

2/19/93 MHL

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

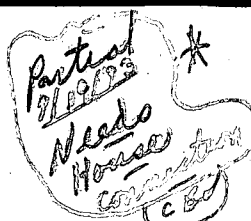
05-411475

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED



7/19/93  
2 P.C.O.

P 49311-A

A 43517

DISTRICT 5th

DATE 4/3/93

DATE SYSTEM APPROVED 8/18/93

INSPECTOR RH

\*Time Expired for F.C.O.P. Compliance

Paul Schissler/South Carroll Backhoe IS PERMITTED TO INSTALL ☒ ALTER

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

SUBDIVISION Orndorff Property LOT 1 ROAD 4865 Ten Oaks Road

PROPERTY OWNER Rand & Anna Postell

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 263

TRENCHES - Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 62.62' and 489.94' lot lines, start the first trench 145 feet down the 489.94' lot line and 155 feet off this same lot line. Run trenches on contour towards the common driveway.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 6/3/93 RH

PLANS APPROVED BY Mark Rifkin DATE 4/16/92

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

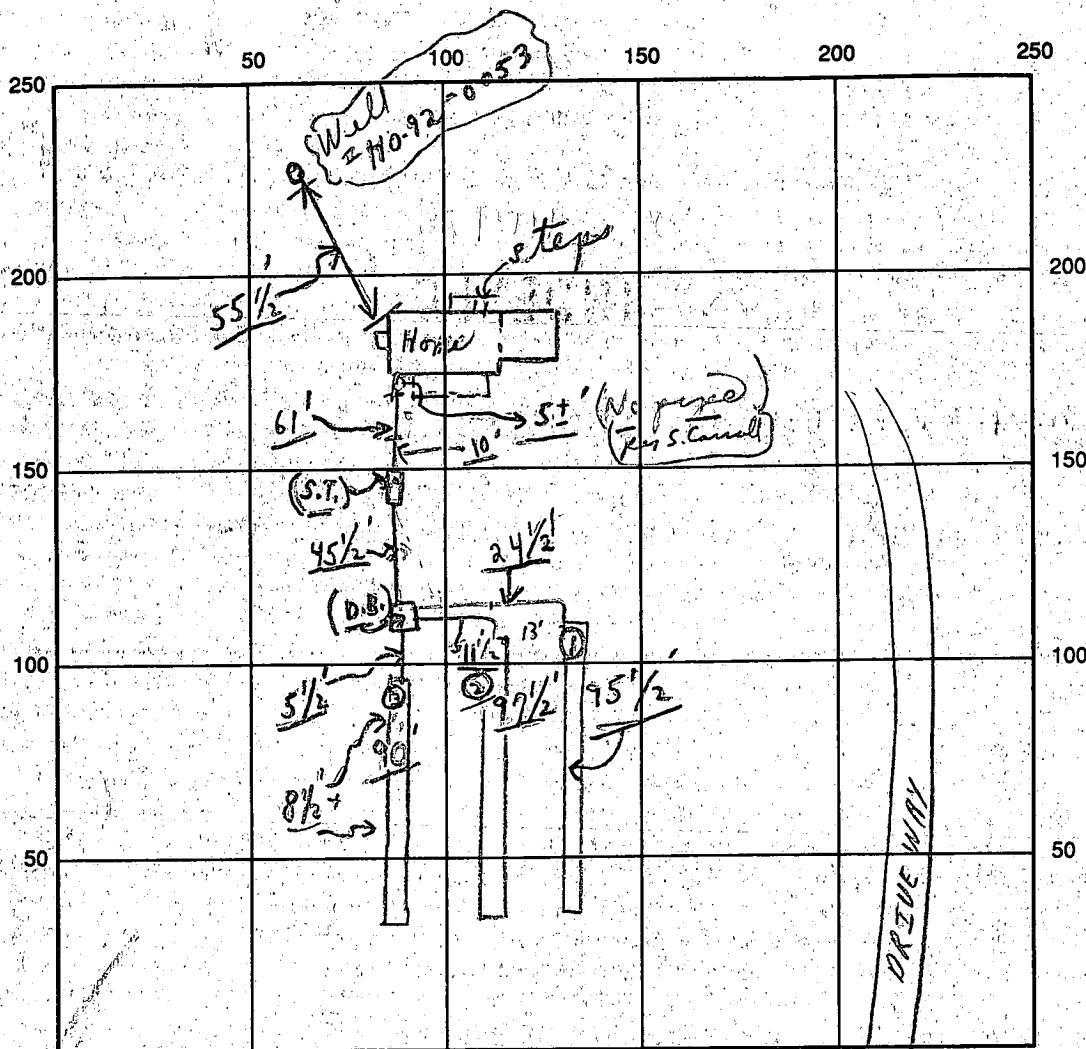
PERMIT VOID AFTER TWO YEARS

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 43517



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Ten Oaks Road

SEPTIC TANK LEVEL OK CLEANOUTS OK S.T. /

