

05-408970

5/28/93 8:30  
6/1/93 AM  
6/2/93 AM

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49138

A 37586

DISTRICT 5th

DATE 4/14/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~X480X992X~~ 313-2640

# INDEXED

DATE SYSTEM APPROVED 6/2/93

INSPECTOR CW

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Koandah Gardens LOT 8 ROAD 13100 Isle of Mann Way

PROPERTY OWNER Peter & Vasilias Vidi

**BUILDING PERMIT SIGNED  
AND RETURNED**

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS 1505 BOD/151766 DECK

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from left rear lot corner, start first trench 105 feet down rear (250.00') lot line and 165 feet off this same lot line. Run trenches along contour toward rear of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/1/92

PLANS APPROVED BY Mark Rifkin DATE 2/21/89

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

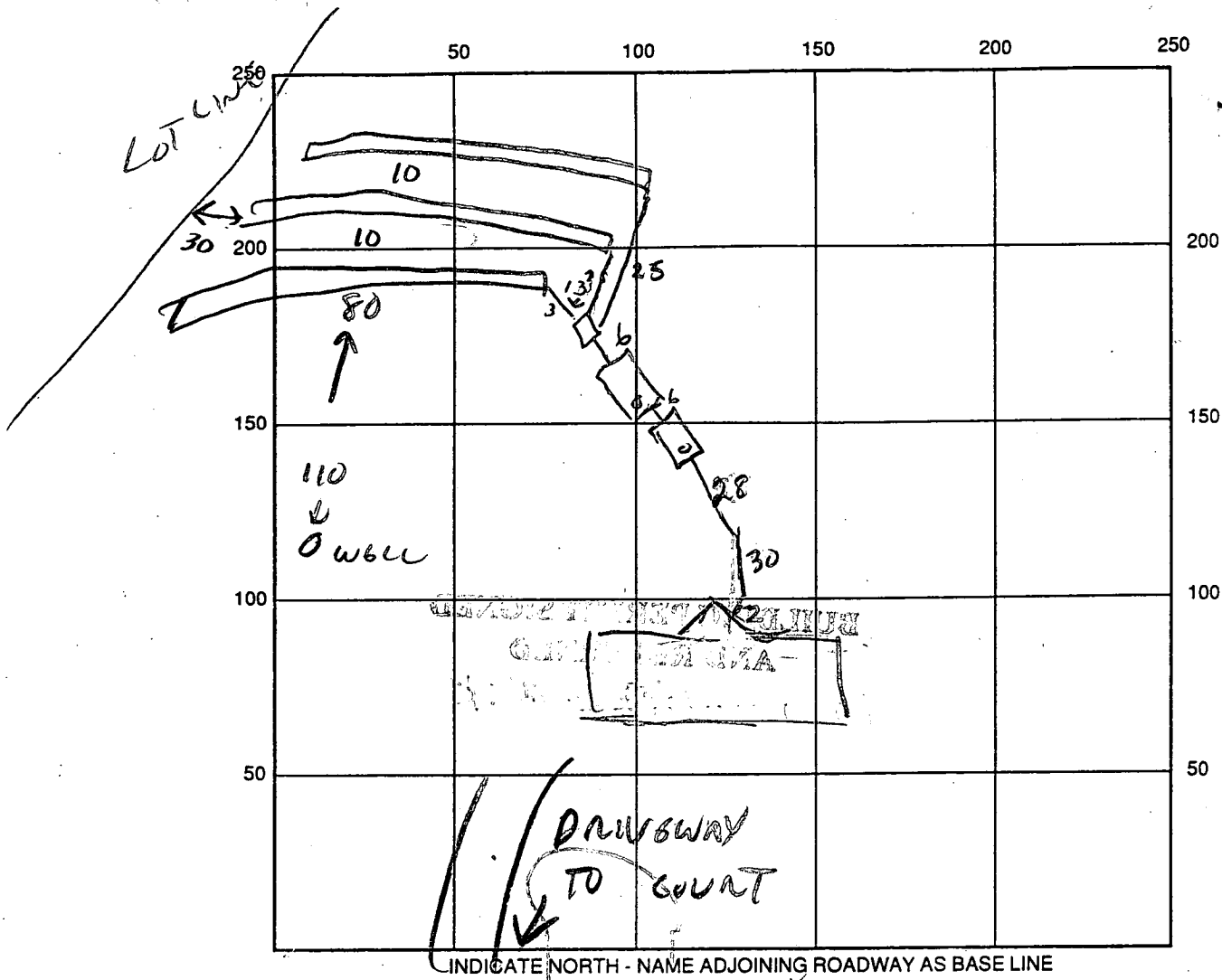
PERMIT VOID AFTER TWO YEARS

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**

A 37586



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2 @ 1500 ✓ CLEANOUTS ✓✓  
 DISTRIBUTION BOX LEVEL ✓  
 DRAIN FIELD/TITLE DEPTH 6 (AVG) FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 (AVG) FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.  
 NUMBER OF TRENCHES 3 @ 80 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 5/28/93 MET AT SITE - contour problems, OK TO RUN TRENCH 2' OFF CONTOUR  
TO MAXIMIZE ABSORB AREA, VIS TEST HOLE SHOWS CLAY TO 5' WATER AT 10';  
HOLD TO ORIGINAL DEPTH SPECIFICATIONS, ADDITION OF 2<sup>ND</sup> TANK SUGGESTED AS UPGRADE (CW)  
6/1/93 SECOND TANK INSTALLED (CW) (22" FALL IN TRENCH END-TO-END)  
6/2/93 TRENCHES COMPLETE OK TO COVER ALL. (CW)  
- WELL LINE INSTALLED PREVIOUSLY - INSP. REQUEST?

DATE SYSTEM APPROVED 6/2/93 INSPECTOR C. Miller

C1 0504

SEQUENCE NO. (DENV 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)

COUNTY NUMBER A<sup>2</sup> 37586

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 061989

