SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

PROPERTY ADDRESS

Town Or Plantation	AUGUSTA
Street Subdivision Lot #	OFF WEEKS MILLS ROAD FOX GLEN LOTS 160,161,357,10-315,10-316A

PROPERTY OWNERS NAME

Last: BOOMHOWER First: FRED

Applicant Name:	FRED BOOMHOWER
Mailing Address of Owner/Applicant (If Different)	11 RESERVOIR DRIVE RANDOLPH, MA. 02368

AUGUSTA Caution: Permit Required 1769 TOWN COPY
Date Permit Issued: 10/2/89 $ 140.00 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 190

Owner/Applicant Statement

I certify that the Information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Fred Boomhower 10/2
Signature of Owner/Applicant — Date

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Local Plumbing Inspector Signature — Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☒ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

THIS APPLICATION REQUIRES:
1. ☒ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
a. ☐ Requiring Local Plumbing Inspector Approval
b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:
1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

INSTALLATION IS:
COMPLETE SYSTEM
1. ☒ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)
INDIVIDUALLY INSTALLED COMPONENTS:
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

SIZE OF PROPERTY	ZONING
1.2± ACRES	SHORELAND

TYPE OF WATER SUPPLY
DRILLED WELL (PROPOSED)

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC
SIZE: 1000 GALS.

WATER CONSERVATION
1. ☒ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET
SPECIFY: _____

PUMPING
1. ☐ NOT REQUIRED
2. ☐ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☒ REQUIRED
DOSE: 50 ± GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
3 BEDROOM SINGLE FAMILY DWELLING
DESIGN FLOW: 270 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 22.

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☒ BED 900 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft. ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

On 3/30/88 + 4/7/89 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature — SE# 168 — Date 4/14/89

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

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Department of Human Services
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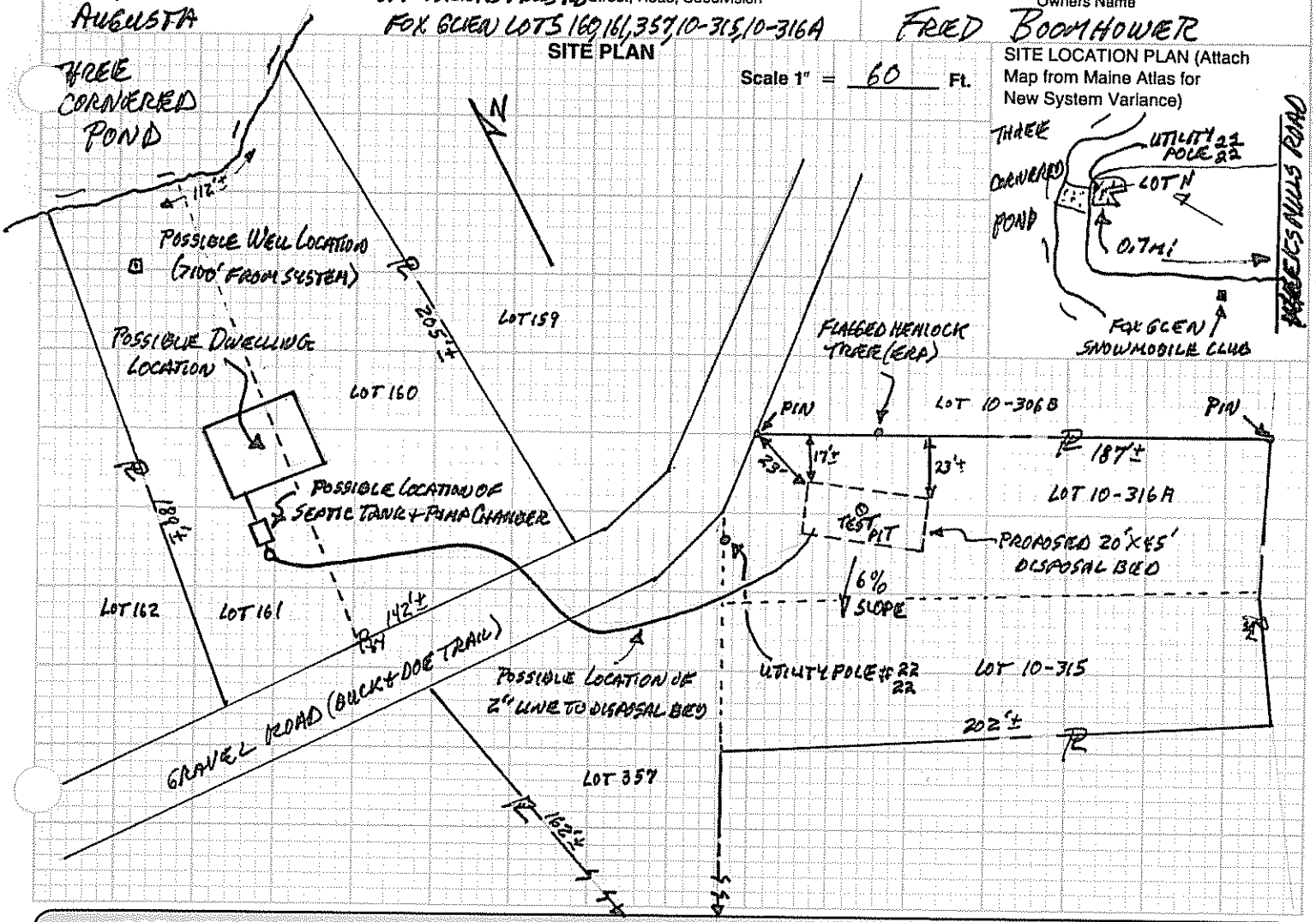
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: OFF WEEKS MILLS RD FOX GLEN LOTS 160, 161, 357, 10-315, 10-316A