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TITLE DEPTH 8 1/2' + (average) TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. { 1 1/2', 1 1/2', 1 1/2' } TOTAL LENGTH 3 FT. } = (283)

NUMBER OF TRENCHES 3 ONE SIDEWALL ABSORBENT AREA 1132 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 1132 SQ. FT.

REMARKS: 7/19/93 Partial; ok to continue, - 2 trenches; etc. CBS

7/19 P.M. Partial ok to cover to 5' of house, Material on site  
and Rain threat, HOLD FOR HOUSE CONNECTION CHECK CBS

8/18/93 = HOUSE CONNECTION OK WATER FLOW TEST R/I

7/19 W.P.I. ok to cover, some, depts no holes CBS

DATE SYSTEM APPROVED 8/18/93 INSPECTOR Raymond Hodges

# APPLICATION

PERCOLATION TESTING

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

A 43517  
P \_\_\_\_\_  
DISTRICT 5  
DATE 1-19-89

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 R. L. O. CONTRACTORS INC. BAND + ANNA Postell  
ADDRESS 4901 TEN OAKS AVE. ARLINGTON MA PHONE 531-2288  
21036 301-236-0426

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

PROPERTY LOCATION:

SUBDIVISION ANDORFF PROPERTY LOT NO. 1  
ROAD AND DESCRIPTION 4865 TEN OAKS RD.

TAX MAP 28 PARCEL # 42

SIZE OF LOT 3.92 ACRES TYPE BLDG. S.F.D.  
(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.

David A. Onzoff  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 1-23-89 PERC SATISFACTORY hold for PLAT. Saw