22 26 165 (TO NEAREST FOOT)

28 37 10-88-0102

OWNER SANBORN JAMES last name ISLE first name OF MANN TOWN HIGHLAND SUBDIVISION KORNDAH GARDENS EST SECTION 1 LOT 8

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

Table with 3 columns: DESCRIPTION, FEET FROM, FEET TO. Includes handwritten entries: SAND Stone 0 56, GRAY mica Rock 56 165.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 16 NO. OF POUNDS 1504 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 45 ft.

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 62 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 PLASTIC OTHER

C2

Table for screen depth and slot size. Includes handwritten entries: HO 60 165, SLOT SIZE 1 2 3, DIAMETER OF SCREEN 56 60.

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 15 WHEN PUMPING 45 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 (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

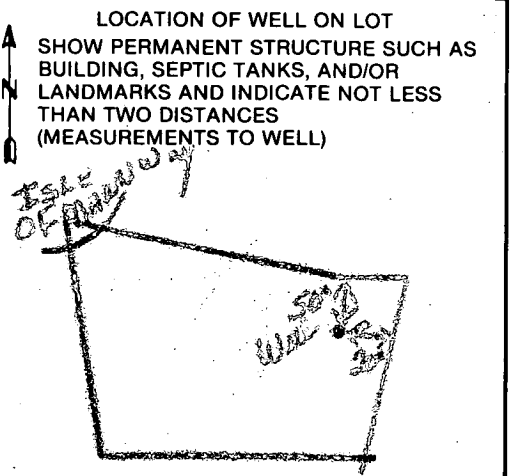
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 238 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 1263 SEQUENCE NO. (DP 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

STATE PERMIT NUMBER

70 79  
40-88-0182  
fill in this form completely

Date Received (APA)

272088

OWNER INFORMATION

8 15 34  
SANBORN JAMES

36 55  
1767 LEW CARKS RD

57 76  
LAVIEN MD 21036

DRILLER INFORMATION

Driller's Name: Joseph L. Magna 238 77 License No. 80

Firm Name: Joseph L. Magna Well Drilling

Address: 5512 Ridge Rd. Mt. Airy, Md. 21771

Signature: Joseph L. Magna Date: 7/15/88

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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)

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)

- 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):

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

APPROX. PERMIT NUMBER GAP

FORCE WRITE INITIALS IN BOX PERMIT No. 40-88-0182

SPECIAL CONDITIONS

LOCATION OF WELL

8 COUNTY HOWARD

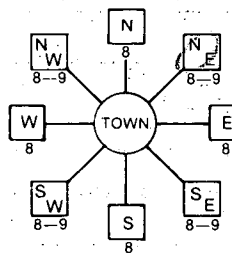
23 SUBDIVISION HOWARD GARDENS EST.

