

04310683  
 12/2/88 10 AM  
 4/13/89 1 PM  
 4/14/89 10 AM  
 3 PM  
 RG: BP 22331  
 House  
 P 43166  
 A REPAIR

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT \_\_\_\_\_

**HOWARD COUNTY**  
 BUREAU OF ENVIRONMENTAL HEALTH  
 461-9933

**INDEXED**

DATE 12/2/88

DATE SYSTEM APPROVED 4-14-89

LOCATION - ACROSS FROM COOKSVILLE MAINTENANCE FACILITY INSPECTOR JEN

Tom Abraham

IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION \_\_\_\_\_ ROAD 14195 Frederick Road LOT \_\_\_\_\_

PROPERTY OWNER John and Gretchen Moberley

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO \_\_\_\_\_

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS NUMBER OF BEDROOMS \_\_\_\_\_

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND REPAIR.

PURPOSE - TO DETERMINE SEPTIC SYSTEM CAPACITY TO SUPPORT PROPOSED ADDITION. OK/CW

DISCONNECT, ABANDON EXISTING SYSTEM -

INSTALL NEW TANK 1250 GALLONS OR LARGER AND 180' TRENCH WITH 4' STONE.

4-13-89 160 ft of trench w/ 4.5 ft stone, bottom max 9.0 ft, 12/2/88 cwllie'  
JEN

PLANS APPROVED BY C. Williams DATE 12/01/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BDDG. PERMIT SIGNED  
 AND RETURNED 12/2/88  
Serial # 22331  
Addition

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

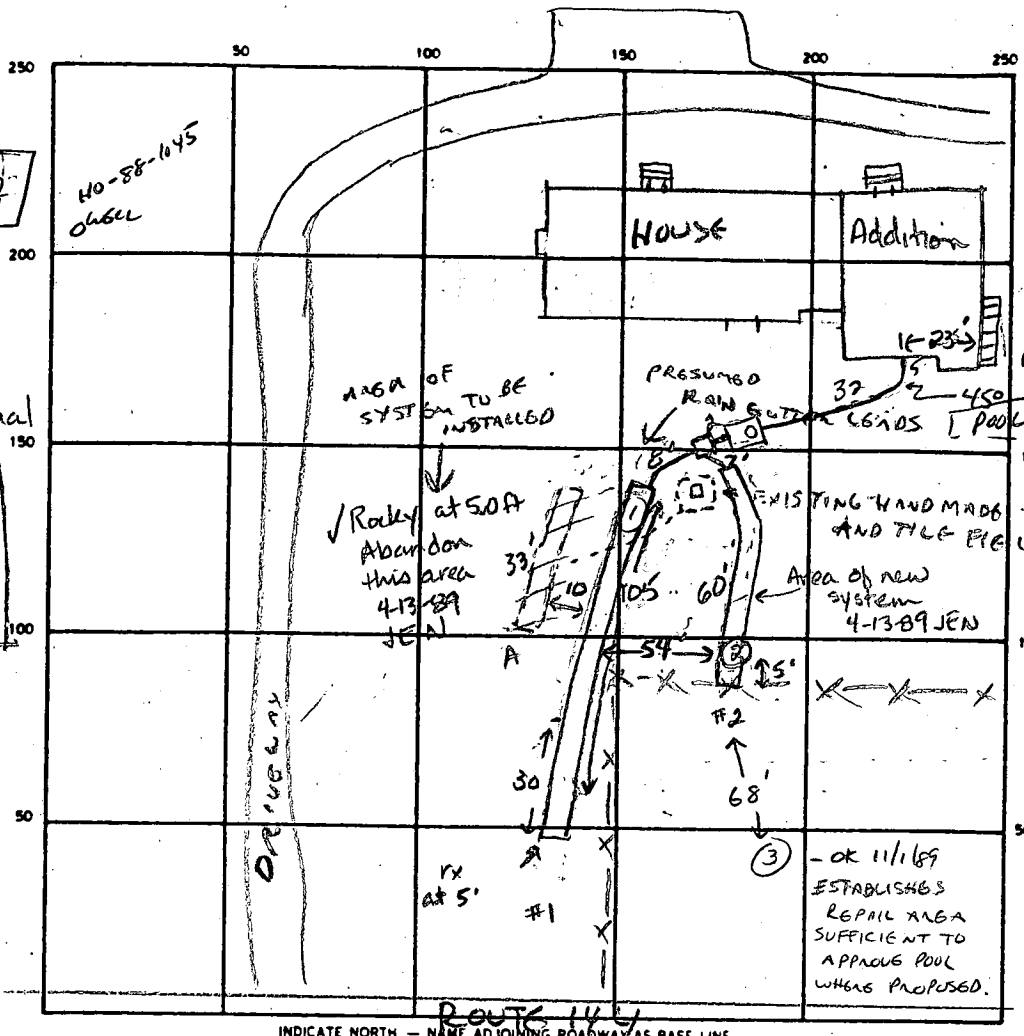
AND RETURNED 11/12/89  
Serial # 30304 prot.