Owners Name: FRED BOOMHOWER

SITE PLAN

Scale 1" = 60 Ft.



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP 10-316A ☒ Test Pit ☐ Boring

ONE " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
		BROWN	
		ORANGE	
SANDY		BROWN	
LOAM	FRIABLE	YELLOW	
		BROWN	
			COMMON
GRAVELLY		GRAY	
SANDY	FIRM	BROWN	DISTINCT
LOAM			

Soil	Classification	Slope	Limiting Factor
3 (Profile)	C (Condition)	6 %	22 ☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling

Soil	Classification	Slope	Limiting Factor
(Profile)	(Condition)	%	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature

168
SE#

4/15/89
Date

HHE-200 Rev. 1/84

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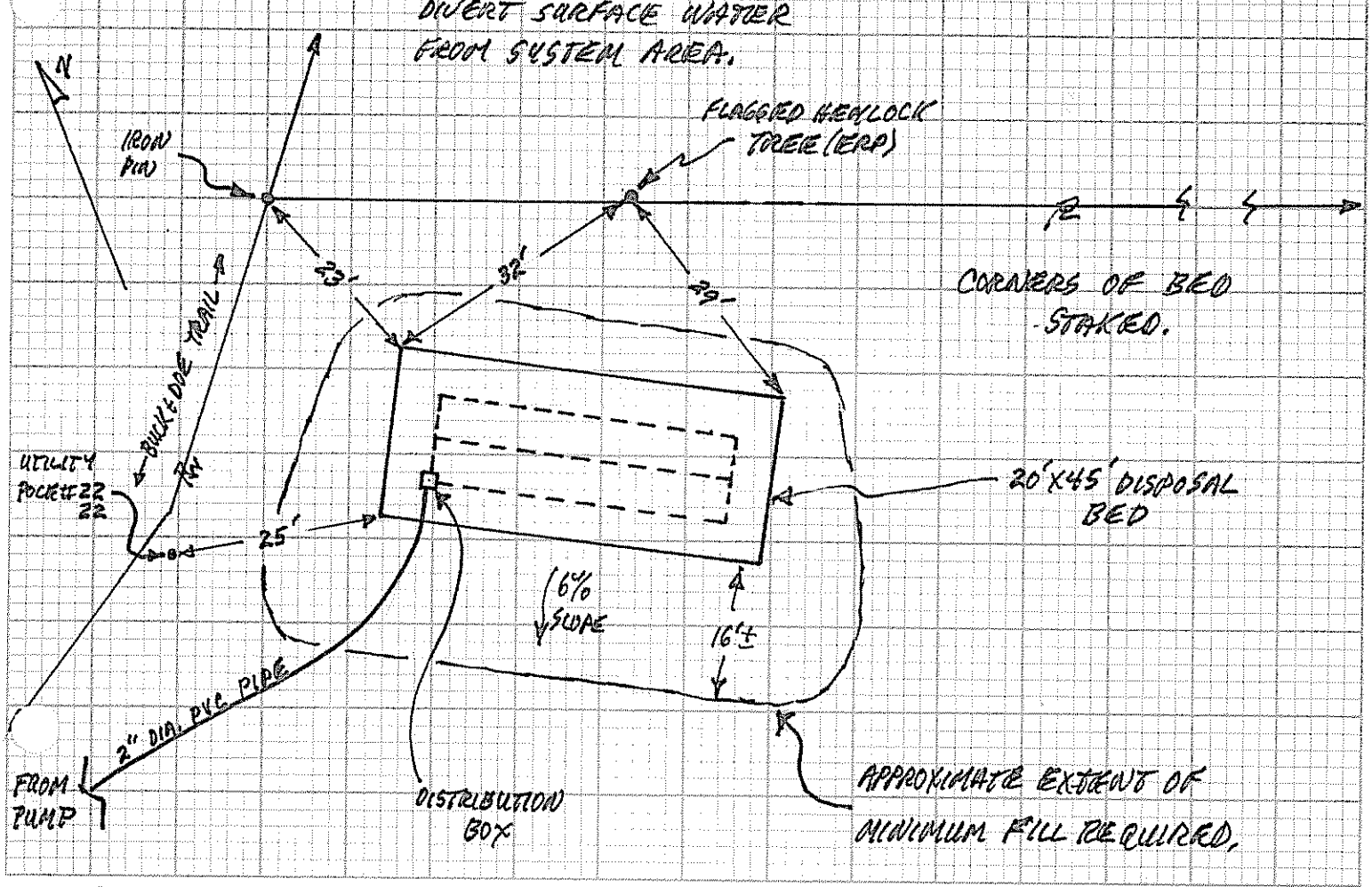
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	14"	Reference Elevation is	0	
Depth of Fill (Downslope)	28±"	Bottom of Disposal Area	-60"	FLAGGED NAIL IN HEMLOCK TREE 24"
		Top of Distribution Lines ~~or Chambers~~	-49"	ABOVE EXISTING GRADE AT TREE.

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = Ft.
Horizontal: 1 Inch = Ft.

(SEE ATTACHED BED DIAGRAM)

Site Evaluator Signature: [signature]

