

Permit #: _____

TAYLOR COUNTY SANITARY PERMIT APPLICATION
SANITARY NON-PLUMBING DEVICE / SYSTEM / TOILET / UNIT

TAYLOR COUNTY ZONING ADMINISTRATION

224 S. Second Street, Medford WI 54451

In accordance with Chapter Comm 83/91, WI Adm. and Taylor County Private Sewage System Ordinance

APPLICATION INFORMATION - TYPE OR PRINT

Property Owner Name			Property Legal Description		
			GL 1\4, 1\4, Sec. , T N, R E or W		
Property Owner's Mailing Address			Lot Number		Block Number
City	State	Zip Code	Phone Number	Subdivision Name or CSM Number	

TYPE OF BUILDING: (Check one)

<input type="checkbox"/> Public	<input type="checkbox"/> 1 or 2 Family Dwelling - No. of bedrooms _____	<input type="checkbox"/> City	Nearest Road _____
		<input type="checkbox"/> Village	Fire Number _____
		<input type="checkbox"/> Town of _____	
LAND USE: [Explain the use/purpose for this permit, (i.e. campground, cabin, recreation, etc.)]			Parcel Tax Number(s)

TYPE OF NON-PLUMBING DEVICE / SYSTEM / TOILET / UNIT:

<input type="checkbox"/> Privy - Pit Toilet (attach soil test report)	<input type="checkbox"/> Composting Toilet System (Provide manufacturer specifications)	<input type="checkbox"/> Incinerating Toilet Device (Provide manufacturer specifications)
<input type="checkbox"/> Privy - Vault Toilet	<input type="checkbox"/> Other: _____	
Vault size: _____ Gallons or _____ feet (Vault must be a minimum of 200 gallons)		
(PLEASE READ & SIGN THE RESPONSIBILITY STATEMENT & SANITARY NON-PLUMBING AGREEMENT BELOW)		

RESPONSIBILITY STATEMENT & SANITARY NON-PLUMBING AGREEMENT:

I, the undersigned, assume responsibility for the installation of the non-plumbing sanitary system for which this permit is issued. I further agree that any dwelling in conjunction with this permit will not be provided with indoor plumbing and/or water hookup. I will use the non-plumbing system indicated as a means of waste disposal, and I will carry water to and from the structure. I understand that before indoor plumbing and water hook ups are installed the proper State and County Permits will be applied for. I further understand that any deviations from the above will constitute a violation of the Taylor County Zoning Ordinance and would subject me to the penalties of the Ordinance. By signing this application I am also granting permission to the zoning department personnel to enter my property at any reasonable time for the purpose of inspection to assure compliance with zoning laws relative to the issuance of this permit.

Owner's Name: (Print)	Owner's Signature
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OFFICE USE ONLY:

<input type="checkbox"/> Approved	Permit Fee:	Date Issued:	Issuing Agent Signature:
<input type="checkbox"/> Denied	\$75.00		
<input type="checkbox"/> Withdrawn			

COMMENTS:

CONDITIONS OF APPROVAL / REASONS DENIED:

Attach an 8.5" X 11" plot plan drawing showing structure, proposed privy/toilet, well (if applicable), North, public road, driveway, lake or waterway. Show distances between objects.

TAYLOR COUNTY RECOMMENDATIONS FOR
THE CONSTRUCTION OF THE
SANITARY PRIVY

I. Location

A. Privies shall be located at a minimum horizontal distance of:

1. 25' from habitable buildings
2. 10' from slab constructed accessory buildings
3. 75' from navigable waters and watercourses
4. 10' from sideyard lot lines
5. Setbacks from highways are as follows:

<u>Class of Highway</u>	<u>From Centerline</u>	<u>From R-O-W</u>
a. State or Federal	110'	50' whichever is greater
b. County	75'	42' whichever is greater
c. Town	55'	22' whichever is greater
d. Private	25'	-----

6. 50' from water supply well
7. 3' from above high ground water or bedrock (unless equipped with watertight vault)

II. General Requirements

- A. All privy buildings should be fly tight and vermin proof.
- B. Privies should be provided with concrete floors and risers and the interior painted.
- C. Privies should be provided with a suitable approach, such as concrete, gravel, or cinder.
- D. The entire installation should be kept clean and sanitary. Freshly slaked lime or other equally effective disinfectants shall be used in the vault at frequent intervals. Floors, walls, seats and urinals should be scrubbed as often as possible. The vault should be cleaned out at proper intervals and the wastes properly disposed of in accordance with NR 113 , Wis. Adm. Code.
- E. All windows, ventilators, and other openings should be screened with 16 mesh screening to prevent entrance of insects.

III. Foundation and Vault Requirements

- A. The outer base of the privy should be banked with earth.
- B. Concrete or cement block foundation walls should extend six inches above the ground and twelve inches below the ground to prevent entrance by insects and vermin.

- C. The bottom of open pits shall be at least three feet above bedrock or high groundwater level unless the pit is equipped with a permanently water tight vault such as concrete or steel.
- D. An exterior vermin-tight access opening, for cleaning of vault, should be provided where water tight vault has been installed.