P-43166

3pm

56PTL 5

BARN SEC A44932



WELL  
Barn  
PIT WELL NEAR POND  
250'  
Top 30214

4-13-89  
② Perc Test Hole-Visual  
0-4.0 Debris fill  
4-13.0 Red mica silty  
(No rx frags)  
13.0 Bottom

④3 11/1/89  
BROWN SILT CLAY LOAM  
2 1/2 RED BROWN SAND/SILT CLAY LOAM  
5 1/2 TAN SAND-SILT LOAM  
15% ROCK  
11 1/2 REFUSAL

① PERCOLATION TEST HOLE

CLAY  
MICA LOAM WITH OCCASIONAL FIELDSTONES

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL OK w/ baffle

DRAIN FIELD/TILE FIELD DEPTH 9' 10' FT. TRENCH WIDTH 2 FT. INLET DEPTH 4' 5.0' FT.

EFFECTIVE GRAVEL DEPTH 5.0 5.0 FT. TOTAL LENGTH 105 60' FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 525 300 SQ FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

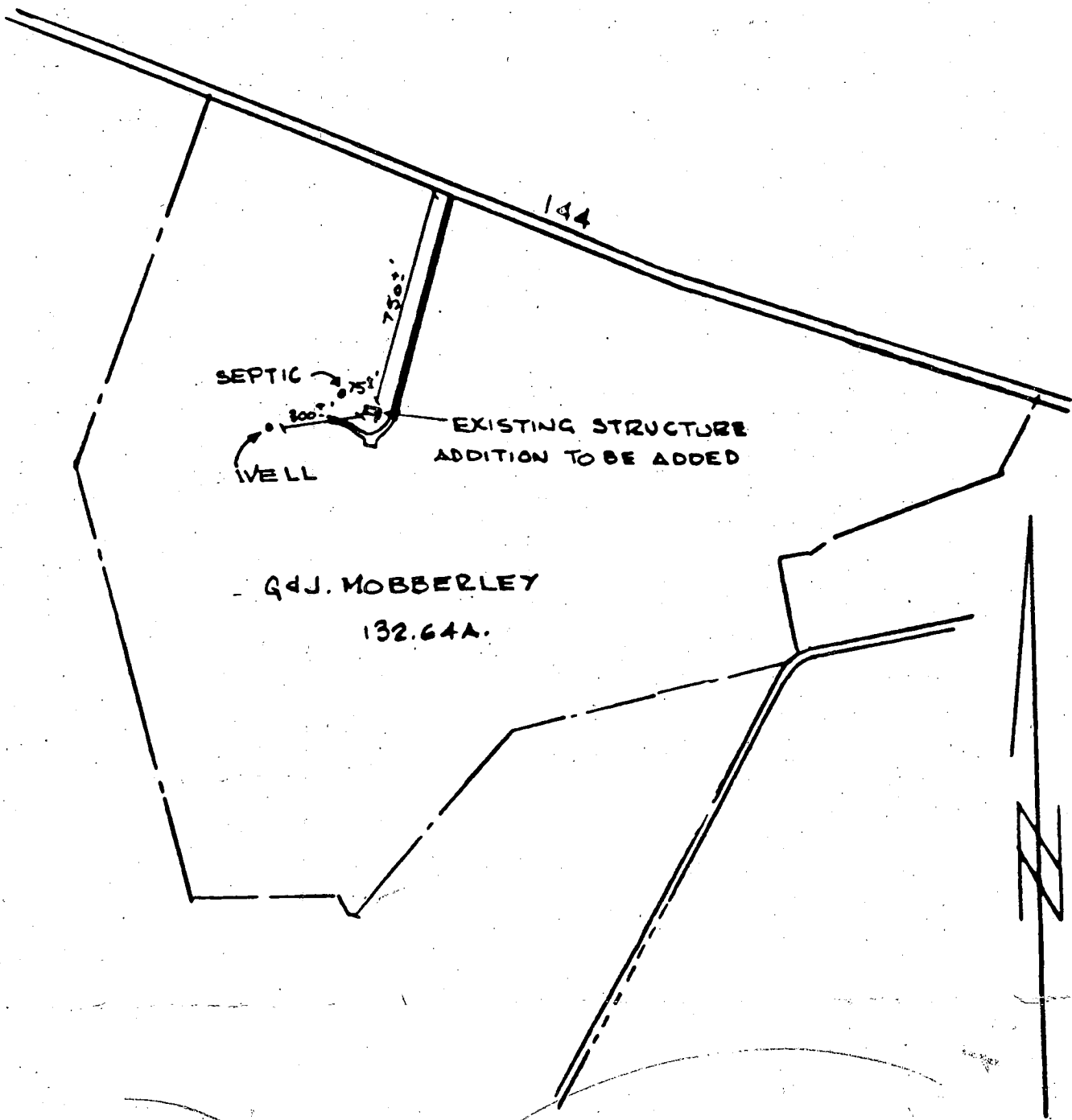
ABSORBENT AREA 825 SQ. FT.

REMARKS 12/2/88 OBSERVATION TEST HOLE OK EXCEPT FOR UNCERTAIN FIELDSTONE CONTENTS  
EXTENT OF ROCK TO BE DETERMINED AT TIME OF TRENCH INSTALLATION - EXPECTED TO BE  
INSIGNIFICANT. IF ROCK IS A PROBLEM, SWITCH TO SHALLOW DESIGN, CURELLIAN

4-13-89 Last 30 ft of trench #1: 40% rx pieces at 9'. Trench #2, >50% rx at 5' - unacceptable, abandon.  
OK: 160 ft trench, 9.0 ft deep, Inlet at 4 to 4.5 ft. OK to extend #1 to 110 ft, and stone it. JEN

4-14-89 OK to cover trench #1, stone #2. Cover #2 leaving ends open. JEN 4-14-89 Cover all work JEN