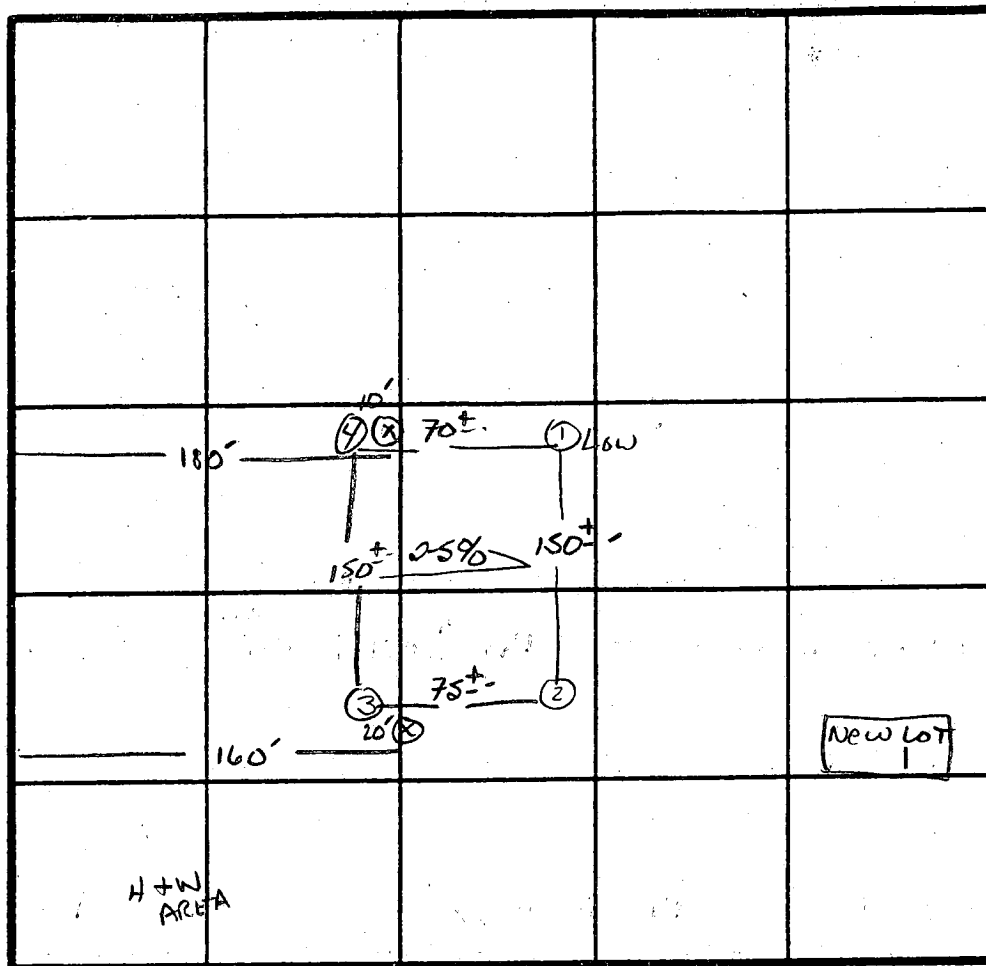
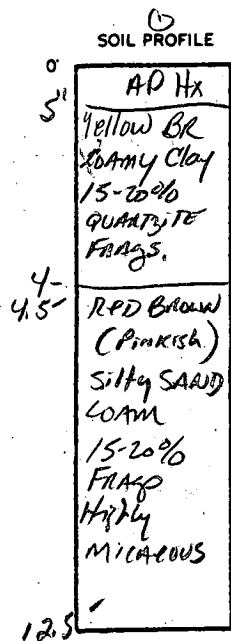
BLDG. PERMIT SIGNED  
AND RETURNED 5/5/89

Serial # 48030

SFD - 5 Bedrooms

# THIS IS NOT A PERMIT

A-43517



X Perc 13  
210  $\phi$  BR  
Inlet 4.5  
Bottom 8.5  
REPAIRS  
240  $\phi$  BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TEN OAKS RD.

| DATE    | TEST NO. | DEPTH         | PRE-WET                                        |       | TEST - 1" DROP |       | TIME   |
|---------|----------|---------------|------------------------------------------------|-------|----------------|-------|--------|
|         |          |               | START                                          | STOP  | START          | STOP  |        |
| 1/23/89 | 1 S<br>V | 4.5'<br>12.5' | 11:26<br>AS profile D                          | 11:41 | 11:41          | 12:08 | 27 min |
|         | 2 S<br>V | 4.5'<br>12'   | 11:31<br>SIMILAR TO #1 w/ less QUARTZITE FRAGS | 11:43 | 11:43          | 12:05 | 22 min |
|         | 3 S<br>V | 5'<br>12.5'   | 11:48<br>SAME AS #2                            | 11:50 | 11:50          | 11:53 | 3 min  |
|         | 4 S<br>V | 6'<br>13'     | 12:07<br>CLAY TO 8.5-5' similar to #2 & 3      | 12:25 | 12:25          | 12:40 | 15 min |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |
|         |          |               |                                                |       |                |       |        |

REMARKS Holes APPROX TO STAKES - DEEP SYST OK

TYPE OF SOIL CHESTER  $\rightarrow$  Chester Gravelly LOAM

TESTED BY S. Abel

ALSO PRESENT RLO

C 1 5184

SEQUENCE NO.  
(DENY USE ONLY)STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN  
45 DAYS AFTER WELL IS COMPLETED.COUNTY  
NUMBER

A 43517

ST/CO USE ONLY  
DATE Received

DATE WELL COMPLETED

8 13

07-19-92

Depth of Well  
22 400 26  
(TO NEAREST FOOT)PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
10-42-0053OWNER Bageant, Homes  
last name first name  
STREET OR RFD ORNDORFF PROP TOWN Dayton  
SUBDIVISION ORNDORFF PROP SECTION 1 LOT 1

## WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS  
PENETRATED, THEIR COLOR, DEPTH,  
THICKNESS AND IF WATER BEARING

| DESCRIPTION (Use<br>additional sheets if needed) | FEET |     | Check<br>if water<br>bearing |
|--------------------------------------------------|------|-----|------------------------------|
|                                                  | FROM | TO  |                              |
| Top Soil                                         | 0    | 2   |                              |
| Clay                                             | 2    | 6   |                              |
| Shaler                                           | 6    | 15  |                              |
| Sand Stone                                       | 15   | 65  |                              |
| Mica                                             | 65   | 80  |                              |
| Sand Stone                                       | 80   | 82  | ✓                            |
| Mica                                             | 82   | 210 |                              |
| Flint                                            | 210  | 211 | ✓                            |
| Mica                                             | 211  | 400 |                              |

## GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)yes ☒ no ☐

TYPE OF GROUTING MATERIAL

CEMENT ☒ BENTONITE CLAY ☐NO. OF BAGS 15 NO. OF BOUNDS 150GALLONS OF WATER 75

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 30 ft.  
(enter 0 if from surface)

## CASING RECORD

casing  
types  
insert  
appropriate  
code  
belowST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

ST 6 71

## OTHER CASING (if used)

diameter depth (feet)  
inch from toscreen type  
or open hole

## SCREEN RECORD

insert  
appropriate  
code  
belowST BR HO  
STEEL BRASS OPEN  
HOLE  
PL OT  
PLASTIC OTHER

## C 2

DEPTH (nearest ft.)  
1 40 69 400  
2  
3SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)  
from toGRAVEL PACK  
IF WELL DRILLED WAS  
FLOWING WELL INSERT  
F IN BOX 68OEP 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

## C 3

## PUMPING TEST

HOURS PUMPED (nearest hour) 3PUMPING RATE (gal. per min. to nearest gal.) 4METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30WHEN PUMPING 157

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 USETYPE 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

## 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  
WELLI 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 PRE-  
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF  
MY KNOWLEDGEDRILLERS IDENT. NO. 40DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman-  
responsible for sitework if different from permittee)

COUNTY

Well 60'  
Side line  
Ten OAKS RD.

|   |           |           |           |
|---|-----------|-----------|-----------|
| 3 | 5.751 Ac. | 0.350 Ac. | 5.401 Ac. |
|---|-----------|-----------|-----------|

PROPERTY OF  
WARREN A. BELL  
1127,0146

PROPERTY OF  
INTERNATIONAL CHURCH OF THE  
FOUR SQUARE GOSPEL  
L.377, F.483

PROPERTY OF  
ELSON L. DAUGHARTHY & WF  
L.372, F.0240

*Final Copy*

TEN  
OAKS  
ROAD

EXISTING & ROAD

AND DEDICATED  
HOWARD

LOT # 1  
3.865 Ac.