SECTION 1 LOT 8

52 NEAREST TOWN HYCHLAND

MILES FROM TOWN (enter 0 if in town) 1/2 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD Side of Mason Way

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 37 DISTANCE FROM ROAD 50 FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME HOWARD COUNTY NO. R 37586

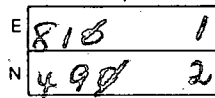
STATE SIGNATURE DATE ISSUED 090988 Charles Magna 12/09/89

NORTH GRID 492000 EAST GRID 0811000

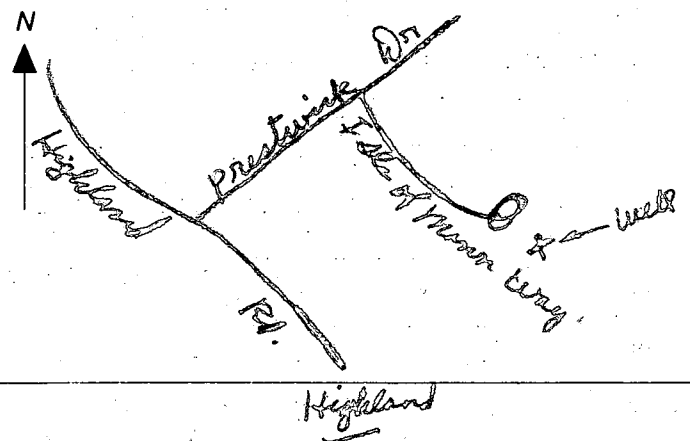
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. WELL

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



6/19/89 EXTENSION
11:00 6-19-89 12:14pm
62 ft casing
45 ft open hole
16 bags cement
1 ft above grade
Location ok
J. W. Adams



# APPLICATION

PERCOLATION TESTING

A 37586

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

P \_\_\_\_\_  
DISTRICT 5

DATE 7/10/86

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 JAMES & EMILY SAWBORN Peter & Vasilla Vidi  
ADDRESS 4967 TEN OAKS RD., DAYTON, MD. 21036 PHONE 301-220-1692  
531-544

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: \_\_\_\_\_ (LIST IT ON PRELIM)  
SUBDIVISION KOALDAN GARDENS ESTATES LOT NO. final lot 2  
ROAD AND DESCRIPTION S' EAST SIDE HIGHLAND RD., S' WEST END OF ISLE OF MANN WAY  
(13100 Isle of Mann Way)

TAX MAP 34 PARCEL # 378  
SIZE OF LOT 3ac. TYPE BLDG. SINGLE-FAMILY  
(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.  
Orest Handwerker for James & Emily Sawborn  
(SIGNATURE OF APPLICANT)