IV. Privy Ventilation Requirements

- A. Vaults should be ventilated with a pipe of at least three inches in diameter which terminates at least 8 inches above the roof of the privy and is provided with an effective ventilating hood.

V. Superstructure Requirements

- A. Walls and ceilings should be completely covered with smooth plastic, galvanized metal, wood or other suitable materials, provided joints are properly sealed.
- B. Steel or masonry buildings are acceptable if properly constructed.

VI. Additional Suggestions

- A. Privy doors should swing and be self-closing.
- B. Privy seats should be provided with hinged covers.
- C. Privies for public buildings shall comply with Comm 91, Wis. Adm. Code.
- D. A privy vault shall be constructed of watertight plastic, fiberglass, coated steel or monolithic concrete. Privy construction shall comply with Comm 91.12 Wis. Adm. Code, and Taylor County recommendations for the construction of a sanitary privy.
- E. The privy shall be kept clean and sanitary. The contents of the pit or vault shall be disposed in accordance with NR 113, Wis. Adm. Code. Privy abandonment shall be in accordance with Comm 91.12(5) Wis. Adm. Code.
- F. Refer to attached information pertaining to Comm 91.10, Composting Toilets; Comm 91.11, Incinerating Toilets; and Comm 91.12, Privies.
- G. This application shall be binding on the owner, their heirs and assignees.

Chapter SPS 391

SANITATION

SPS 391.01	Purpose.
SPS 391.02	Scope.
SPS 391.03	Definitions.
SPS 391.04	Registrations.
SPS 391.10	Composting toilet systems.

SPS 391.11	Incinerating toilets.
SPS 391.12	Privies.
SPS 391.13	Portable restrooms.
SPS 391.14	Equal speed of access to toilets.
SPS 391.20	Incorporation of standards by reference.

Note: Chapter Comm 91 was renumbered chapter SPS 391 under s. 13.92 (4) (b) 1., Stats., Register December 2011 No. 672.

SPS 391.01 Purpose. This chapter has the following purposes:

(1) This chapter establishes minimum standards and criteria for the design, installation and maintenance of sanitation systems and devices which are alternatives to water-carried waste plumbing fixtures and drain systems so that these sanitation systems and devices are safe and will safeguard public health and the waters of the state.

(2) This chapter establishes criteria for equal speed of access to toilets for each gender in restrooms serving an amusement facility and a specialty event center where the public congregates.

Note: Chapter SPS 361 to 366 relating to commercial buildings and structures specifies the minimum number of toilet facilities for women and men.

Note: Chapter SPS 390 relating to swimming pools and water attractions contains minimum number of toilet facilities for women and men.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00; CR 04-072: am. Register July 2005 No. 594, eff. 1-1-06.

SPS 391.02 Scope. (1) This chapter has the following applications:

(a) This chapter applies to all composting toilet systems, incinerating toilets, pit privies and vault privies installed or constructed on or after the effective date of this chapter.

(b) This chapter applies to separate-gender restrooms serving an amusement facility and a specialty event center where the public congregates that are constructed or altered as specified in s. SPS 391.14.

(2) The provisions of this chapter are not retroactively applied to existing installations unless specifically stated in the administrative rule.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00; CR 04-072: am. (1) Register July 2005 No. 594, eff. 1-1-06; correction in (1) (b) made under s. 13.92 (4) (b) 7., Stats., Register December 2011 No. 672.

SPS 391.03 Definitions. In this chapter:

(1) "Amusement facility" has the meaning given in s. 101.128 (1) (a), Stats.

Note: Section 101.128 (1) (a), Stats., reads as follows:

"Amusement facility" means any zoo, state or local park, amusement or theme park, state fair park, county or other local fairgrounds, or any similar facility, as determined by department rule.

(2) "Composting toilet system" means a method that collects, stores and converts by bacterial digestion nonliquid-carried human wastes or organic kitchen wastes, or both, into humus.

(3) "Department" means the department of safety and professional services.

(4) "Facility where the public congregates" has the meaning given in s. 101.128 (1) (b), Stats.

Note: The relevant portions of section 101.128 (1) (b), Stats., read as follows: "Facility where the public congregates" means any of the following that has a general capacity or a seating capacity of 500 or more persons:

1. An amusement facility
3. A specialty event center.

(5) "Incinerating toilet" means a self-contained device for the treatment of nonliquid carried wastes that deposits the wastes

directly into a combustion chamber, reduces the solid portion to ash and evaporates the liquid portion.

(6) "Pit privy" means an enclosed nonportable toilet into which nonwater-carried human wastes are deposited to a subsurface storage chamber that is not watertight.

(7) "Portable restroom" means a self-contained portable unit that includes fixtures, incorporating holding tank facilities, designed to receive human excrement.

(8) "Specialty event center" has the meaning given in s. 101.128 (1) (g), Stats.

Note: Section 101.128 (1) (g), Stats., reads as follows:

"Specialty event center" means an open arena used for rallies, concerts, exhibits or other assemblies, with no permanent structure for such assembly.

