

PRE-DRAFT

MEPA/NEPA/HB495 CHECKLIST

PART I. PROPOSED ACTION DESCRIPTION

1. **Type of Proposed State Action** New latrine installation at Madison River fishing access site.
2. **Agency Authority for the Proposed Action** The 1977 Montana Legislature enacted statute 87-1-605 which directs FWP to acquire, develop and operate a system of fishing accesses. The legislature established an earmarked funding account to ensure that this function would be accomplished.
3. **Name of Project** Milwaukee Road Fishing Access Site Latrine Installation.
4. **Name, Address and Phone Number of Project Sponsor (if other than the agency)**

FWP sponsored.
5. **If Applicable:**

Estimated Construction/Commencement Date Spring, 1997.
Estimated Completion Date Spring, 1997.
Current Status of Project Design (% complete) 80%.
6. **Location Affected by Proposed Action (county, range and township)**
Milwaukee Road Fishing Access Site (FAS), 2 miles east of Three Forks, Montana.
Gallatin County, T02N, R03E, Section 30. Total site acreage = 7.34 acres.
7. **Project Size: Estimate the number of acres that would be directly affected that are currently:**

(a) Developed: residential __ acres industrial __ acres	(d) Floodplain __ acres
(b) Open Space/Woodlands/ Recreation . <u>less than 1</u> acre	(e) Productive: irrigated cropland __ acres dry cropland __ acres forestry __ acres rangeland __ acres other __ acres
(c) Wetlands/Riparian Areas __ acres	
8. **Map/site plan: attach an original 8 1/2" x 11" or larger section of the most recent USGS 7.5' series topographic map showing the location and boundaries of the area that would be affected by the proposed action. A different map scale may be substituted if more appropriate or if required by agency rule. If available, a site plan should also be attached.**

Vicinity and site maps attached.

9. Narrative Summary of the Proposed Action or Project including the Benefits and Purpose of the Proposed Action.

The proposed action is to install a latrine in the Milwaukee Road FAS. The proposed location within the site is shown on the attached site map. The latrines are pre-cast concrete superstructures (with aggregate finish) and vaults and are disabled accessible if appropriate construction and landscaping guidelines are adhered to (see attached construction plans). Excavation of 10 - 12 cubic yards of soil is necessary to bury the 825 gallon concrete vault. The new latrine would be designated as a unisex facility.

The purpose and benefit of the proposed action is to provide toilet facilities for park and site users in order to maintain a safe, sanitary and healthful environment where concentrated numbers of recreationists are attracted.

10. Listing of any other Local, State or Federal agency that has overlapping or additional jurisdiction.

(a) Permits:

<u>Agency Name</u>	<u>Permit</u>	<u>Date Filed/#</u>
County Engineer or County Sanitarian	Flood Plain construction permit	3 - 4 weeks in advance of installation
County Engineer or County Sanitarian	Flood Plain sealed vault septic system permit	3 - 4 weeks in advance of installation

(b) Funding:

<u>Agency Name</u>	<u>Funding Amount</u>
FWP	\$6000

(c) Other Overlapping or Additional Jurisdictional Responsibilities:

<u>Agency Name</u>	<u>Type of Responsibility</u>
State Historical Preservation Office Gallatin County	Cultural Clearance Permits (listed above)

11. List of Agencies Consulted During Preparation of the EA:

N/A

PART II. ENVIRONMENTAL REVIEW

PHYSICAL ENVIRONMENT

1. LAND RESOURCES	IMPACT [*]				Can Impact Be Mitigated [*]	Comment Index
	Will the proposed action result in:	Unknown [*]	None	Minor [*]		
▶ a. Soil instability or changes in geologic substructure?			X			
b. Disruption, displacement, erosion, compaction, moisture loss, or over-covering of soil which would reduce productivity or fertility?			X			
▶ c. Destruction, covering or modification of any unique geologic or physical features?			X			
d. Changes in siltation, deposition or erosion patterns that may modify the channel of a river or stream or the bed or shore of a lake?			X			
e. Exposure of people or property to earthquakes, landslides, ground failure, or other natural hazard?			X			
f. Other <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