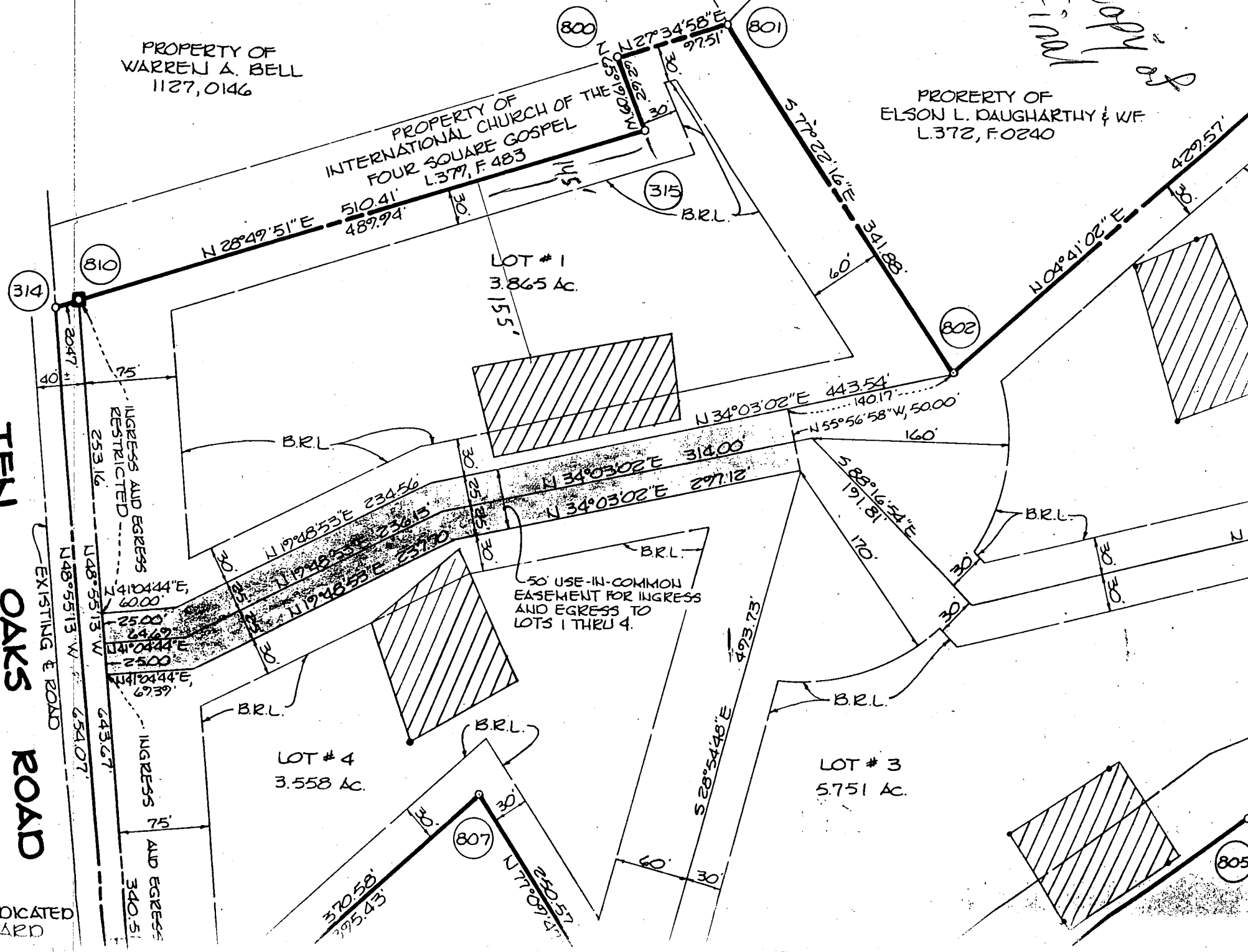
LOT # 4  
3.558 Ac.