(9) "Vault privy" means an enclosed nonportable toilet into which nonwater-carried human wastes are deposited to a subsurface storage chamber that is watertight.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00; CR 04-072: renum. (1) to (6) to be (2), (3), (5) to (7) and (9), cr. (1), (4) and (8), Register July 2005 No. 594, eff. 1-1-06; correction in (3) made under s. 13.92 (4) (b) 6., Stats., Register December 2011 No. 672.

SPS 391.04 Registrations. The installation of a vault privy or a pit privy to serve a state-owned facility shall be registered with the department prior to installation. The registration of a vault privy shall be accompanied by sufficient information to determine compliance with s. SPS 384.25. The registration of a pit privy shall be accompanied by sufficient soil information to determine compliance with s. SPS 383.44 (4) (b).

History: CR 02-129: cr. Register January 2004 No. 577, eff. 2-1-04; correction made under s. 13.92 (4) (b) 7., Stats., Register December 2011 No. 672.

SPS 391.10 Composting toilet systems. (1) The materials, design, construction and performance of a composting toilet system shall conform to NSF Standard 41.

(2) All composting toilet systems shall be listed by a testing agency acceptable to the department.

Note: Listing agencies acceptable to the department include the American Gas Association; Canadian Standards Association; NSF International; Underwriter's Laboratories; and Warnock Hersey.

(3) (a) Components for the storage or treatment of wastes shall be continuously ventilated.

(b) Ventilation ducts or vents for the composting toilet system shall conform to s. SPS 382.31 (16).

Note: See appendix for a reprint of portions of s. SPS 382.31 (16).

(4) (a) The disposal of the compost shall be in accordance with EPA part 503.

(b) The disposal of any liquid from a composting toilet system shall be either to a public sanitary sewer system or a POWTS conforming to ch. SPS 383.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00; correction in (3) (b), (4) (b) made under s. 13.92 (4) (b) 7., Stats., Register December 2011 No. 672.

SPS 391.11 Incinerating toilets. (1) The design, construction and installation of a gas-fired incinerating toilet shall conform to ANSI Z21.61.

(2) The materials, design, construction and performance of an electric-fired incinerating toilet shall conform to NSF Standard 41.

(3) All electric and gas-fired incinerating toilets shall be listed by a testing agency acceptable to the department.

Note: Listing agencies acceptable to the department include the American Gas Association, Canadian Standards Association, NSF International, Underwriter's Laboratories, and Warnock Hersey.

(4) (a) The disposal of the end product shall be of in accordance with 40 CFR Part 503, Standards for the Use or Disposal of Sewage Sludge.

Note: EPA materials relating to EPA 503, including, "Domestic Septage Regulatory Guidance: A Guide to the EPA 503 Rule", are available from the Office of Water Resource, US EPA, 401 M Street SW, Washington D.C. 20460.

(b) The disposal of any liquid from an incinerating toilet shall be either to a public sanitary sewer system or a POWTS conforming to ch. SPS 383.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00; correction in (4) (b) made under s. 13.92 (4) (b) 7., Stats., Register December 2011 No. 672.

SPS 391.12 Privies. (1) (a) The storage chamber of a vault privy shall conform with the requirements of s. SPS 384.25 relating to holding tanks, and shall have a minimum storage capacity of 200 gallons or one cubic yard.

(b) 1. The storage chamber of a pit privy shall be sited and located in soil recognized to provide treatment and dispersal in accordance with s. SPS 383.44 (4) (b).

Note: Chapter SPS 385 establishes procedures for conducting soil evaluations and preparing soil evaluation reports. Section SPS 305.33 delineates the qualifications and certification procedures for individuals who conduct soil evaluations.

2. Governmental units may set standards for the structure above the vault or pit for one- and two-family dwellings.

3. Privies for public use shall meet the requirements of this section and chs. SPS 361 to 366.

Note: Chapters NR 811 and 812 establish minimum separation distances between a pit or vault privy and a potable well. Chapters NR 811 and 812 are administered by the department of natural resources.

(c) The storage chamber of a vault privy shall be anchored to prevent flotation caused by saturated soil conditions.

(2) (a) The storage chamber of a pit or vault privy shall be provided with a vent for the purpose of relieving explosive gases.

(b) The vent serving the storage chamber of a privy shall be:

1. At least 3 inches in diameter;

2. Installed in accordance with s. SPS 382.31 (16) (a) to (f); and

3. Fabricated or provided with screening to prevent insects from entering the storage chamber.

(3) The servicing of a vault privy relative to the pumping, transporting and disposal of the contents shall be in accordance with ch. NR 113.

(4) The abandonment of a vault privy shall be accomplished by:

(a) Having the contents of the storage chamber pumped and disposed of in accordance with ch. NR 113;

(b) Removing the entire top of the chamber; and

(c) Filling the remaining portion of the emptied storage chamber with soil or other inert material to an elevation equal to or above the surrounding grade.

(5) The abandonment of a pit privy shall be accomplished by filling the storage chamber with soil or other inert material to an elevation equal to the surrounding grade.

