

B 1 3  
1 2 3 6

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-94-3464  
fill in this form completely

WS17403 please print or type

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

HAMILTON Reed Homes  
15 Last Name Owner First Name 34

8000 MAIN Street  
36 Street or RFD 55

ELLICOTT City MD 21043  
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Ralph E. MAYNE MSD 117  
Driller's Name 76 License No. 81

Ralph E. MAYNE Well Drilling  
Firm Name

12024 Handy Rd Mt Airy MD 21771  
Address

R. S. Mayne 8/8/02  
Signature Date

B 2 WELL INFORMATION  
1 2 APPROX. PUMPING RATE 5  
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED 500  
(GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

APPROXIMATE DEPTH OF WELL 150 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
  - THIS WELL WILL DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_  
PERMIT No. 40-94-3464  
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 3 LOCATION OF WELL

Howard COUNTY 21

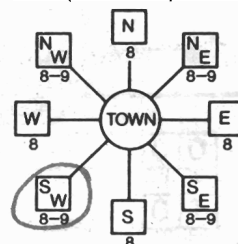
Jennings Chaple SUBDIVISION

SECTION 44 46 LOT E 48 50

DAISY NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 2 MI  
73 76 77 78

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Edwarfield Rd NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 50 37 DISTANCE FROM ROAD  
ENTER FT OR MI 38 39

TAX MAP: 13 BLK: 22 PARCEL 111

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 COUNTY NO. A516442

STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_ 41

DATE ISSUED 8/12/2002 Brian Baber 8/12/2003  
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 529 000 EAST GRID 774 000  
50 55 57 63

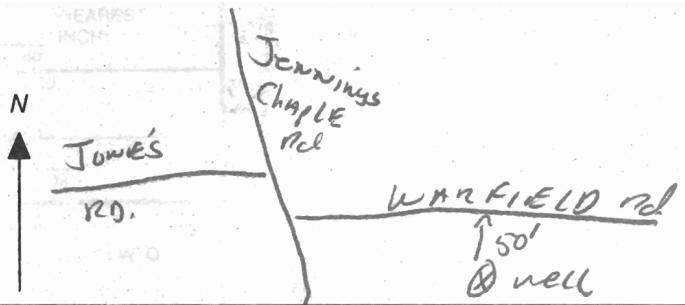
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
- 1. well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E ~~774~~ 774  
N ~~529~~ 529

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



C1 14212 SEQUENCE NO. (MDE 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 C.O.S. 3-6 ON ALL CARDS)

COUNTY NUMBER 13 A516442

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 7 2 02

Depth of Well 22 280 26 (TO NEAREST FOOT)

10/9/02 OKSRU

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3464

OWNER Hamilton Reed Builders STREET OR RFD Ed Warfield + Jennings Chapel TOWN Woodbine SUBDIVISION Kahler Property SECTION LOT 1

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Slate, Blue Slate, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (PL) Nominal diameter top (main) casing (6) Total depth of main casing (64)

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

SCREEN RECORD

screen type or open hole (ST, BR, HO) insert appropriate code below

DEPTH (nearest ft.) HO 62 280

Table with columns: E A C H S C R E, 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 from 60 to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

70 72 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

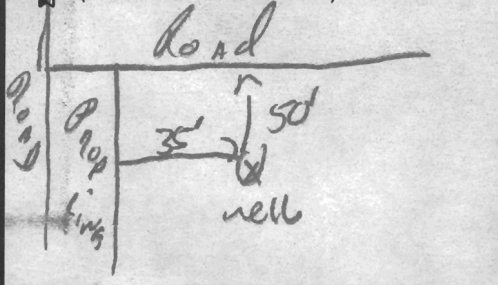
HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 18 ft. WHEN PUMPING 20 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

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...

DRILLERS LIC. NO. M SD 112 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. D

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



**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648**

**of the Well Pump, Pitless Adapter, and Supply Piping**

**NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.**

Company Name: Fogles Well Drilling Telephone #: 410-795-5670  
Address: 580 Obrecht Rd  
Sykesville, MD 21784

(Must circle one) Licensed Plumber  Licensed Well Driller  Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD009

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Williamsburg Group Telephone #: \_\_\_\_\_  
Subdivision: Kahler Property Lot #: 1 Well Tag #: HO-94-3464 ✓  
Site Address: Ed Macfield Rd & Jennings Chapel

Submersible Pump Data

Make: Grundfos  
Model #: 25905422  
Pump Capacity 7 GPM  
Well Yield: \_\_\_\_\_ GPM

Pitless Adapter

Make: Corbell  
Model #: N/A  
Depth: 36 (36" min)  
NSF approved: yes

Well Cap and Electric Conduit

Two piece watertight cap: yes  
Screened, vented well cap: yes  
Cap secured to casing: yes  
Conduit min 18" B.G.: yes  
Conduit secured to well cap: yes