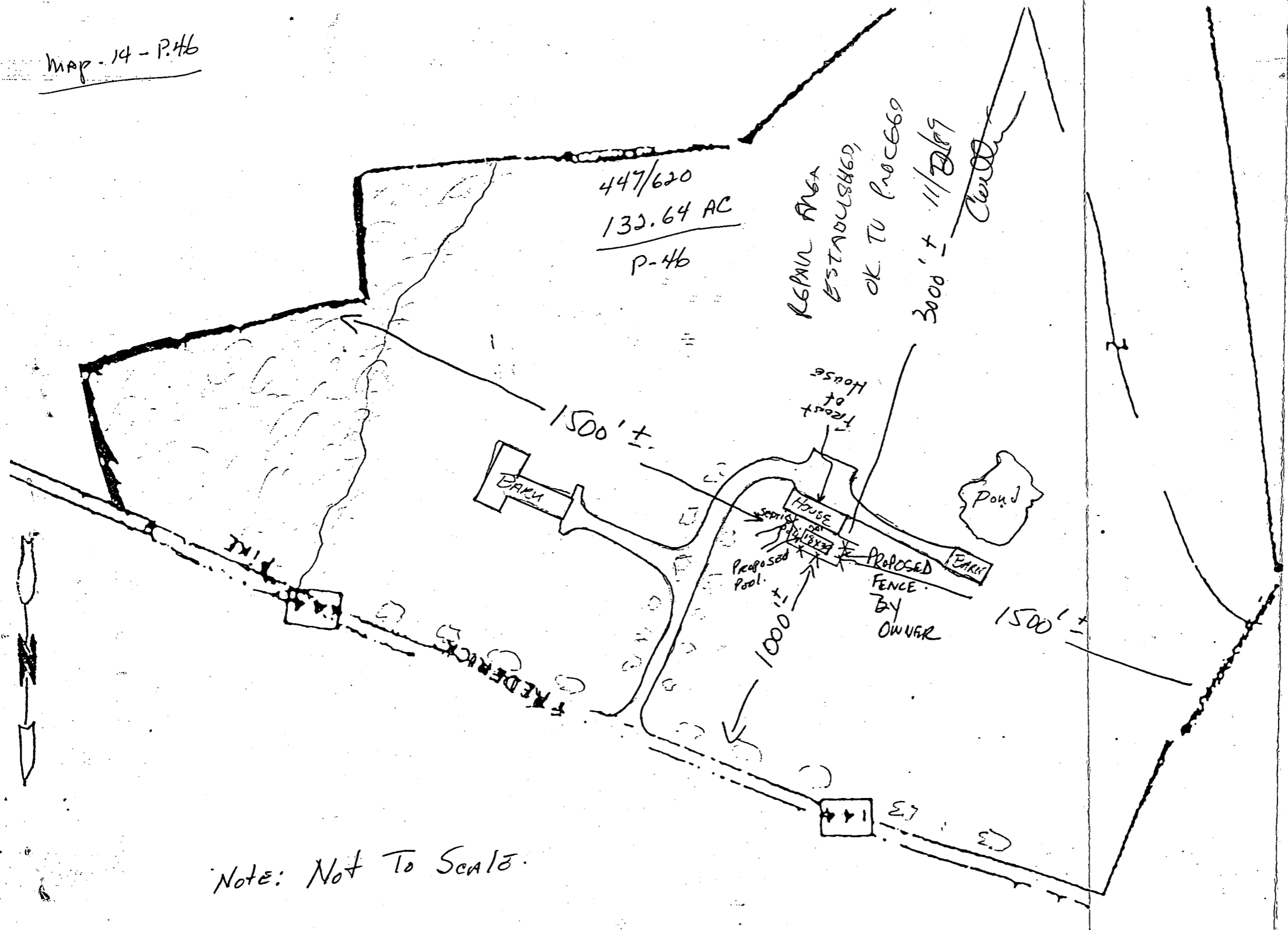
DATE SYSTEM APPROVED 4-14-89 INSPECTOR Jane E. Nadeau