Note: The requirements of the commercial building code, chs. SPS 361 to 366, apply to the structures built over those privies serving public buildings and places of employment.

(6) (a) A privy may not be installed in a floodway.

(b) A privy may be installed in the floodfringe provided that the area is filled to remove it from the floodfringe designation or the vault is flood-proofed.

Note: The department of natural resources determines if filling or flood-proofing is in accordance with current rules in effect for development in a floodfringe area.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00; CR 01-139: am. (1) (b) 3. Register June 2002 No. 558, eff. 7-1-02; correction in (1) (a), (b) 1., 3., (2) (b) 2. made under s. 13.92 (4) (b) 7., Stats., Register December 2011 No. 672.

SPS 391.13 Portable restrooms. (1) The storage chamber of a portable restroom into which human waste is to be deposited shall be watertight.

(2) The entire floor and the side walls to a height of not less than 4 inches of a portable restroom shall be of a material impervious to water.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00.

SPS 391.14 Equal speed of access to toilets.

(1) APPLICATION. This section applies to the toilet fixtures in separate-gender restrooms serving an amusement facility and a specialty events center where the public congregates that are constructed or renovated on or after January 1, 2006 only if one of the following occurs:

(a) New separate-gender restrooms are constructed or separate-gender toilets are provided, in which case this section applies only to the new restrooms.

(b) More than 50% of the square footage of an existing separate-gender restroom is renovated, in which case this section applies only to the renovated portion.

Note: Under section 101.128 (1) (d), Stats., "renovation" means any structural remodeling, improvement or alteration of an existing facility where the public congregates. "Renovation" does not include any of the following:

1. Reroofing.

2. Cosmetic remodeling, including painting or the installation of wall covering, of paneling, of floor covering or of suspended ceilings.

3. An alteration to an electrical or mechanical system."

(2) NUMBER OF TOILET FACILITIES. When separate public restrooms or other toilet facilities are provided for males and females at an amusement facility and a specialty event center where the public congregates, the number of toilets for the females shall be provided at a ratio of 2 for every toilet and every urinal provided for the males.

History: CR 04-072: cr. Register July 2005 No. 594, eff. 1-1-06.

SPS 391.20 Incorporation of standards by reference.

(1) CONSENT. Pursuant to s. 227.21, Stats., the attorney general and the revisor of statutes have consented to the incorporation by reference of the standards listed in sub. (3).

(2) COPIES. Copies of the adopted standards are on file in the offices of the department, the secretary of state and the legislative reference bureau. Copies of the standards may be purchased through the respective organizations listed in sub. (3).

(3) ADOPTION OF STANDARDS. The standards referenced in pars. (a) and (b) are hereby incorporated by reference into this chapter.

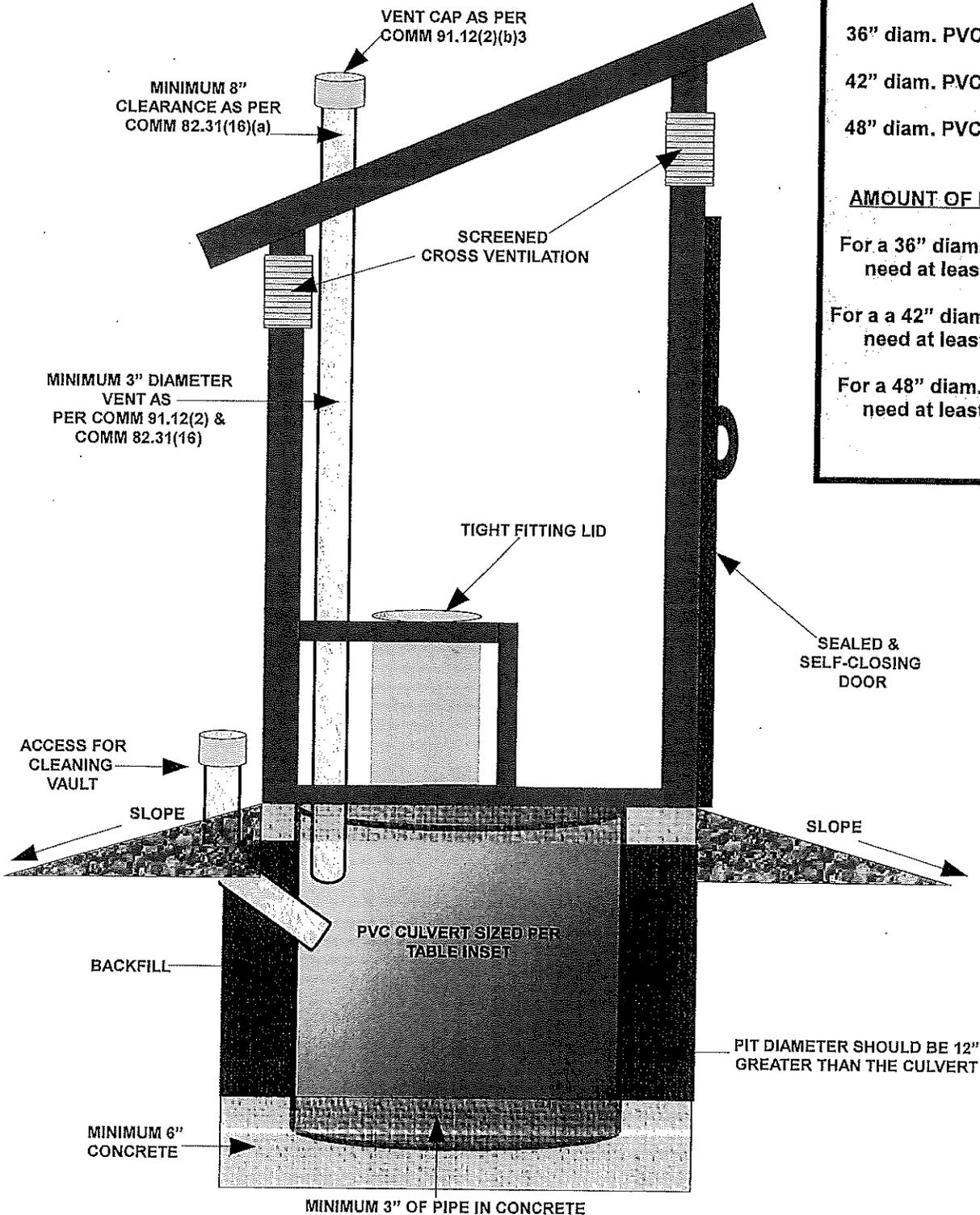
(a) American National Standards Institute, Inc., 1430 Broadway, New York, New York 10018, GAS-FIRED TOILETS, Z21.61-1983.