PHYSICAL ENVIRONMENT

AIR	IMPACT [*]				Can Impact Be Mitigated [*]	Comment Index
	Will the proposed action result in:	Unknown [*]	None	Minor [*]		
▶ a. Emission of air pollutants or deterioration of ambient air quality? (also see 13 (c))			X			
b. Creation of objectionable odors?			X			
c. Alteration of air movement, moisture, or temperature patterns or any change in climate, either locally or regionally?			X			
d. Adverse effects on vegetation, including crops, due to increased emissions of pollutants?			X			
e. ♦ For P-R/D-J projects, will the project result in any discharge which will conflict with federal or state air quality regs? (Also see 2a)			X			
f. Other <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Air Resources (Attach additional pages of narrative if needed):

- ⊛ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- ▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

3. <u>WATER</u> Will the proposed action result in:	IMPACT [*]				Can Impact Be Mitigated ^{**}	Comment Index
	Unknown [*]	None	Minor [*]	Potentially Significant		
▶ a. Discharge into surface water or any alteration of surface water quality including but not limited to temperature, dissolved oxygen or turbidity?		X				
b. Changes in drainage patterns or the rate and amount of surface runoff?		X				
c. Alteration of the course or magnitude of flood water or other flows?		X				
d. Changes in the amount of surface water in any water body or creation of a new water body?		X				
e. Exposure of people or property to water related hazards such as flooding?		X				
f. Changes in the quality of groundwater?		X				
g. Changes in the quantity of groundwater?		X				
h. Increase in risk of contamination of surface or groundwater?		X				
i. Effects on any existing water right or reservation?		X				
j. Effects on other water users as a result of any alteration in surface or groundwater quality?		X				
k. Effects on other users as a result of any alteration in surface or groundwater quantity?		X				
l. ♦♦For P-R/D-J, will the project affect a designated floodplain? (Also see 3c)		X				
m. ♦For P-R/D-J, will the project result in any discharge that will affect federal or state water quality regulations? (Also see 3a)		X				
n. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Water Resources (Attach additional pages of narrative if needed):

- ⊛ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- ▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

4. VEGETATION Will the proposed action result in:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Changes in the diversity, productivity or abundance of plant species (including trees, shrubs, grass, crops, and aquatic plants)?			X		yes	see 4a. below
b. Alteration of a plant community?		X				
c. Adverse effects on any unique, rare, threatened, or endangered species?		X				
d. Reduction in acreage or productivity of any agricultural land?		X				
e. Establishment or spread of noxious weeds?			X		yes	see 4e. below
f. ♦♦For P-R/D-J, will the project affect wetlands, or prime and unique farmland?		X				
g. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Vegetation Resources (Attach additional pages of narrative if needed):

- 4a. An approximately 8 foot by 8 foot area will be subject to excavation for the latrine vault. Plant species will be eliminated within the excavation area. In most cases, grass species will be involved. All areas surrounding the latrine, disturbed during installation, will be graded and seeded with native grasses.
- 4e. Areas disturbed during the excavation for latrine vault placement become prone to the establishment of noxious weeds. Native grass seed is planted at the conclusion of each project to revegetate the site and provide competition to reduce the establishment of noxious weed species. In addition, ongoing weed control efforts (mechanical and chemical) will target disturbed areas until adequate ground cover has returned in place.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

~ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

▶ 5. <u>FISH/WILDLIFE</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Deterioration of critical fish or wildlife habitat?		X				
b. Changes in the diversity or abundance of game animals or bird species?		X				
c. Changes in the diversity or abundance of nongame species?		X				
d. Introduction of new species into an area?		X				
e. Creation of a barrier to the migration or movement of animals?		X				
f. Adverse effects on any unique, rare, threatened, or endangered species?		X				
g. Increase in conditions that stress wildlife populations or limit abundance (including harassment, legal or illegal harvest or other human activity)?		X				
h. ♦♦For P-R/D-J, will the project be performed in any area in which T&E species are present, and will the project affect any T&E species or their habitat? (Also see 5f)		X				
i. ♦For P-R/D-J, will the project introduce or export any species not presently or historically occurring in the receiving location? (Also see 5d)		X				
j. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Fish/Wildlife Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

6. <u>NOISE/ELECTRICAL EFFECTS</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Increases in existing noise levels?			X			see 6a. below
b. Exposure of people to serve or nuisance noise levels?		X				
c. Creation of electrostatic or electromagnetic effects that could be detrimental to human health or property?		X				
d. Interference with radio or television reception and operation?		X				
e. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Noise/Electrical Resources (Attach additional pages of narrative if needed):

6a. Temporary increases in noise levels can be expected during the excavation and placement of latrine due to the heavy equipment (i.e., backhoe, hoist truck, etc.) used to complete the project. The construction period is normally of a short (2 to 4 hour) duration.