Lot  
E 107 o 91

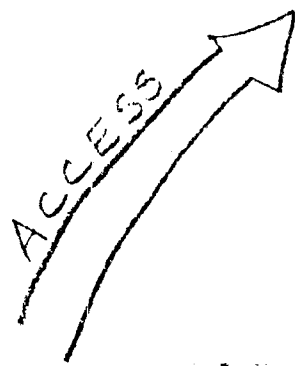
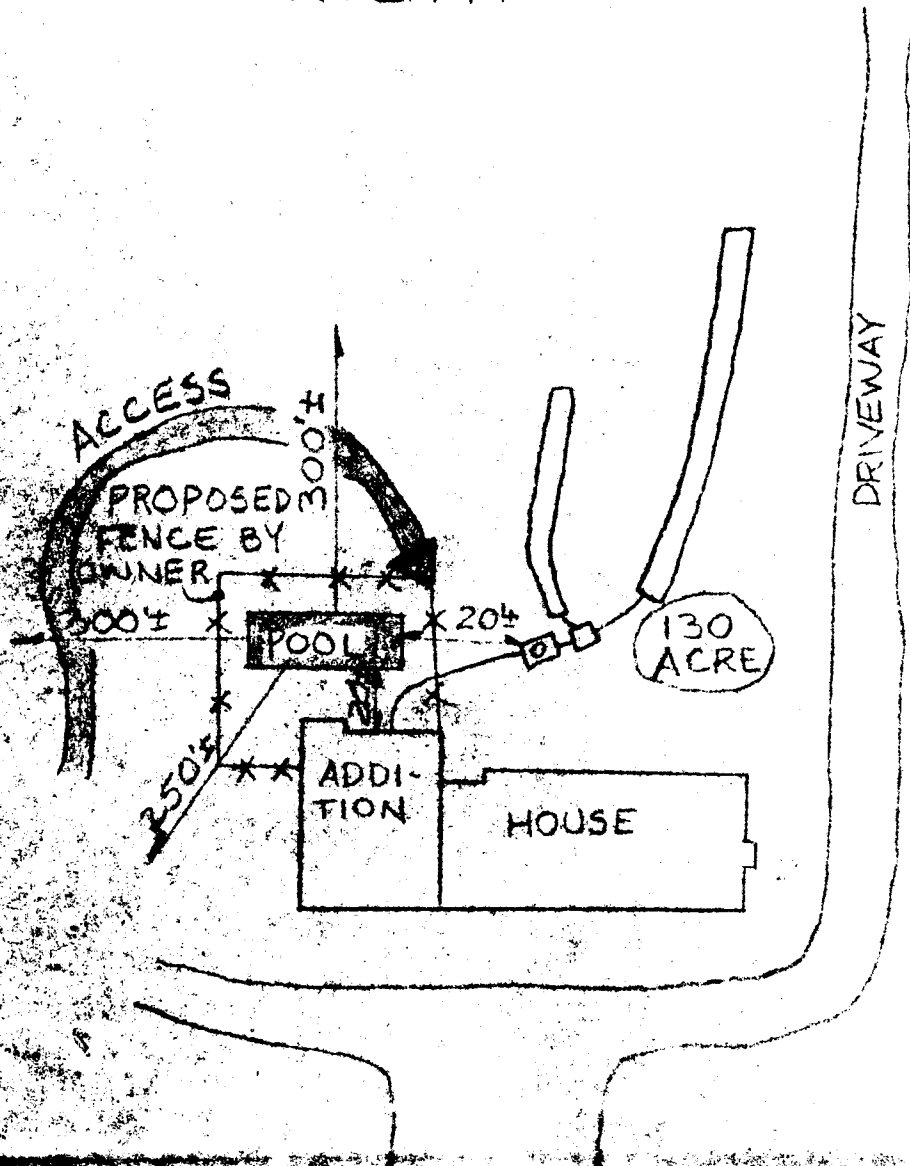
BONE PK  
Lot 10 of 15

MAP - 14 - P. 46



Note: Not To Scale.

RTE 144

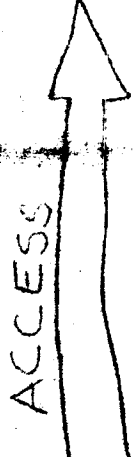


500W LIGHT

J. BOX

26'-4"

NOT TO SCALE



TUNNEL RD

RTE. 70

FREDERICK RD (RTE 144)



McKENDREE RD

PFEFFERCORN RD

RTE. 108

I-95

RTE. 32

WEST

LAUREL

MAP TO SITE  
NOT TO SCALE  
PG. 9, F-1