(b) NSF International, 3475 Plymouth Road, P.O. Box 130140, Ann Arbor, Michigan 48113-0140, NON-LIQUID SATURATED TREATMENT SYSTEMS, NSF 41-1998.

History: Cr. Register, April, 2000, No. 532, eff. 7-1-00; correction in (2) made under s. 13.92 (4) (b) 6., Stats., Register December 2011 No. 672.

Vault Privy: PVC Culvert Option

MINIMUM 200 GALLON VAULT



PVC SIZING TABLE

36" diam. PVC = 52.85gal./ft.

42" diam. PVC = 71.93gal./ft.

48" diam. PVC = 93.96gal./ft.

AMOUNT OF PVC NEEDED

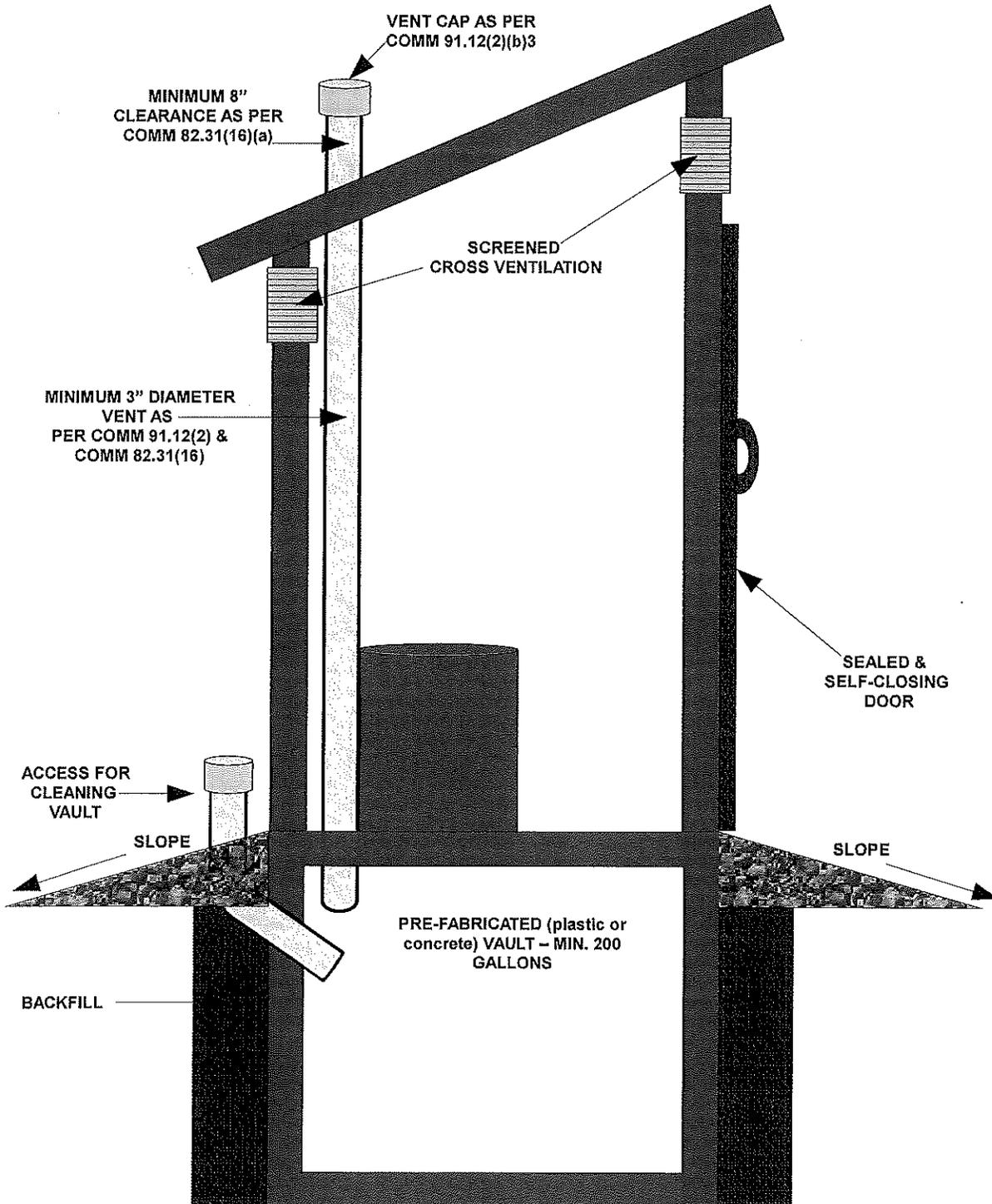
For a 36" diam. PVC, you will need at least 51" length

