

APPROVED
3/6/85 RH
P 35095
A _____

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

05-371260

ELLICOTT CITY

DISTRICT _____

DATE 3/5/85

INDEXED

Jack Fuock

IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Linden Chapel Woods ROAD 5/20 Ten Oaks Road LOT 5,

PROPERTY OWNER Robert Bittner

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Begin the trench 115 feet from the front lot line and 50 feet from the left side line, as seen when facing the lot from Ten Oaks Road. Run trench on level ground keeping it at least 20 feet away from house foundation. NOTE: DEEP TEST HOLE (14 FEET DEEP) MUST BE DUG AT THE SITE OF THE PROPOSED DRY WELL PRIOR TO START OF WORK! CALL 461-9933 FOR INSPECTION OF THIS TEST HOLE. Note; No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

3-685 - DEEP (14') TEST REVEALS WATER AT 7' IN LOW PART OF PERC AREA.

THEREFORE SHALLOW SYSTEM TO BE INSTALLED, BOTTOM AT 4', C. W. L. H. A.

PLANS APPROVED BY Frank Skinner DATE 3/4/85

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.

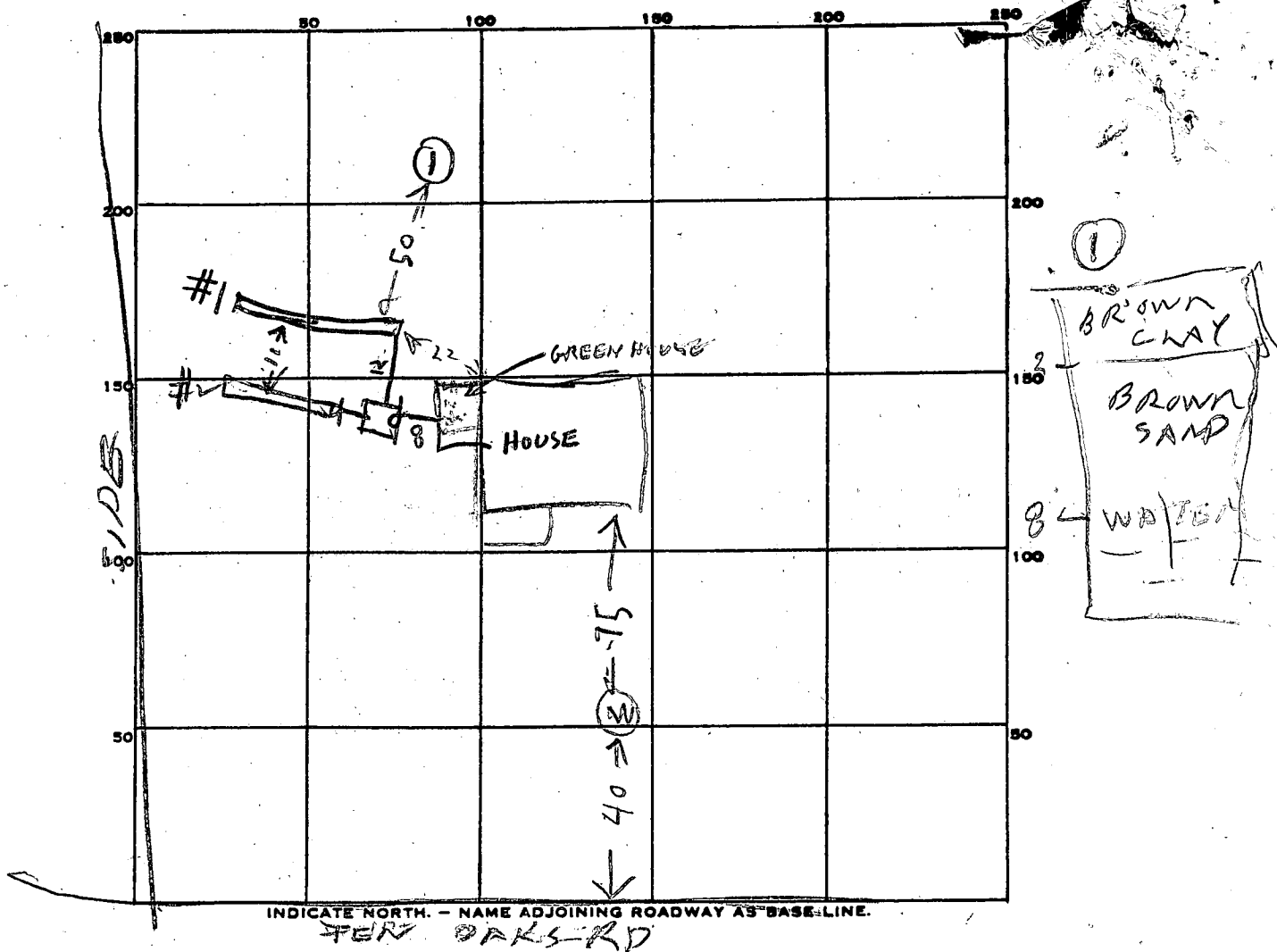
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