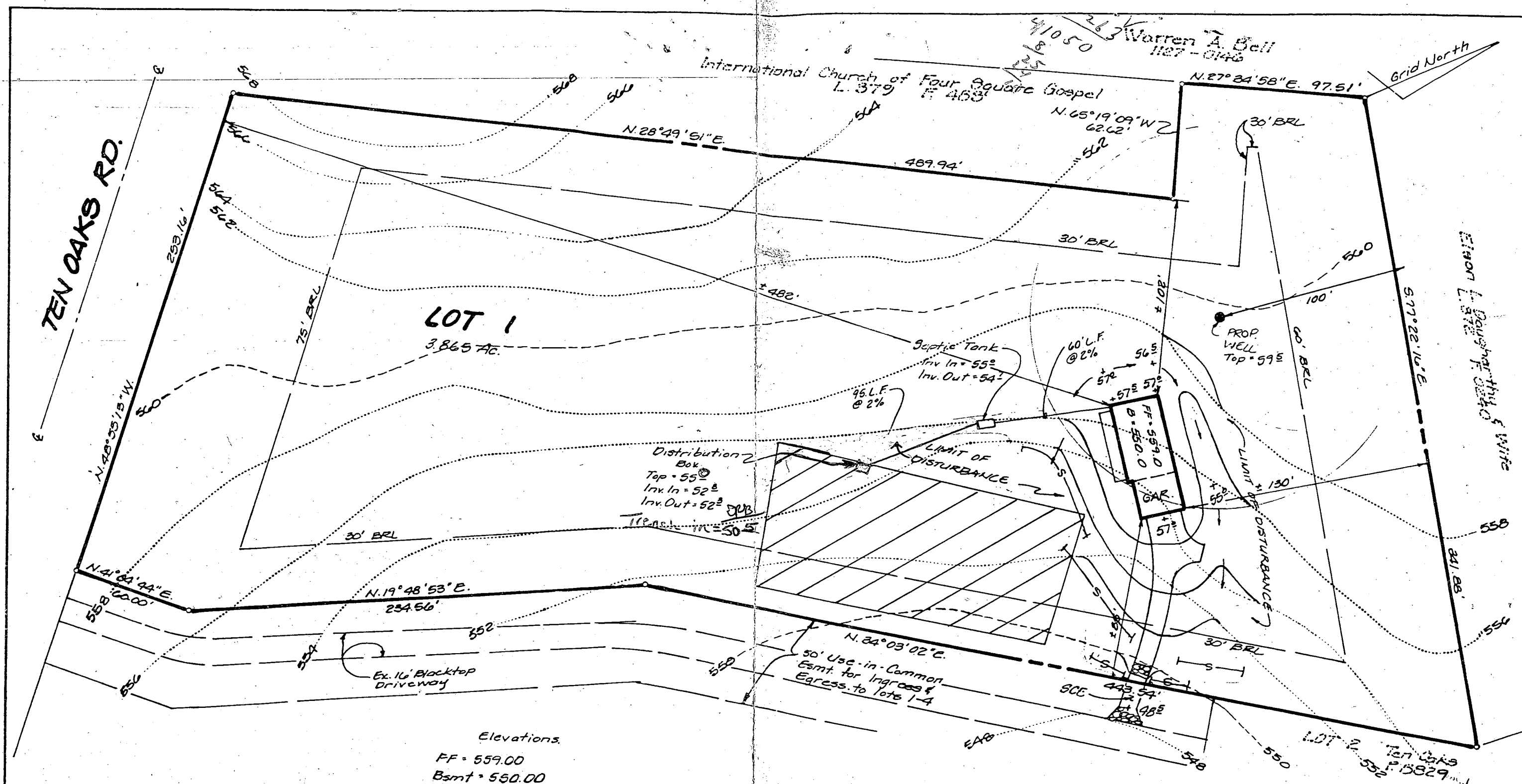
LOT # 3  
5.751 Ac.

50' USE-IN-COMMON  
EASEMENT FOR INGRESS  
AND EGRESS TO  
LOTS 1 THRU 4.

INGRESS AND EGRESS  
RESTRICTED

INGRESS AND EGRESS





Elevations.  
 FF = 559.00  
 Bsmt = 550.00  
 Inv @ Hsc = 56.2  
 Min C = 58.2

- Notes:
1. Tax Map # 28, Parcel 42
  2. Boundary based on Plat entitled "Orndorff Property, Lots 1-4, P.B. 8829"
  3. Topography shown is based on survey performed by Boender Assoc. Inc. 3-19-92.
  4. Contractor to provide 1' cover over pipe and set grades in field.
  5. Health Dept. to determine location & length of trenches in field, Trenches to run parallel to contours.
  6. Basement will not by gravity. Sewer *PJB*

All dimensions are True and Correct To The best of my

*Knowledge*  
*Walter Boender*  
*Name* *5-4-93*  
*Date*

|                                       |                 |                |                     |                 |
|---------------------------------------|-----------------|----------------|---------------------|-----------------|
| TITLE: <b>GRADING STUDY</b>           |                 |                |                     |                 |
| PROJECT: <b>ORNDORFF PROPERTY</b>     |                 |                |                     |                 |
| LOCATION: LOT Single Family Detached  |                 |                |                     |                 |
| 5TH ELECTION DISTRICT Howard CO., MD. |                 |                |                     |                 |
| SCALE: 1"=50'                         | DESIGNED BY:    | DRAWN BY: LJG  | CHECKED BY: S.W.    | DATE: Mar. 1992 |
| FIELD BOOK: 136                       | PAGE NO.: 14-22 | JOB NO.: 92016 | DRAWING NO.: 1 of 1 |                 |

**Boender Associates**  
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