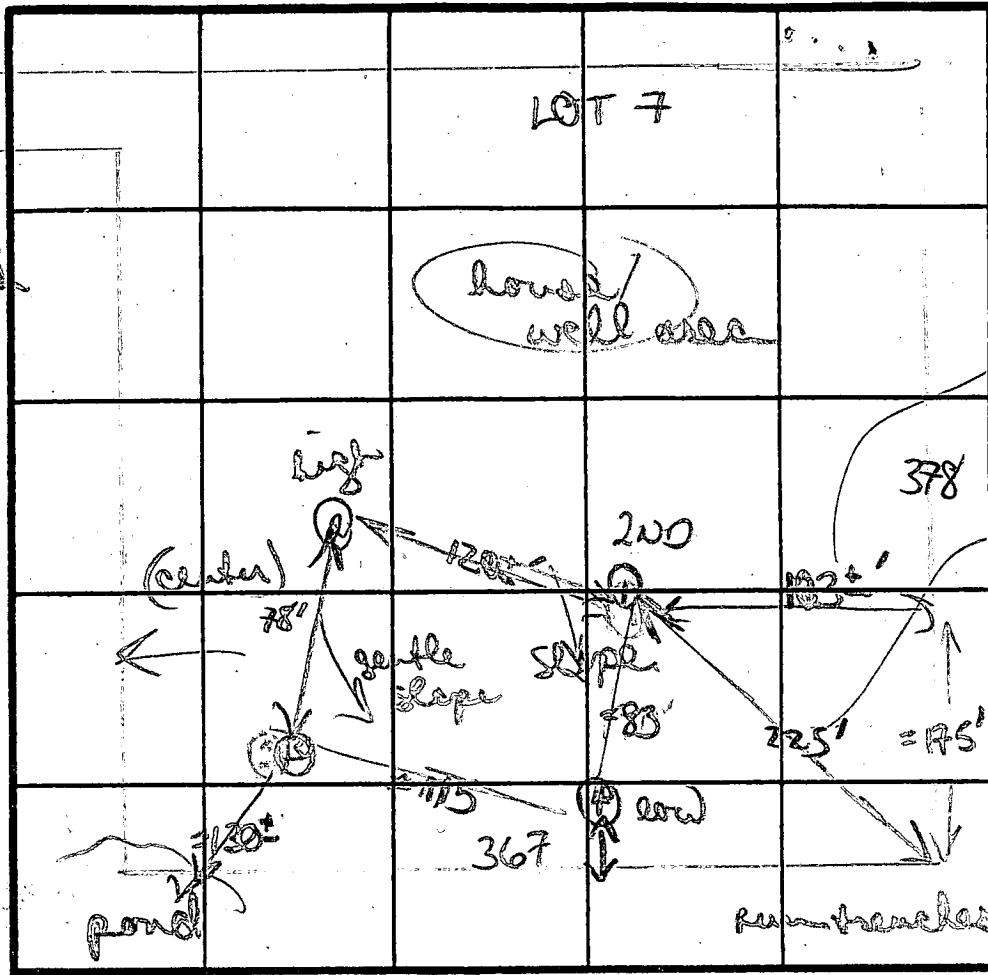
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_  
BLDG. PERMIT SIGNED AND RETURNED 3/9/93 Serial # 47557 underground proper tank  
BLDG. PERMIT SIGNED AND RETURNED 6/22/92 Serial # 43668-SFD 5 Bedroom

# THIS IS NOT A PERMIT

LOT 8

A37586



SOIL PROFILE

0' gretty/chunky  
orange/brown  
clay loam  
4' brown/fine  
silty loam  
mixed w/  
white  
sandstone  
(5%+)

12'D

②

brown/frag  
gretty clay  
sandy loam

-4'  
brown silty  
mud loam

fairly  
uniform

small frag  
cap

12'D

③

brown/fine  
brown silty  
loam

small frag  
orange/brown  
stone

EH 12-10-89  
brown light  
brown silty  
gretty loam

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE     | TEST NO. | DEPTH            | PRE-WET              |      | TEST - 1" DROP |      | TIME  |  |
|----------|----------|------------------|----------------------|------|----------------|------|-------|--|
|          |          |                  | START                | STOP | START          | STOP |       |  |
| 10/27/86 | ①        | 4' S             | 243                  | 247  | 247            | 251  | 4 min |  |
|          |          | 12' D            | bottom (see profile) |      |                |      |       |  |
|          | ②        | 4' S             | 250                  | 252  | 252            | 255  | 3 min |  |
|          |          | 8' M             | 248                  | 250  | 250            | 253  | 3 min |  |
|          |          | 12' D            | bottom (see profile) |      |                |      |       |  |
|          | ③        | 5' S             | 337                  | 338  | 338            | 340  | 2 min |  |
|          |          | 7' M             | 335                  | 336  | 336            | 338  | 2 min |  |
|          |          | 12' D            | bottom (see profile) |      |                |      |       |  |
|          | ④        | (previously dig) |                      |      |                |      |       |  |
|          |          | Visual           | (see plan to hole 1) |      |                |      |       |  |

