED

091292 Anne E. Madigan 2-12-92

NORTH GRID 506000

EAST GRID 0818000

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

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

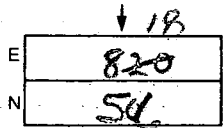
FORCE NJN PERMIT No. HD-92-0157

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

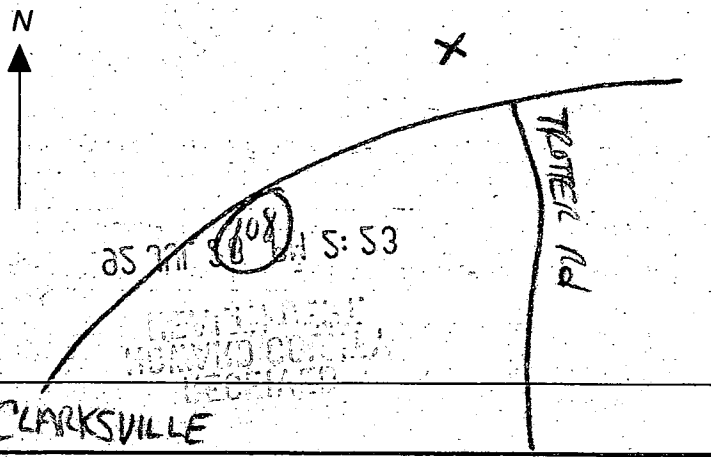
SOURCES OF DRILLING WATER

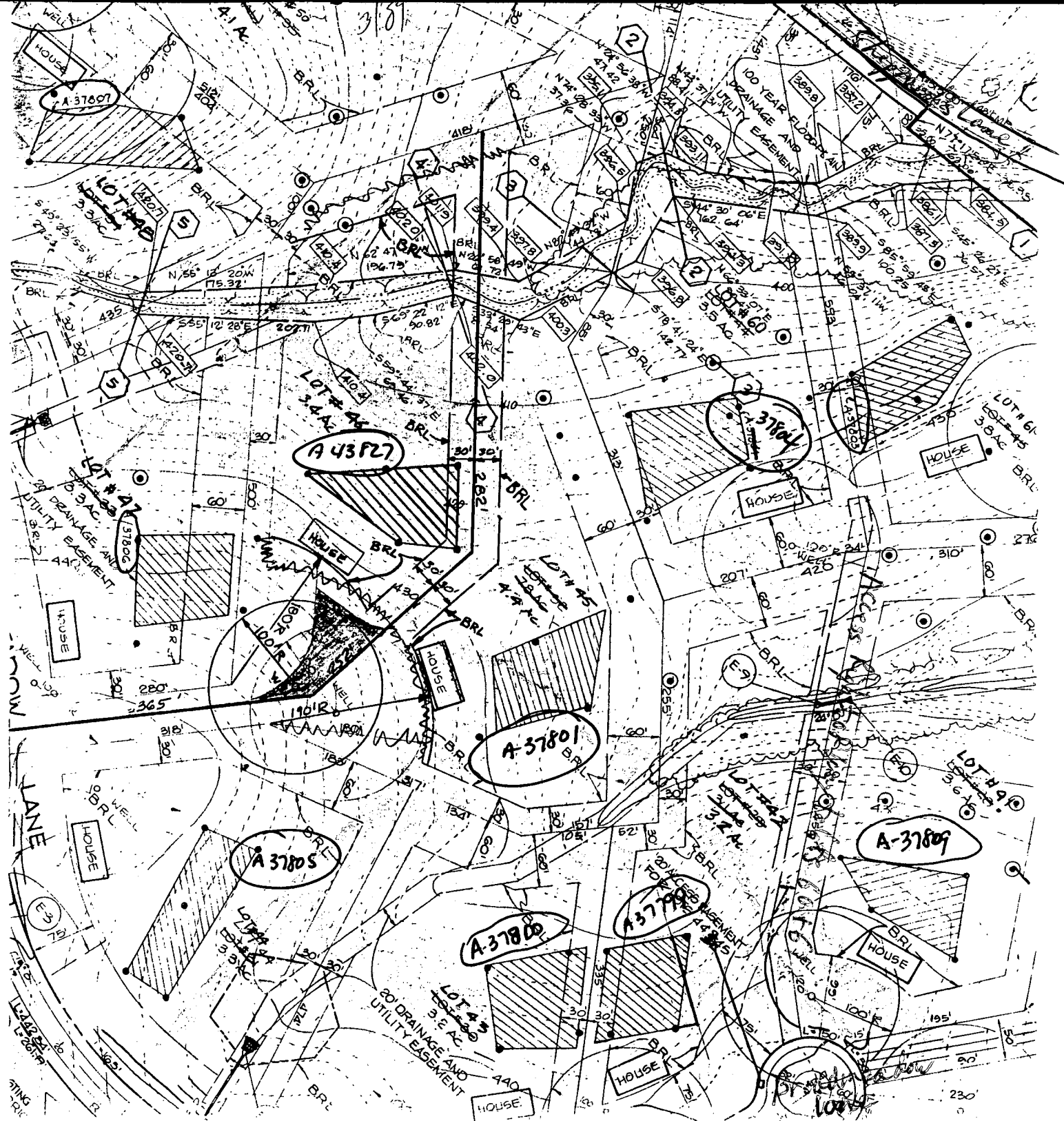
- 1 wells
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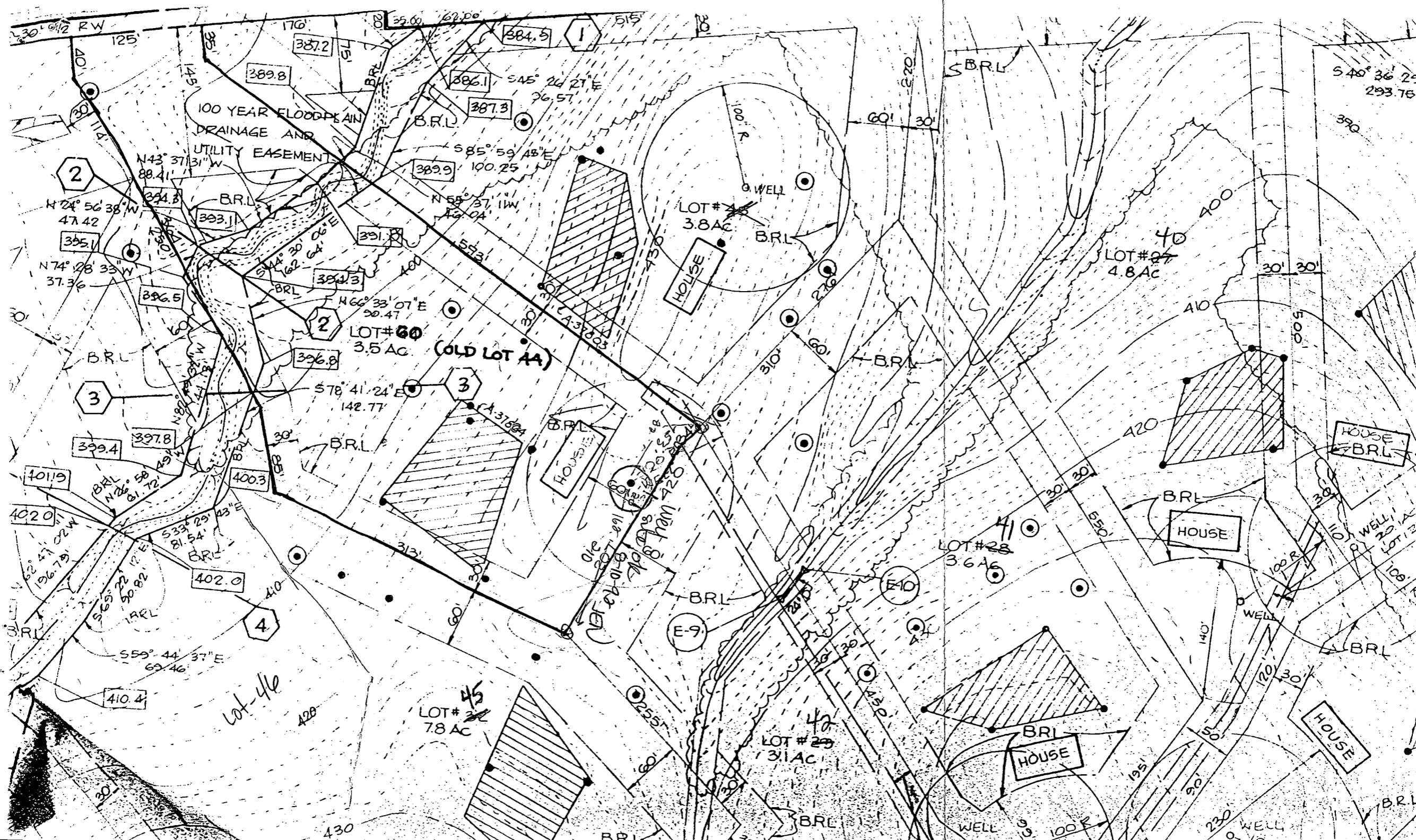
WRITE THE BOX NUMBER FROM THE MAP HERE