⊛ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

7. <u>LAND USE</u> Will the proposed action result in:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Alteration of or interference with the productivity or profitability of the existing land use of an area?		X				
b. Conflicted with a designated natural area or area of unusual scientific or educational importance?		X				
c. Conflict with any existing land use whose presence would constrain or potentially prohibit the proposed action?		X				
d. Adverse effects on or relocation of residences?		X				
e. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

8. <u>RISK/HEALTH HAZARDS</u> Will the proposed action result in:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Risk of an explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals, or radiation) in the event of an accident or other forms of disruption?		X				
b. Affect an existing emergency response or emergency evacuation plan or create a need for a new plan?		X				
c. Creation of any human health hazard or potential hazard?		X				
d. ♦For P-R/D-J, will any chemical toxicants be used? (Also see 8a)		X				
e. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Risk/Health Hazards (Attach additional pages of narrative if needed):

- ☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- ◆ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

9. <u>COMMUNITY IMPACT</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Alteration of the location, distribution, density, or growth rate of the human population of an area?		X				
b. Alteration of the social structure of a community?		X				
c. Alteration of the level or distribution of employment or community or personal income?		X				
d. Changes in industrial or commercial activity?		X				
e. Increased traffic hazards or effects on existing transportation facilities or patterns of movement of people and goods?		X				
f. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluation.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Community Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

10. <u>PUBLIC SERVICES/TAXES/UTILITIES</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Will the proposed action have an effect upon or result in a need for new or altered governmental services in any of the following areas: fire or police protection, schools, parks/recreational facilities, roads or other public maintenance, water supply, sewer or septic systems, solid waste disposal, health, or other governmental services? If any, specify:		X				
b. Will the proposed action have an effect upon the local or state tax base and revenues?		X				
c. Will the proposed action result in a need for new facilities or substantial alterations of any of the following utilities: electric power, natural gas, other fuel supply or distribution systems, or communications?		X				
d. Will the proposed action result in increased used of any energy source?		X				
▶ e. Define projected revenue sources.						see 10e. below
▶ f. Define projected maintenance costs.						see 10f. below
g. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluation.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Public Services/Taxes/Utilities (Attach additional pages of narrative if needed):

10e. The revenue source for this project is FWP's license account.

10f. Latrine maintenance costs average \$300 per year depending on distance personnel have to travel to service a particular unit and vandalism levels. FWP operations budgets are used to maintain and clean latrines.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

▶ 11. <u>AESTHETICS/RECREATION</u> /ill the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Alteration of any scenic vista or creation of an aesthetically offensive site or effect that is open to public view?		X				
b. Alteration of the aesthetic character of a community or neighborhood?		X				
▶ c. Alteration of the quality or quantity of recreational/tourism opportunities and settings?			X			see 11c. below
d. ♦For P-R/D-J, will any designated or proposed wild or scenic rivers, trails or wilderness areas be impacted? (Also see 11a, 11c)		X				
e. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluation.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Aesthetics/Recreation (Attach additional pages of narrative if needed):

11c. Installation of a latrine at a heavily used site positively alters recreational tourism opportunities and settings as scattered human waste is reduced which enhances sanitation and cleanliness of the site.

HUMAN ENVIRONMENT

12. <u>CULTURAL/HISTORICAL RESOURCES</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Destruction or alteration of any site, structure or object of prehistoric historic, or paleontological importance?		X				see 12a. below
b. Physical change that would affect unique cultural values?		X				
c. Effects on existing religious or sacred uses of a site or area?		X				
d. ♦♦For P-R/D-J, will the project affect historic or cultural resources? Attach SHPO letter of clearance. (Also see 12.a)		X				
e. Other: <u>N/A</u>						

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluation.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Cultural/Historical Resources (Attach additional pages of narrative if needed):

12a. The site was surveyed for cultural resources by GLM in 1992, with 24GA984, the Milwaukee Railroad being recorded. Based on a site visit and the Cultural Resource Report, the railroad bed is no longer intact at this location and installing a vault latrine will not affect Site 24GA984. See attached SHPO clearance letter.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