X Perc  
3 min  
INLET 4'  
BOTTOM 6'  
180 A/BR

soils uniform/good

REMARKS gretty clay/clay loams; below

TYPE OF SOIL

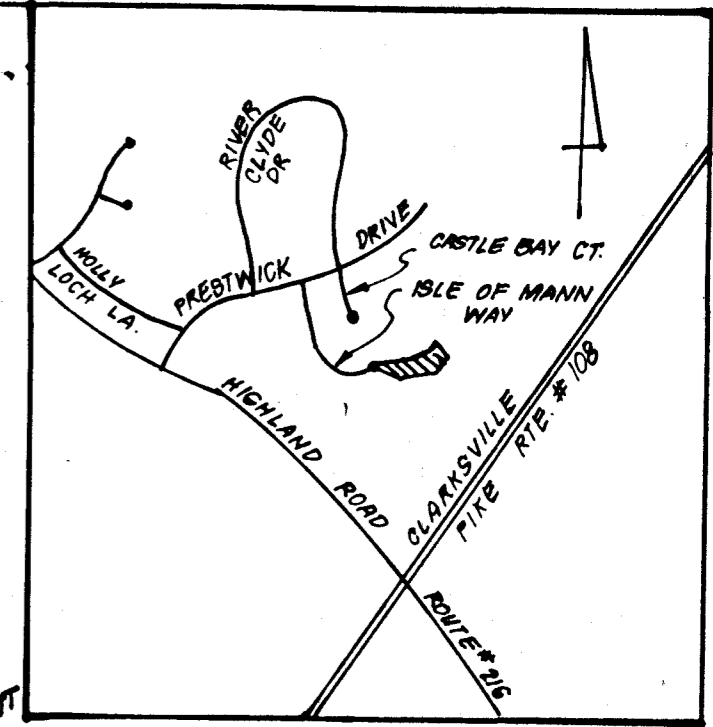
TESTED BY B Nelson ALSO PRESENT Owner, son