Depth of well encountered at time of pump installation: 280 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt NA

Piping to house

Type: Black PVC  
PSI: 160 (160 psi min)  
Depth of supply line: 42 (36" min)

House Connection

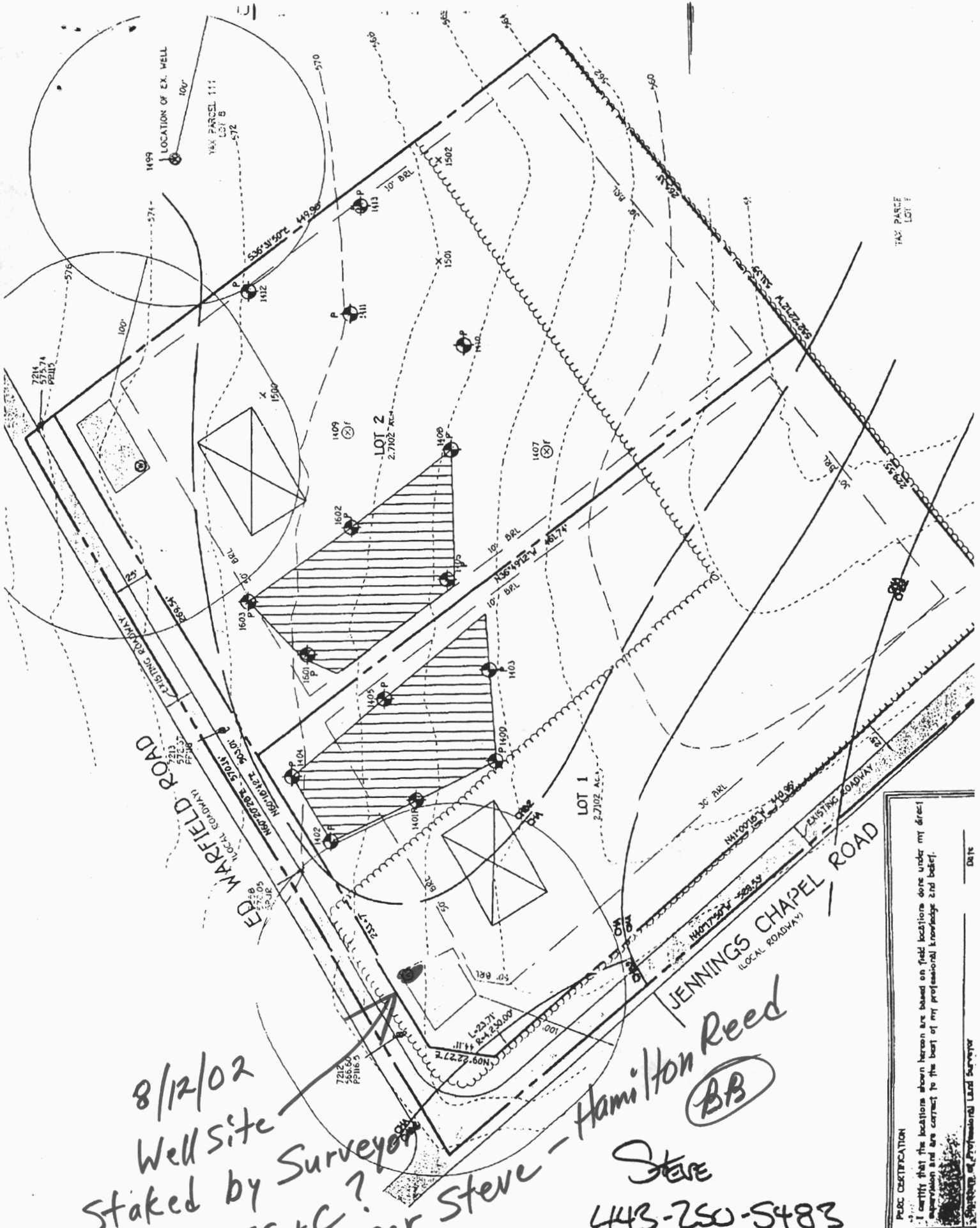
PVC sleeved to undisturbed soil at wall penetration: yes  
Approximate length of sleeve: 5  
Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Allen Compton date: 11-6-03

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 2/9/04 Date Insp. Approved: 2/9/04 (50)  
Inspection Data: Pitless adapter and water supply line at least 36" below grade \_\_\_\_\_  
Two piece cap installed and attached to casing securely \_\_\_\_\_  
Elec. conduit extends at least 18" below grade/attached to cap properly \_\_\_\_\_  
Safety rope installed inside of well casing \_\_\_\_\_  
Correct well tag attached properly and casing 8" above finished grade \_\_\_\_\_  
Water supply line sleeved adequately at house connection \_\_\_\_\_  
Adequate grout observed below pitless adapter \_\_\_\_\_