13. SUMMARY EVALUATION OF SIGNIFICANCE Will the proposed action, considered as a whole:	IMPACT*				Can Impact Be Mitigated*	Commen+ Index
	Unknown*	None	Minor*	Potentially Significant		
a. Have impacts that are individually limited, but cumulatively considerable? (A project or program may result in impacts on two or more separate resources which create a significant effect when considered together or in total.)		X				
b. Involve potential risks or adverse effects which are uncertain but extremely hazardous if they were to occur?		X				
c. Potentially conflict with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan?		X				
d. Establish a precedent or likelihood that future actions with significant environmental impacts will be proposed?		X				
e. Generate substantial debate or controversy about the nature of the impacts that would be created?		X				
f. ♦For P-R/D-J, is the project expected to have organized opposition or generate substantial public controversy? (Also see 13e)		X				
g. ♦♦For P-R/D-J, list any federal or state permits required.		X				

* include an attachment with a narrative explanation describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

- ☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- ▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

2. Description and analysis of reasonable alternatives (including the no action alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:

Alternative 1 (No Action). Under this alternative, a latrine would not be installed at this site. The site would continue to be degraded by human wastes and discarded paper products. Health, sanitation and cleanliness issues would be ignored. Site users would continue to request latrine facilities and criticize FWP for not being responsive to user's needs.

Alternative 2, Install Latrine In Another Location On Site. Under this alternative a latrine would be installed in a different location on-site, than that indicated under the proposed action. Factors that must be considered in locating a latrine include the following:

- A. Distance from water (must be at least 50 feet and can be more if required by County Sanitarian).
- B. Reduce visibility from river, stream, lake, to the extent possible.
- C. Correct directional facing (preferably door should face south or southwest) to activate odor control venting.
- D. Cultural (archaeologic) or historic concerns.
- E. Site use patterns.
- F. Convenience to users.
- G. Proximity to roads and boat ramp.
- H. Minimize vegetation removal.
- I. Avoid wetlands or other sensitive areas.

3. Evaluation and listing of mitigation, stipulation, or other control measures enforceable by the agency or another government agency:

Mitigation measures are listed and discussed in the checklist portion of the EA.

4. Based on the significance criteria evaluated in this EA, is an EIS required? YES **NO** if an EIS is not required, explain why the EA is the appropriate level of analysis for this proposed action:

This review has clearly demonstrated that the impacts associated with this project are not significant. The net result of the proposed work is a positive improvement to the human and natural environment. Due to the insignificant impacts of this proposed action an EA is the appropriate level of analysis and an EIS is not required.

5. Describe the level of public involvement for this project if any and, given the complexity and the seriousness of the environmental issues associated with the proposed action, is the level of public involvement appropriate under the circumstances?

The appropriate level of public involvement for this proposed action is the distribution of the EA to FWP's standard distribution list and publication of legal notices publicizing the availability of the EA in the Bozeman Daily Chronicle and Helena Independent Record. Comment duration will be stated in the legal notices.

6. Duration of comment period if any:

30 days, August 19, 1996 through September 20, 1996.

7. Name, title, address and phone number of the Person(s) Responsible for Preparing the EA:

Jerry Walker, Regional Park Manager
Montana Fish, Wildlife & Parks, Region 3
1400 S. 19th Ave.
Bozeman, MT 59715
(406) 994-4042

PART III. NARRATIVE EVALUATION AND COMMENT

DRAFT

HB495 EXEMPTION FORM

Use this form when a park improvement or development project meets the criteria identified in 12.8.602 (1) ARM, but determined to NOT significantly change park features or use patterns.

State Park or Fishing Access Site Project Description:

Installation of latrine at Milwaukee Road Fishing Access Site on Madison River, 2 miles east of Three Forks, Montana.

The improvement or development project does not significantly change park or fishing access site features or use patterns. Provide the reason for exemption across from the appropriate item.