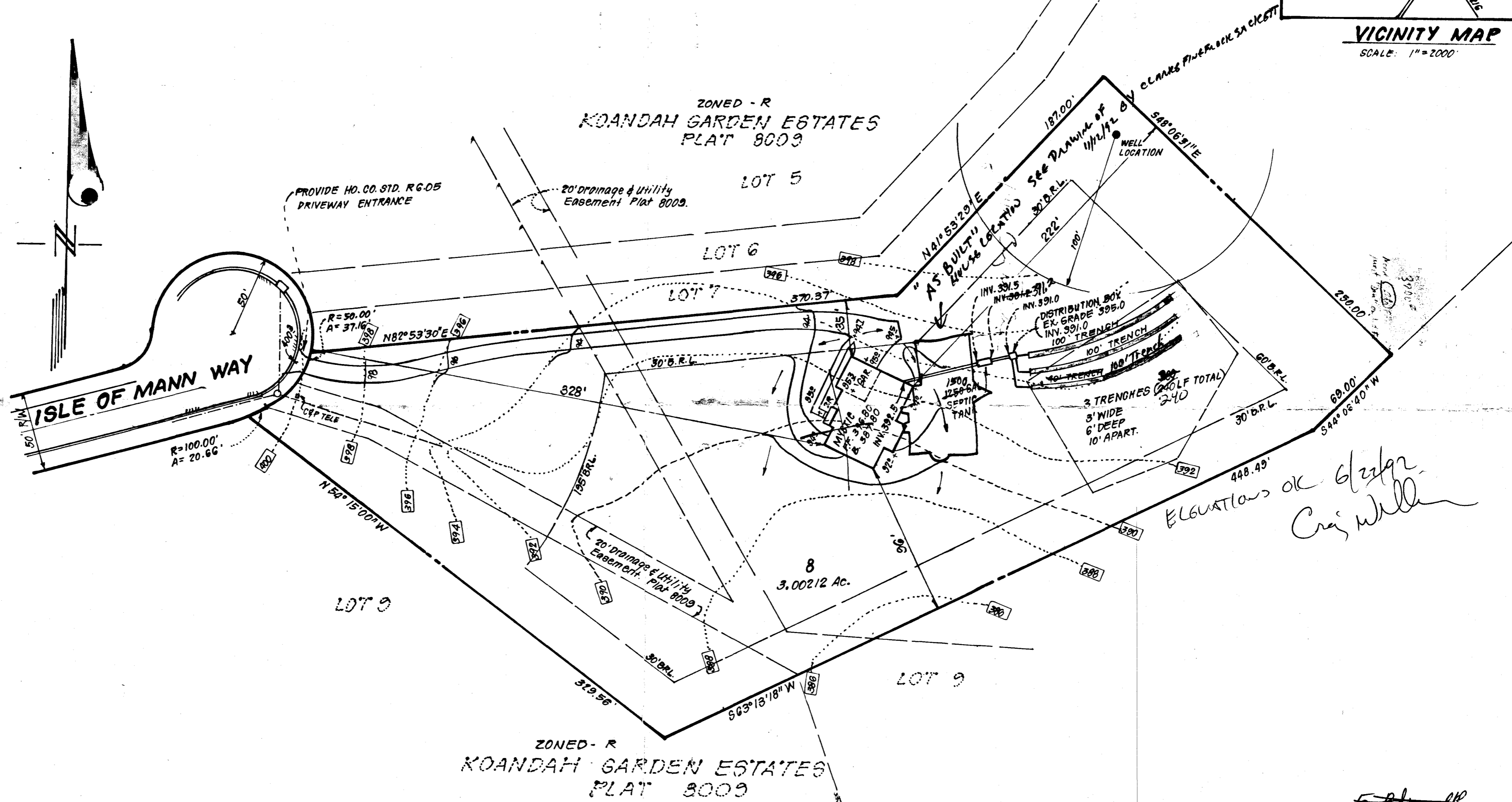
**LEGEND:**

- Contour Interval
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage

Topography was compiled from actual field survey on June 11, 1992, and is assumed datum.




**VICINITY MAP**  
SCALE: 1" = 200'



*Elevations ok 6/22/92  
Craig Miller*

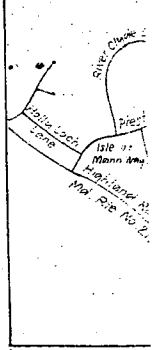
Plot Ref: 8009

|  |   |          |
|--|---|----------|
|  <b>CLARK • FINEFROCK &amp; SACKETT, INC.</b><br>ENGINEERS • PLANNERS • SURVEYORS<br>7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 - BALTO. • (301) 621-8100 - WASH. |   |          |
| DESIGNED   | <b>SITE DEVELOPMENT PLAN</b><br><b>LOT 8</b><br><b>KOANDAH GARDEN ESTATES</b><br><br>5TH ELECTION DISTRICT<br>HOWARD COUNTY MARYLAND. | SCALE    |
| JME  |   | 1" = 50' |
| DRAWN  |   | DRAWING  |
| KIWM   |   | 1 of 1   |
| CHECKED  |   | JOB NO.  |
| JME  | 92-107  | FILE NO. |
| DATE   | FOR: JOHN MCDONOUGH BUILDERS, INC.<br>6310 STEVENS FOREST RD #104<br>COLUMBIA, MD. 21046  | 92-107-X |

NOTE: This Lot lies in an area classified as Zone C, area of minimal flooding as shown on FIRM MAP of Howard County, Maryland. Community - Panel Number 2400440032-B, Panel 32 of 45, dated Dec. 9, 1986.

PLAN SCALE  
1" = 5.0'