For a 42" diam. PVC, you will need at least 39" length

For a 48" diam. PVC, you will need at least 29" length

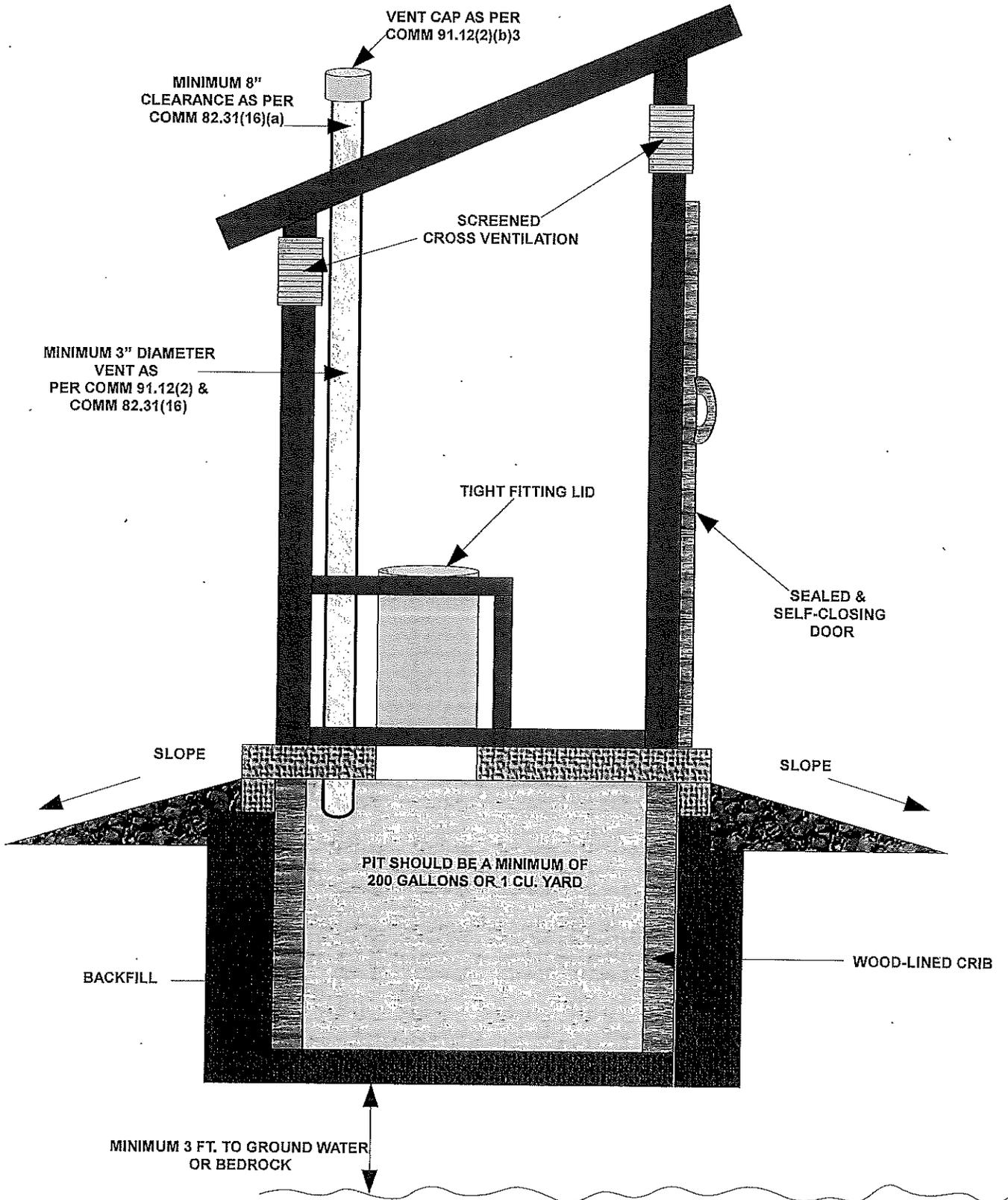
Vault Privy: Pre-Fab Option

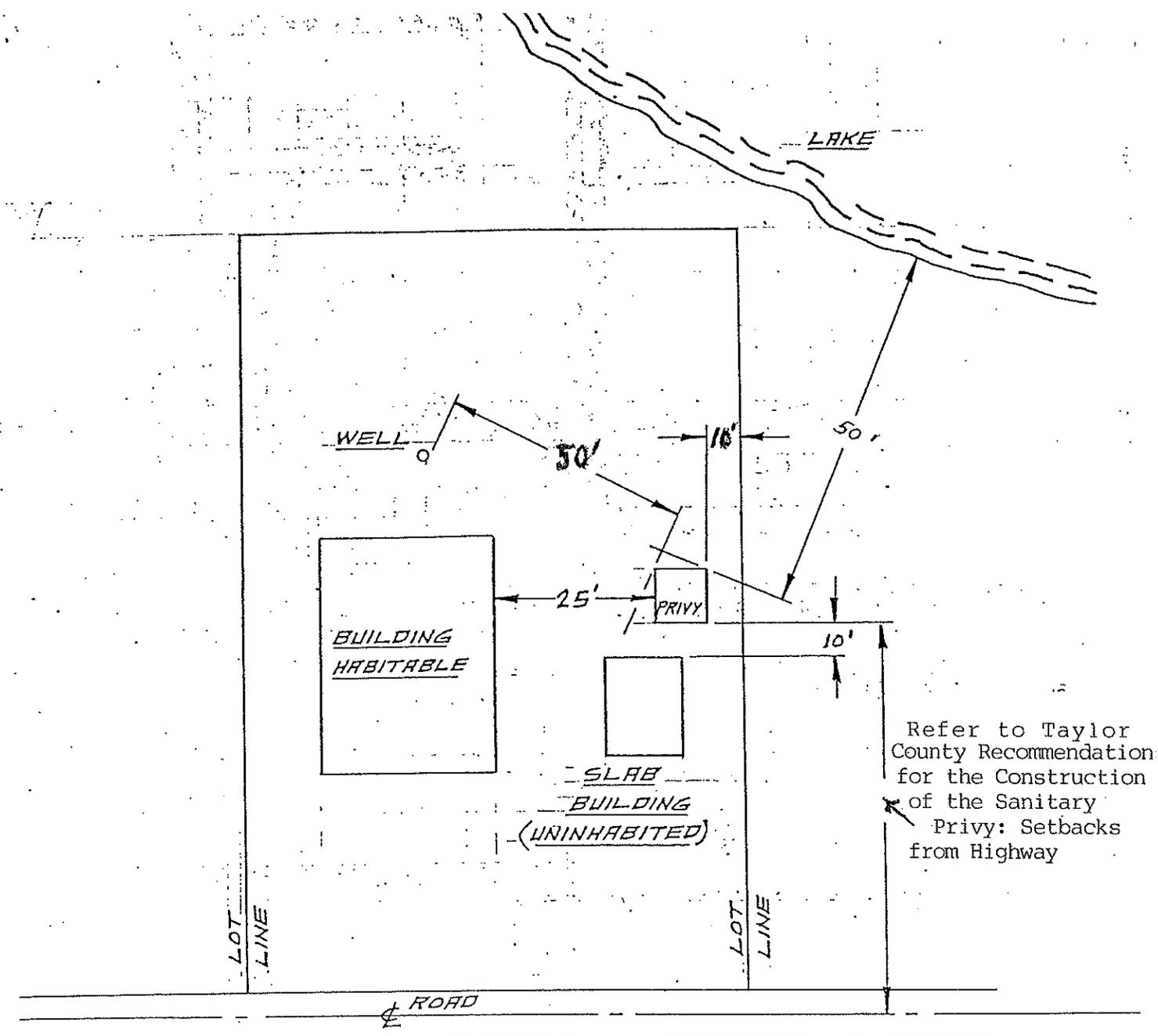
MINIMUM 200 GALLON VAULT



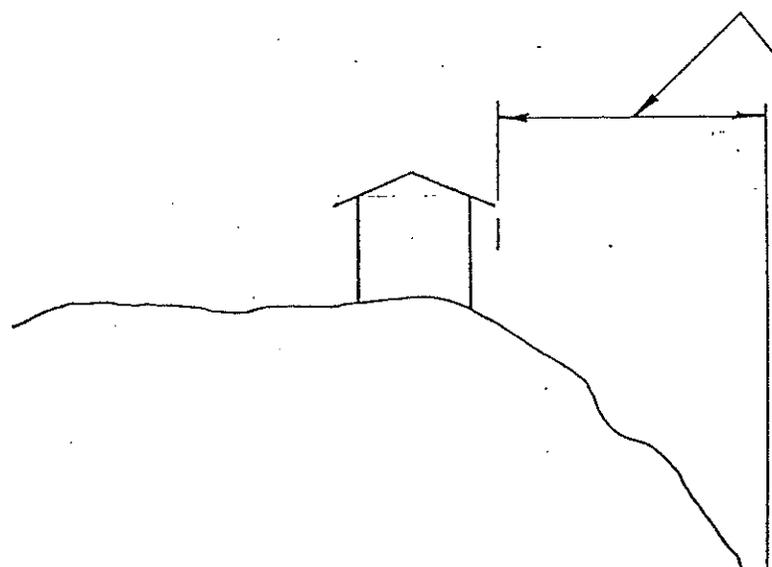
Pit Privy Option

MINIMUM 200 GALLON or 1 CU. YARD