8/12/02  
 Well site  
 Staked by Surveyor  
 FC+C?  
 per Steve

Hamilton Reed  
 (BB)  
 Steve  
 443-250-5483

**PLAT CERTIFICATION**  
 I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.  
 \_\_\_\_\_  
 Date

12/8/03

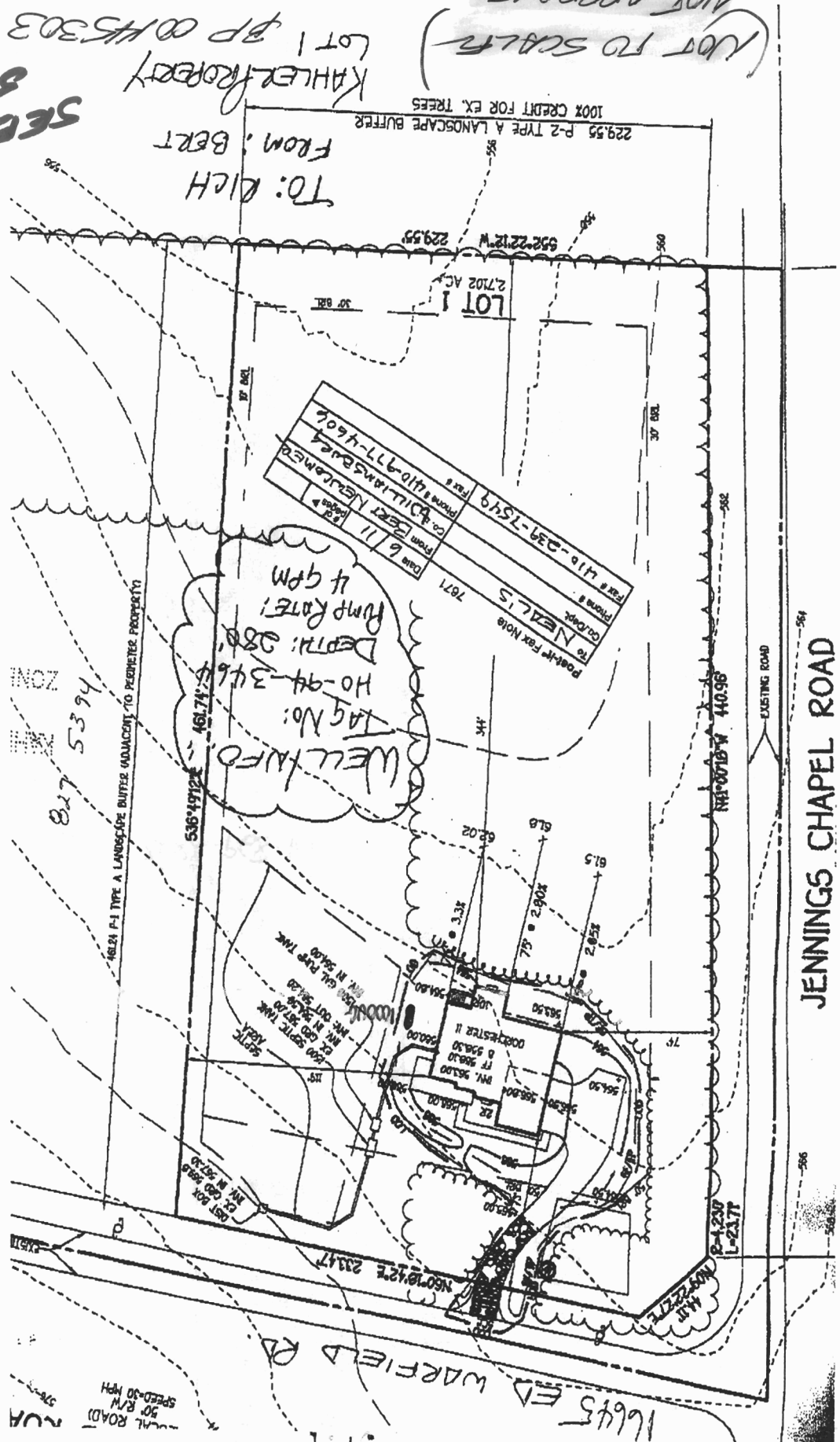
(NOT TO SCALE)  
(NOT APPROVED) PREPARE PLAN 10' FROM  
SEPTIC BASEMENT. REQUIRE 20' FROM  
SEPTIC BASEMENT TO GET APPROVED