Final: 6-10-93

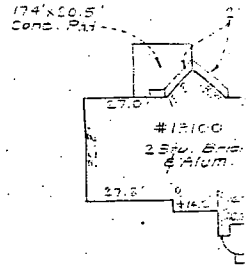
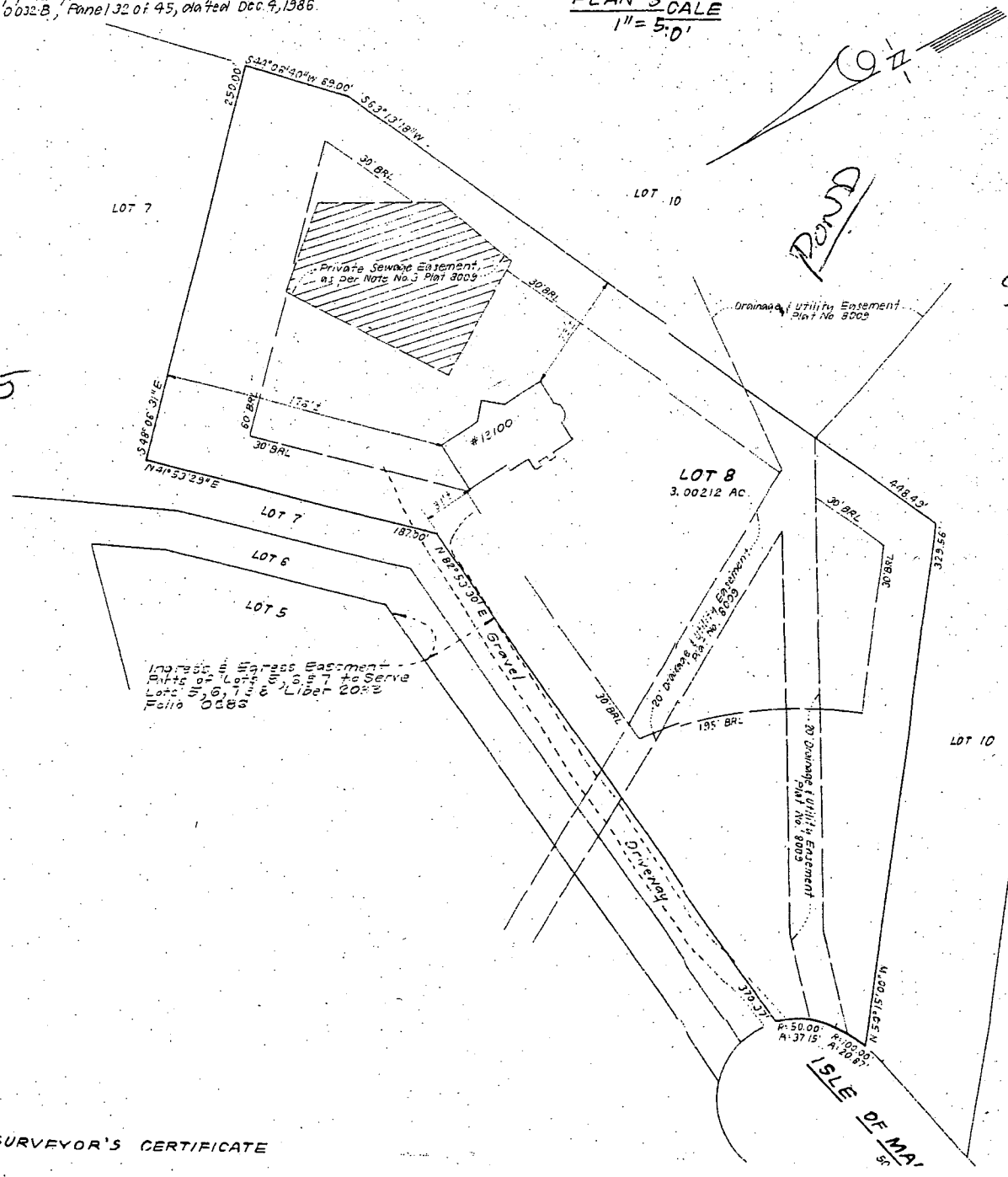


VICINITY SCALE:

APPROVED

WALK-THRU BUILDING PERMIT  
 BP# 80015176 # 37586  
 APP. SAN Latentman DATE: 1/5/05  
 DESC. OF WORK: deck addition  
gazebo

Scale 1:100  
± 3'



SURVEYOR'S CERTIFICATE

Plat Reference: 8009

**CLARK • FINEFROCK & SACKETT,**  
 ENGINEERS • PLANNERS • SURVEYORS

DESIGNED LOCATION OF HOUSE  
 13100 ISLE OF MANN WAY