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







100 YEAR FLOODPLAIN
DRAINAGE AND
UTILITY EASEMENT

LOT #60
3.5 AC (OLD LOT 44)

LOT #26
3.8 AC

LOT #27
4.8 AC

LOT #28
3.6 AC

LOT #29
3.1 AC

LOT #45
7.8 AC

lot 46

2

2

3

4

41

42

548° 36' 29"
293.75'

30° 01' 12" RW

N 24° 56' 38" W
47.42'

N 74° 28' 33" W
37.36'

62° 47' 02" W
96.79'

559° 44' 37" E
69.46'

N 43° 37' 31" W
88.41'

N 66° 33' 07" E
20.47'

S 78° 41' 24" E
142.77'

S 33° 29' 43" E
81.54'

410.4

387.2

389.8

391.1

391.3

396.8

399.4

402.0

402.0

410.4

384.5

386.1

387.3

389.9

391.3

396.8

399.4

400.3

402.0

410.4

428

430

545° 24' 21" E
76.57'

585° 59' 45" E
100.25'

N 55° 37' 11" W
42.04'

553'

578° 41' 24" E
142.77'

313'

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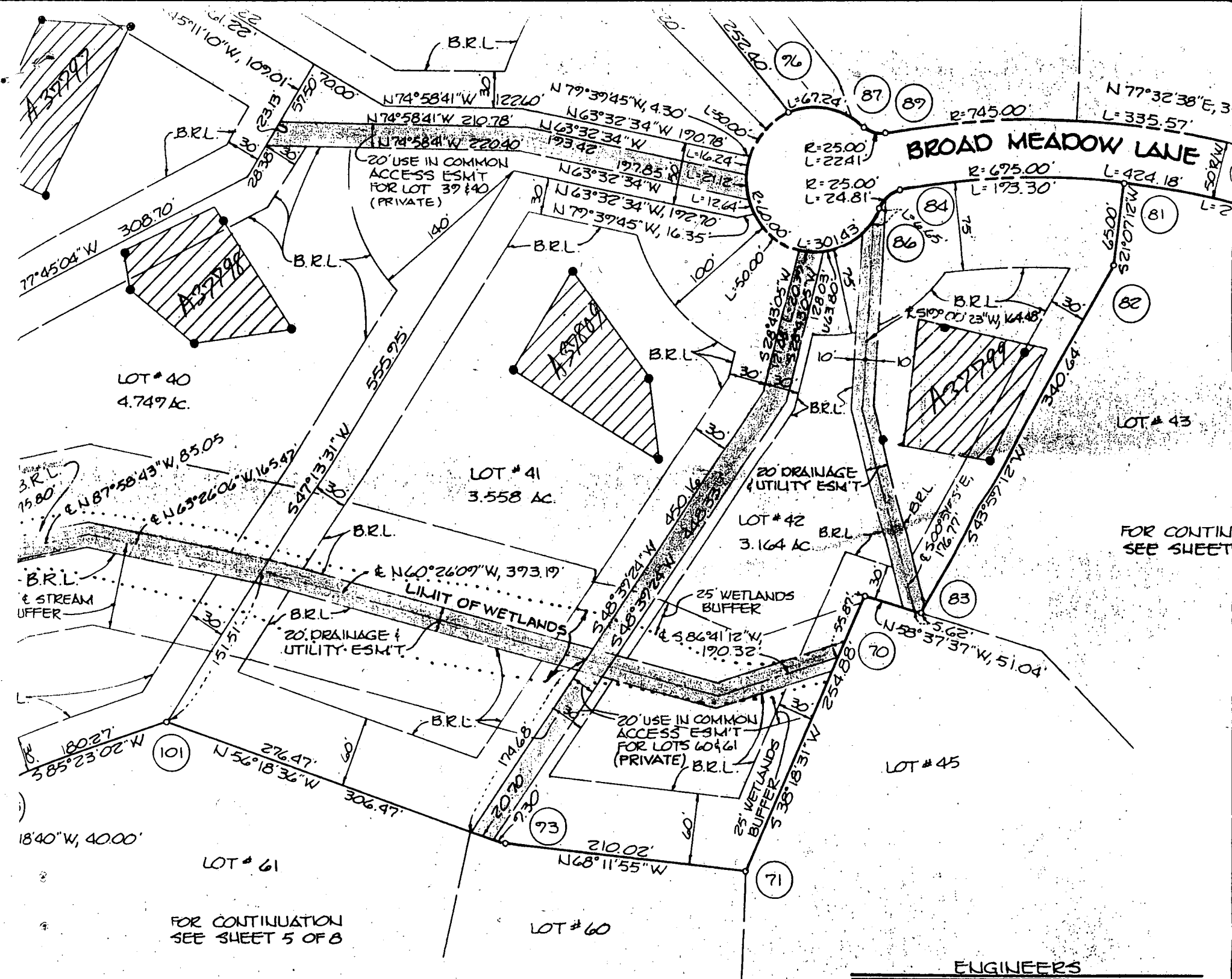
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LOT # 40