PA 35095



PERMIT CARD _____

SEPTIC TANK, LEVEL 1000

CLEANOUTS ST OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 5 5 FT. TRENCH WIDTH 6 6 FT.

GRAVEL DEPTH 2 2 IN. TOTAL LENGTH 55 31 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 516

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/6/85 - TRENCH #1 DUG 4' ADD STONE & DIG #2

VISUAL HOLE #1 DUG. OK TO PUT TANK 5 FT FROM GREEN HOUSE
(NO CELLAR). COMPLETE SYSTEM 2/85 3/6/85 - SYSTEM

FINISHED 3x158 = 474 SQ FT REQUIRED
516 FT INSTALLED

DATE SYSTEM APPROVED 3/6/85

INSPECTOR Raymond Hodges

SUBDIVISION: Linden Chapel Woods

LOT NUMBER: 5

DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>120</u> sq. ft./bedroom
		<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	<u>360</u>
4 bedroom	1250 gallon	
5 bedroom	1500 gallon	

Inlet 3 feet below original grade.

Bottom maximum depth 9 feet below original grade.

Effective area begins at 3 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 6 feet of stone below distribution pipe.

TRENCHES

158 sq. ft./bedroom

Trench to be 2 ft wide.

Inlet 3 feet below original grade.

Bottom maximum depth 9 feet below original grade.

Effective area begins at 3 feet below original grade.

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%.

159
LOCATION: Locate the drywell or begin the trench 115 feet from the front lot line and 50 feet from the left side line, as seen when facing the lot from Ten Oaks Rd. Run trench on level ground keeping it at least 20 feet away from house foundation. NOTE: Deep test hole (14 ft. deep) must be dug at the side of the proposed drywell prior to start of work. Call 461-9933 for inspection of this test hole.

3366

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 W-33995THIS FORM IS TO BE PUNCHED
ALL CARDS)

DATE WELL COMPLETED

071089

Depth of Well

22 205 26
(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

40-81-0606

OWNER

BITTNER

ROBT

STREET OR RFD

last name

TEN OAKS RD

first name

TOWN, Columbia MD.

SUBDIVISION GINDED CHAPEL WOODS

SECTION NONE

LOT 5

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM TO

Check
if water
bearing

Top Soil

0 2

Sandy

2 50

Sand Stone

50 54

Micka

54 70

Sand Stone

70 75

Micka

75 205

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)YES
YNO
N

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 21 NO. OF POUNDS 2100

GALLONS OF WATER 126

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 50 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

STEEL CO

PL OT

PLASTIC OTHER

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

S+ 6 60

EACH CASING

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

screen type
or open holeinsert
appropriate
code
below

SCREEN RECORD

STEEL ST

BRASS BR

BRONZE PL

PLASTIC

OPEN HOLE HO

HOLE OT

OTHER

C2

DEPTH (nearest ft.)

1 40 58 205

2

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~~4/8/85~~ 4/8/85
AM

Howard County Health Dept.
P. O. Box 476
Ellicott City, Maryland 21043

WELL PUMP INSPECTION

Owner's Name:

Robert Bittner

Address:

5120 Ten Oaks Rd.
Dayton

Location of Property:

Same

Well Tag Number:

Plumber or Certified Pump Installer:

Patrick F. Schepor

Phone Number:

465-0066

License Number:

3232

Receipt Number:

35219

Date:

4/1/85

Comments:

Continued with pump installation of manual P
4-3-85

PITLESS INSTALLED 4' below ORIGINAL GRADE
NO WELL TAG PRESENT

UNABLE TO ENTER HOUSE NO ONE ON PREMISES - 8 AM

Inspection:

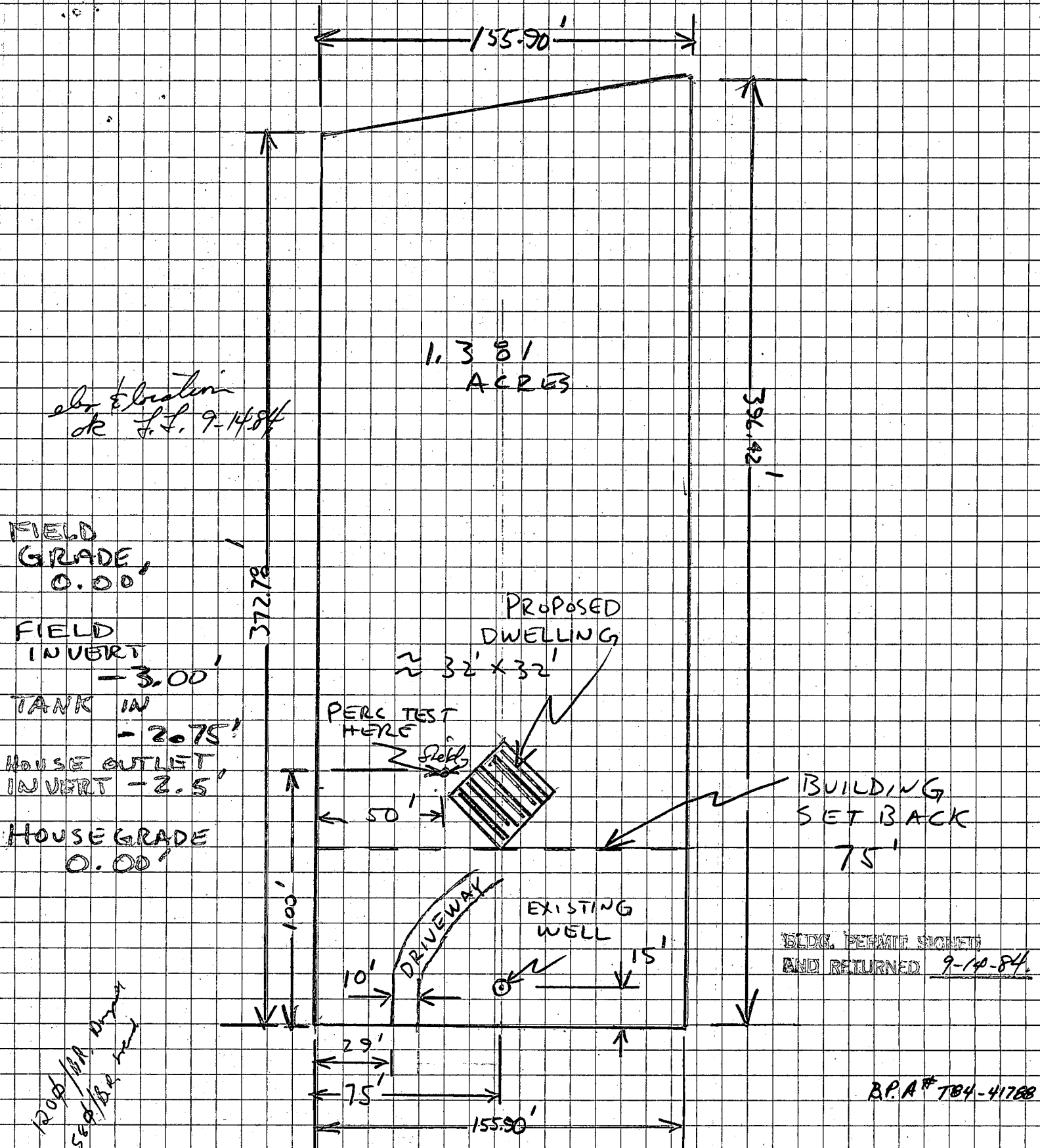
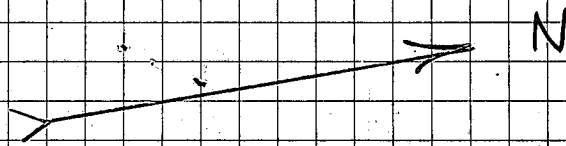
4/8/85 PRESSURE TANK HAS RELIEF VALVE. ELW

Date Well Pump Inspection was approved:

Inspector:

LOT 5
LINDEN CHAPEL WOODS

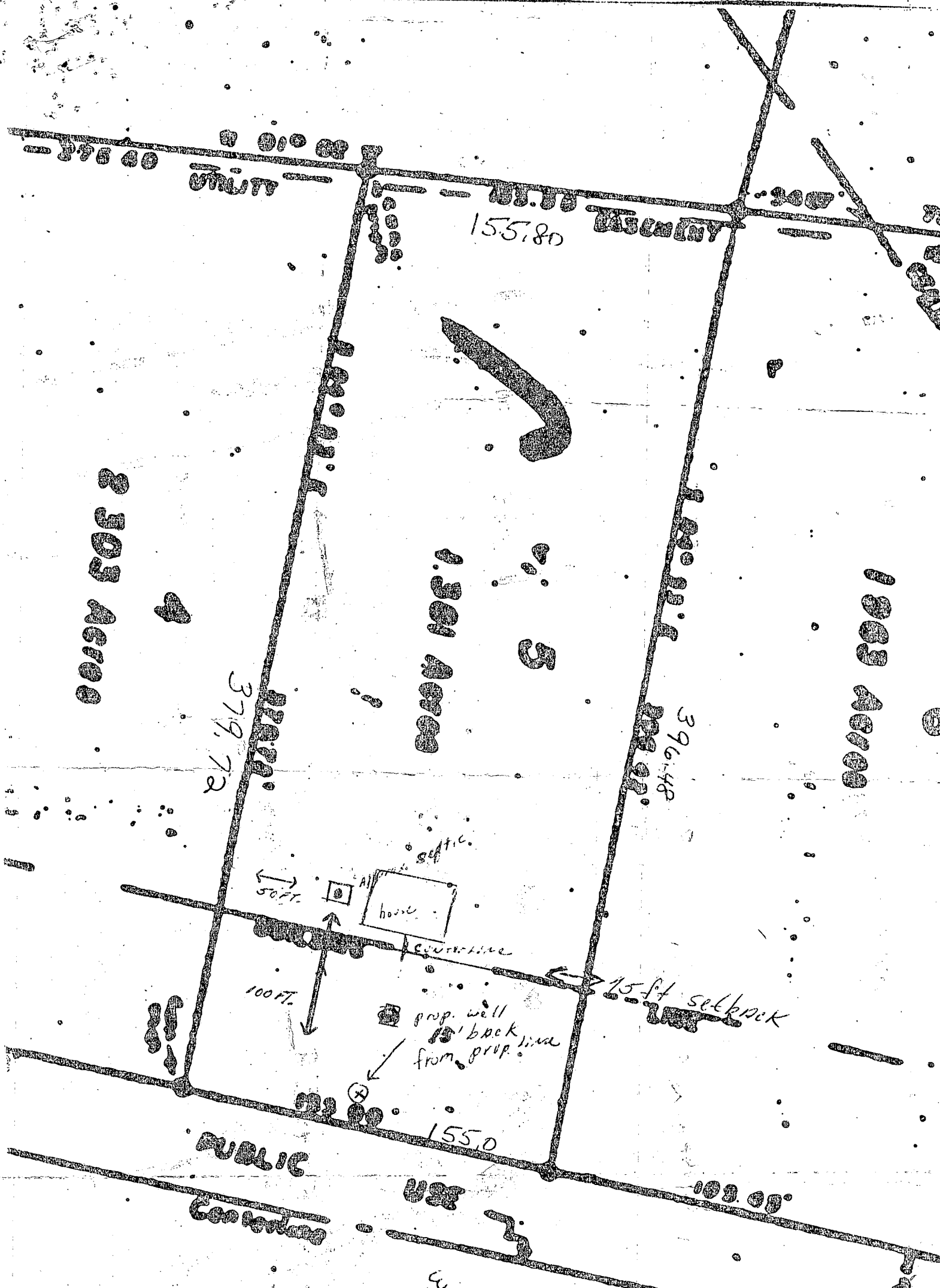
SCALE 1" = 50'