Refer to Taylor County Recommendation for the Construction of the Sanitary Privy: Setbacks from Highway



NOTE:—
ALL SETBACK DISTANCES ARE HORIZONTAL MEASUREMENTS FROM FURTHEST EXTENSION OF THE STRUCTURE

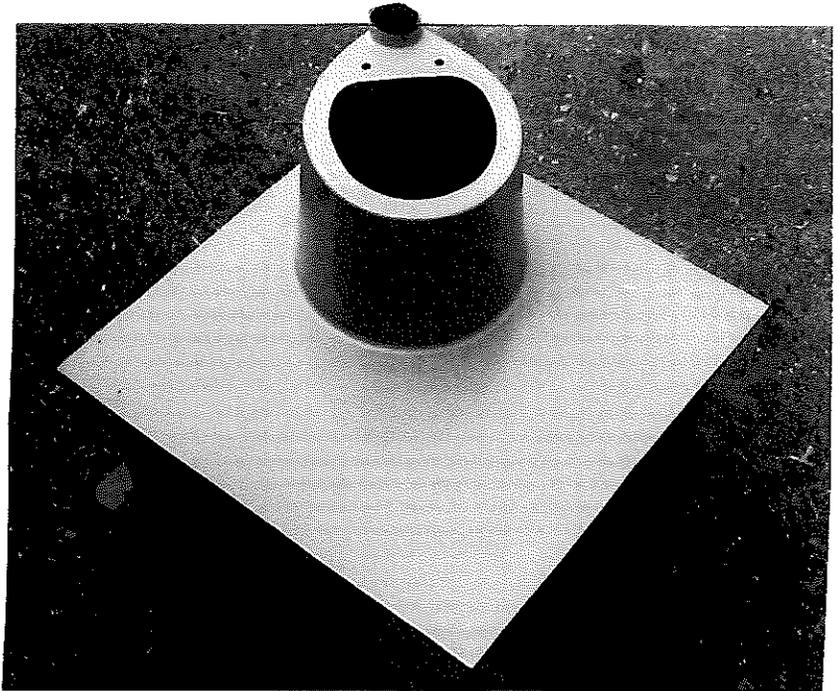
KITTLESON'S INC.* 2401 27TH ST * RICE LAKE, WISCONSIN 54868 (715)234-4657
www.kittlesonsinc.com

Sample
of product
that can
be used.

FIBERGLASS PRIVY VAULT