12.8.602 (ARM) (1)	Reason for Exemption
(a) Roads/trails	
(b) Buildings	Vault latrines exempt
(c) Excavation	Less than 20 cubic yards of excavation
(d) Parking	
(e) Shoreline alternations	
(f) Construction into water bodies	
(g) Construction w/impacts on cultural artifacts	No impact to historical/cultural resources
(h) Underground utilities	
(i) Campground expansion	

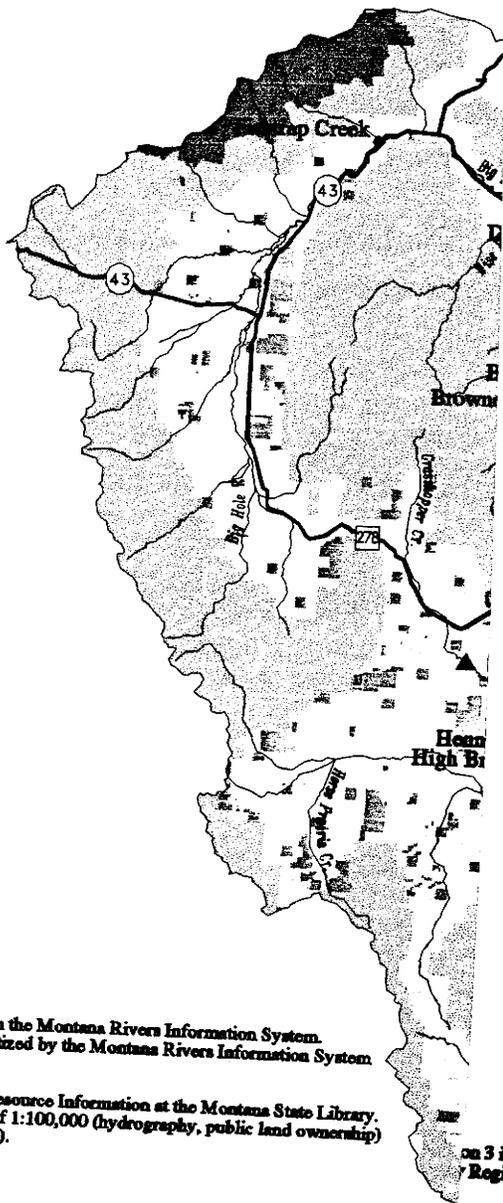
Some activities considered that do not significantly impact site features or use patterns are:

Signing, fencing, barriers, road grading, garbage collection, routine latrine and facility maintenance.

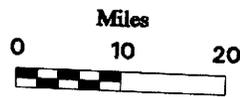
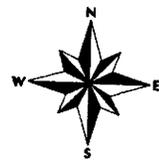
Signature Gerald Walber Date 8/1/96

c: Helena HB 495 Coordinator
Regional Park Manager

STATE FISHING ACCESS SITES



- ◆ State Fishing Access Site*
- ▲ State Park*
- Bureau of Land Management
- ▨ Indian Lands or Reservations
- ▩ National Forest
- National Forest Wilderness
- ▨ National Grasslands
- ▩ National Parks and Monuments
- National Wildlife Refuges
- ▨ State Lands



Scale 1: 1161000
Albers Equal Area Projection

State Fishing Access Sites from the Montana Rivers Information System.
State Fishing Access Sites digitized by the Montana Rivers Information System
at 1:100,000.

Base layers from the Natural Resource Information at the Montana State Library.
Base layers digitized at scales of 1:100,000 (hydrography, public land ownership)
and 1:250,000 (highways, cities).

Produced by:
Jo Schmidt
Montana Fish, Wildlife & Parks
Information Services Unit
490 N. Meridian
Kalispell, MT 59901
(406)-751-4570
/home/spot/gbis/angio/staaa.sml - AS - 5/22/96
/home/spot/gbis/angio/faareg.sml - LB - 03/10/96
r3sfaafr.cmp - 05/21/96

Region 3 is displayed. Hauser Lake-Black Sandy State Park and Park Lake State Fishing Access Site
Region 4 thus they are not displayed. Region 3 parks maintains these two sites.



**Montana Fish,
Wildlife & Parks**



MILWAUKEE ROAD FAS

FRONTAGE ROAD

Three Forks 2 miles

333

MADISON RIVER

NE & NW

NEW LATRINE

PARALLEL PARKING

END of OLD RR GRADE STA.