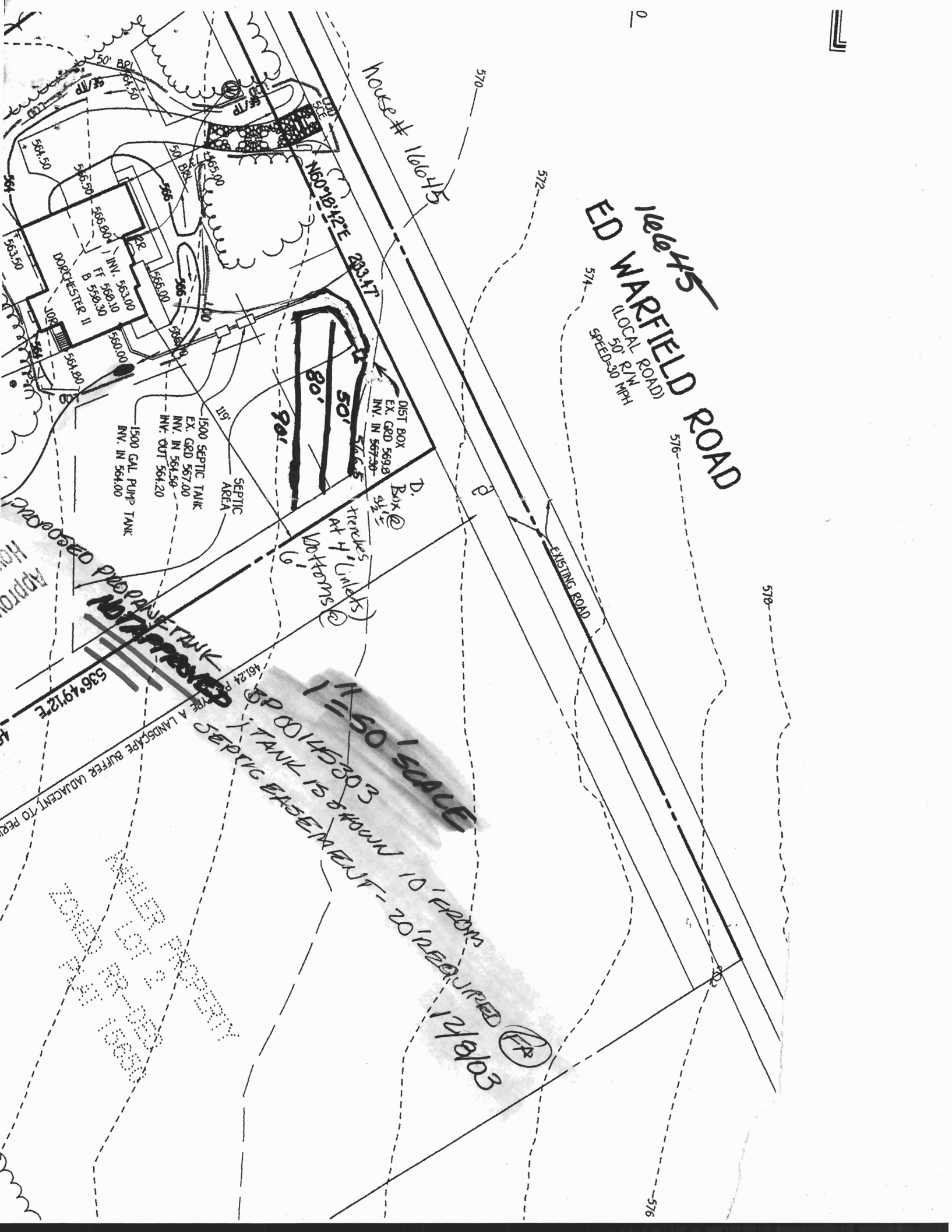
SEE NEXT SHEET

KAHLE PROPERTY  
LOT 1 BP 0045303

TO: RICH  
FROM: BERT

229.55 P-2 TYPE A LANDSCAPE BUFFER  
100% CREDIT FOR EX. TREES





House # 16645

16645  
**ED WARFIELD ROAD**  
 (LOCAL ROAD)  
 50' R/W  
 SPEED 30 MPH

1500 GAL PUMP TANK  
 INV. IN 564.00

1500 SEPTIC TANK  
 EX. GRD 567.00  
 INV. IN 564.50  
 INV. OUT 564.20

SEPTIC AREA

DIST BOX  
 EX. GRD 569.8  
 INV. IN 567.30

D. Box  
 5 1/2'

trunks  
 at 4' intervals  
 10' tanks

**PROPOSED PROPANE TANK**  
**NOT APPROVED**

**1" = 50' SCALE**

SP 00145303  
 TANK IS SHOWN 10' FROM  
 SEPTIC BASEMENT - 20' REQUIRED

12/18/03  
 (FA)

APPROXIMATE  
 PROPOSED  
 536.4912E

461.24  
 A LANDSCAPE BUFFER ADJACENT TO PERM

DATE: 12/18/03  
 TIME: 10:00 AM