B.P.A # TB4-41788

Robt. Bittner

5720 TEN OAKS RD.



WELL SITE OK
 PER NOTES OF F.S. on owner's copy
 C. Williams

Mr. FRANK SKINNER, Dir.
 WATER & SEWAGE PROGRAM
 How. Co. HEDLID DIST.
 8306 B FORD
 EIGHTH CITY, MO. 64104

J. Bitter
 5107 Canada,
 Columbia, Md.
 21044
 1-730-7576

John Thompson
7411 Old Washington Rd.
Woodbury, Md.
21797

BITTNER T84-41788

Mr. Ralph Mayne
9120 Browns Chapel Rd.
Mt. Airy, Md. 21111

J. Bittner
5101 Cedar Ln.
Columbia, Md. 21044
430-1576

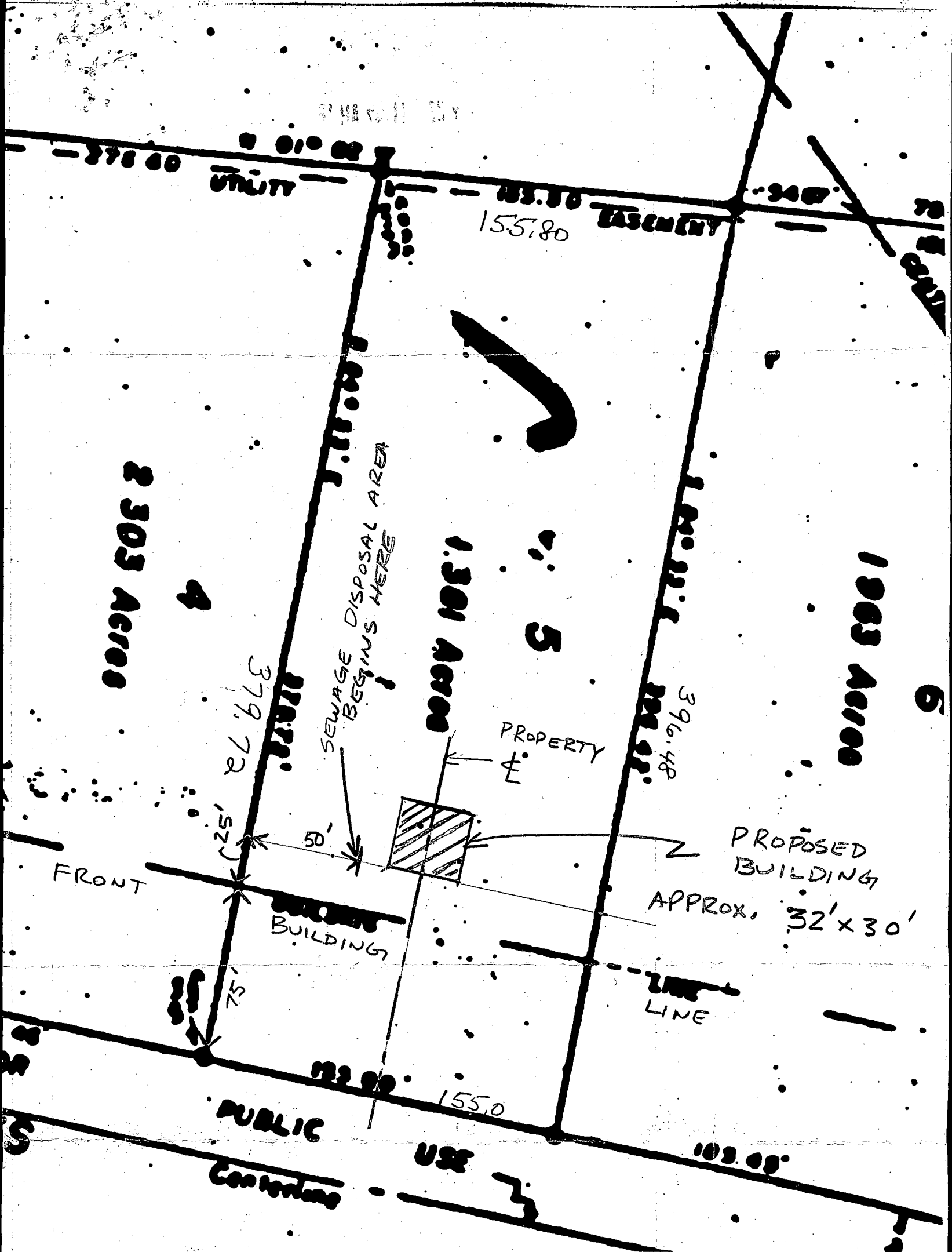
Dear Mr. Bittner:

As per our phone conversation
on May 18, 1964, enclosed is the
plot for the property on Six Oaks Rd,
showing our proposed residence.

You mentioned locating the well
close to the front centerline of the
property. I know there must
be a minimum clearance between
the two ^{5107.10' & well}, so I left the area
open for you to show where the
well should be located.

We hope to use the right front
corner of the basement for utility (well
pump, heater, etc.) I don't know if
that should have much bearing on
the well location.

As I also mentioned, our contract
expires on this property in a few weeks,
so anything you could do to expedite
the approval would be greatly appreciated.
Thank you. Sincerely,



Robert & Judith Bittner
 5707 Cedar LA.
 Columbia, Md. 21044
 130-1576