146+30.04 R/W
S 1709.35 E 2269.74

SE & NW

147+63.72 R/W
S 1760.56' E 2393.27'

148+78.73
S 1802.88

149+16.03
263+11.3
150+05.01 R/W
S 1847.48' E 2618.33'

150+14.31

151+00 R/W

EASEMENT

143+22.20
100'
80'
146+55.55'

100'

80'

INTERSTATE 90

150

170'
S 1883.44'
E 2718.15'

175.99'

180'

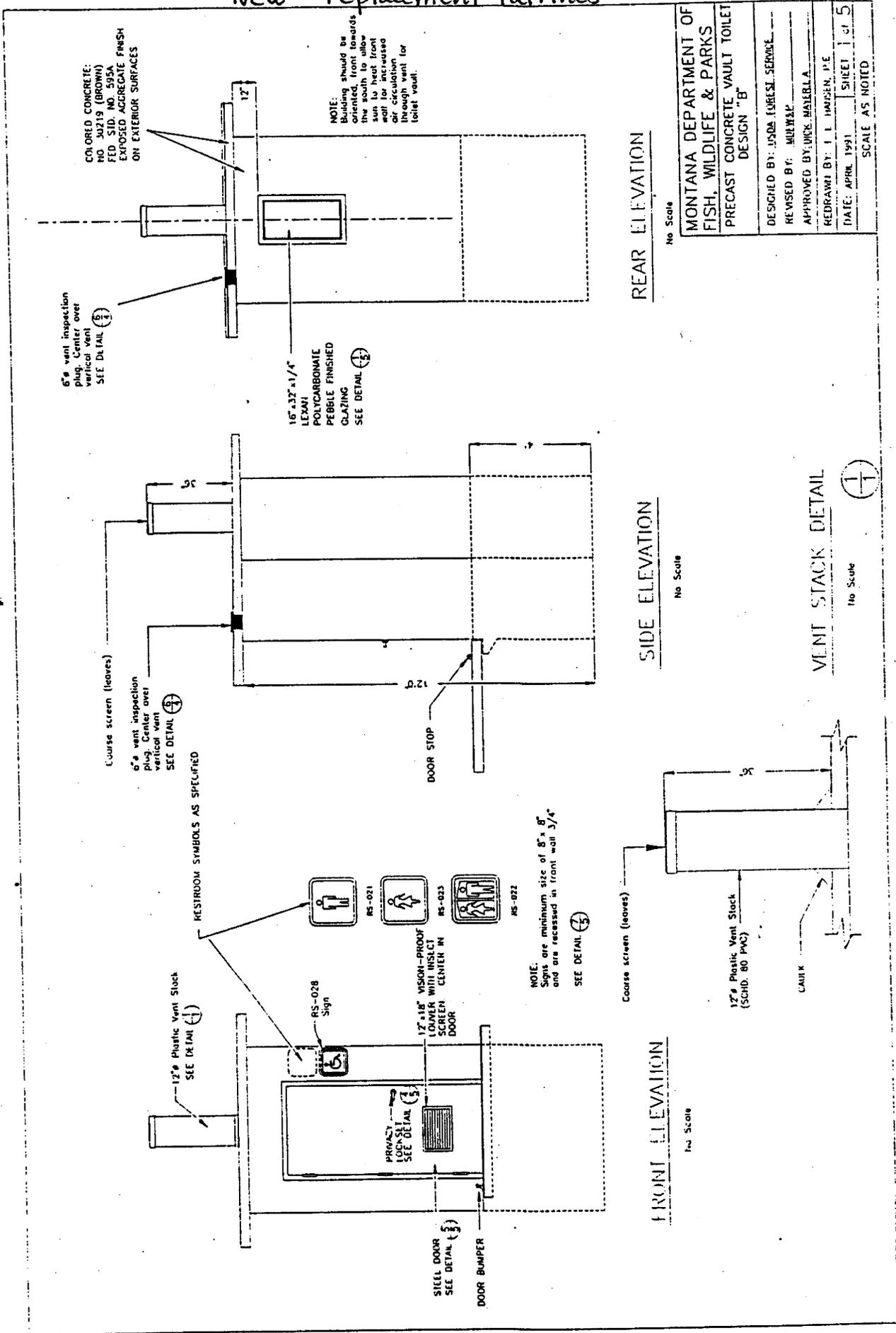
49'