SE#: 168

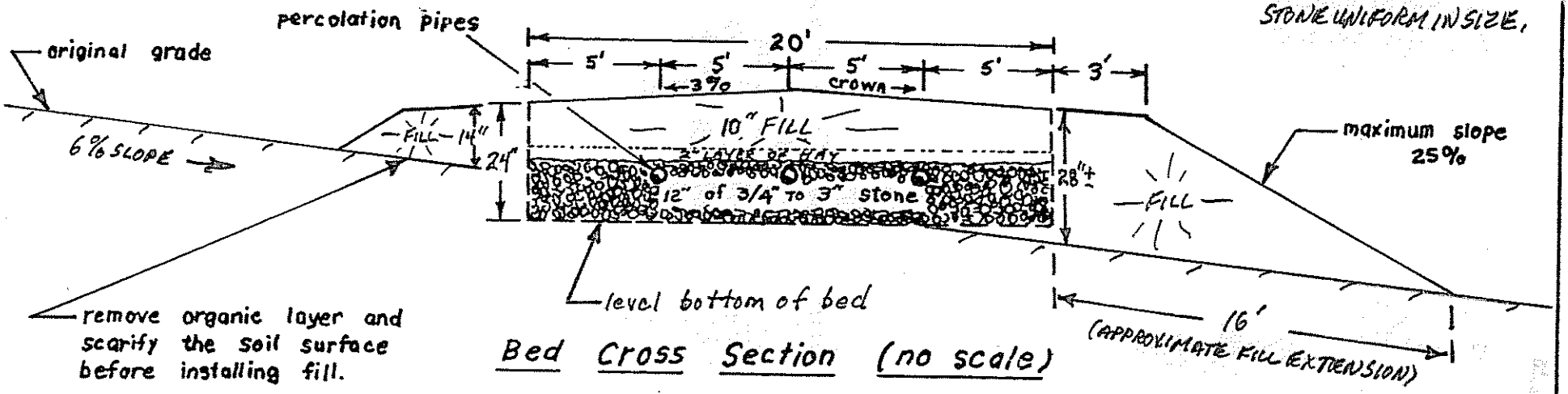
Date: 4/16/89

HHE-200 Rev.1/84

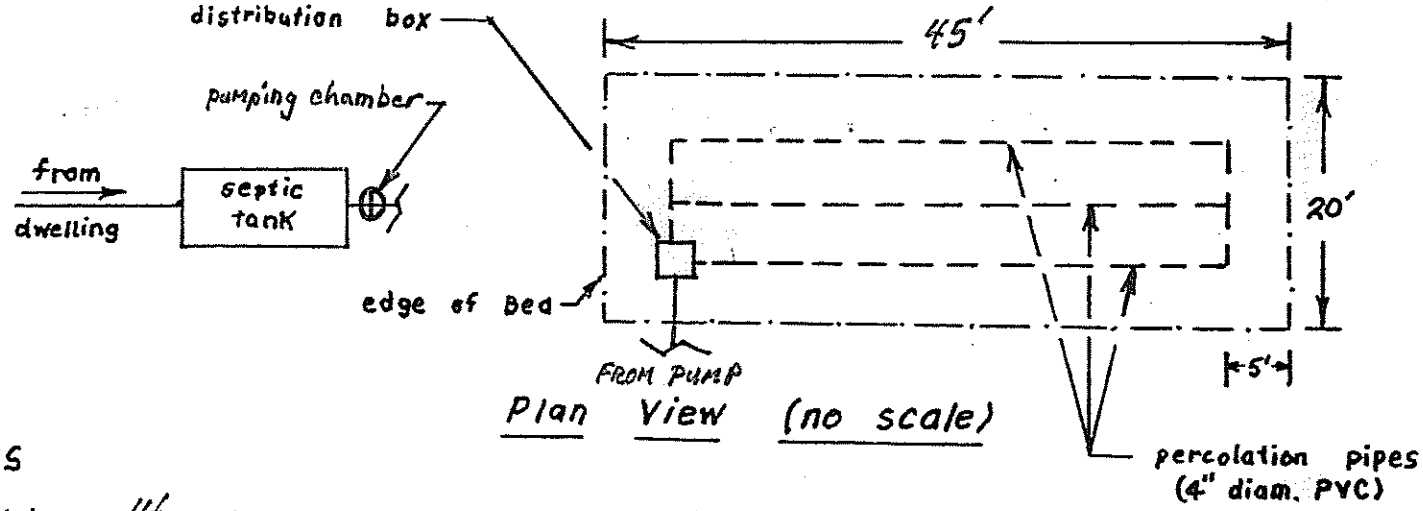
LOAM MULCH TO COVER.

• SEWAGE DISPOSAL BED DETAILS •

BED REQUIRES CLEAN STONE UNIFORM IN SIZE.



Bed Cross Section (no scale)



Plan View (no scale)

NOTES

1.) 14 inches of fill is required at uphill side of bed.
2.) Texture of fill shall be similar to original soil, sandy loam or coarser.
3.) Refer to the MAINE STATE PLUMBING CODE, PART II for further details regarding installation procedures.

FOR: FRED BOOMHOWER

DATE: 4/16/89

BY: JOHN W. LORD, JR. # 168

FOX GLEN - LOTS 160, 161, 352, 10-315, 10-316 A

10/2/89

FRED BOOMHOWER
11 RESERVOIR DRIVE
RANDOLPH MA 02368

GEORGE SOUCY JR CEO

GEORGE:

ENCLOSED YOU WILL FIND 3 COPIES OF THE HHE 200 FORMS, THAT I WISH TO GET RECORDED. MY WIFE & I WERE HOPEING TO USE GAS FOR HEAT + COOKING, ONE OF THE LOG CABIN SALESMEN TOLD US THAT WE COULD USE A PROPHANE GAS TANK INSTALLED IN THE GROUND IF SO COULD YOU PLEASE SEND ME THE RULES + REGULATION THAT WOULD COVER THIS?

THANK YOU FOR YOUR TIME

Fred Boomhower

P.S. DO I NEED A PERMIT TO