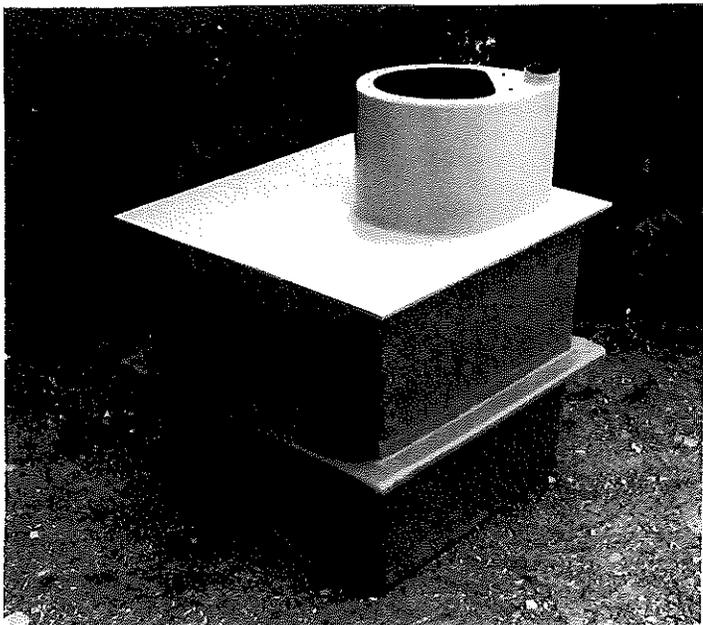
(Approximately 36" Square - 36" Deep)
(Approximately 200 Gallons Approximately 120 pounds)

- *Rodent Resistant
- *No Rotting



Gelcoated, Reinforced Fiberglass Floor (40" Square) and Toilet Stool with 4" Vent Permanently Bonded to Vault.

Uses Standard Seat (not included)



******* Can be hauled in pickup or trailer.**