4.749 AC.

LOT # 41
3.558 AC.

LOT # 42
3.164 AC.

LOT # 43

LOT # 45

LOT # 61

LOT # 60

FOR CONTINUATION
SEE SHEET 5 OF 8

FOR CONTIN
SEE SHEET

ENGINEERS

RIEMER MUEGGE & ASSOCIATES, INC.

BROAD MEADOW LANE

20' USE IN COMMON
ACCESS ESMT
FOR LOT 39 & 40
(PRIVATE)

20' DRAINAGE
& UTILITY ESMT

25' WETLANDS
BUFFER

20' USE IN COMMON
ACCESS ESMT
FOR LOTS 60 & 61
(PRIVATE) B.R.L.

25' WETLANDS
BUFFER

B.R.L.
& STREAM
OFFER

20' DRAINAGE &
UTILITY ESMT

LIMIT OF WETLANDS

N 58° 37' 37" W, 51.04'

S 85° 23' 02" W

N 56° 18' 36" W

N 68° 11' 55" W

N 77° 45' 04" W

N 74° 58' 41" W

N 63° 32' 34" W

N 63° 32' 34" W

N 63° 32' 34" W

N 77° 37' 45" W

N 77° 37' 45" W

R=745.00

R=25.00
L=2241'

R=25.00
L=24.81'

R=675.00
L=173.30'

N 77° 32' 38" E, 3
L=335.57'

L=424.18'

L=210.125

L=100.59

L=30.64

L=30.64

L=30.64

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