W. ST. PROP.

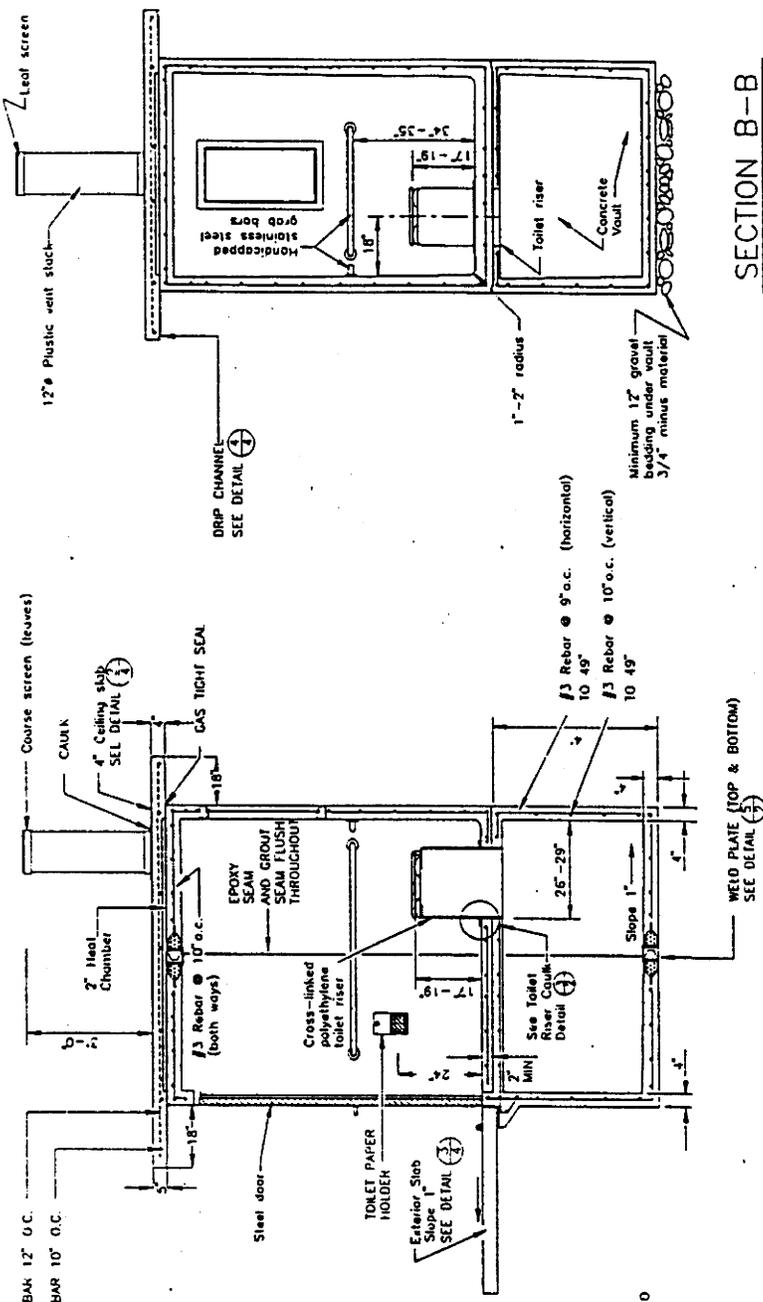
8" PLAT.

COMM. LINES

"New" - replacement latrines



MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS	
PRECAST CONCRETE VAULT TOILET DESIGN "B"	
DESIGNED BY: JUDIA FORESL SERVICE	REVISOR BY: MUEWAP
APPROVED BY: LUCK MAYERLA	REDRAWN BY: I. I. HANSEN, P.E.
DATE: APRIL 1991	SHEET 1 of 5
SCALE AS NOTED	



SECTION B-B
(see note) No Scale

(see note) No Scale

SECTION A-A
(see note) No Scale

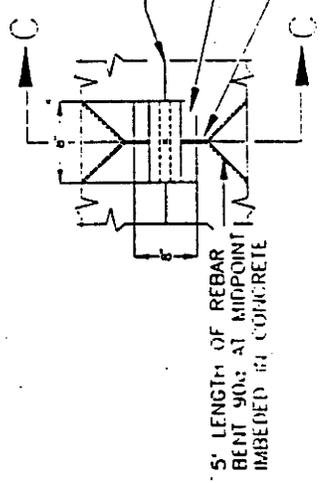
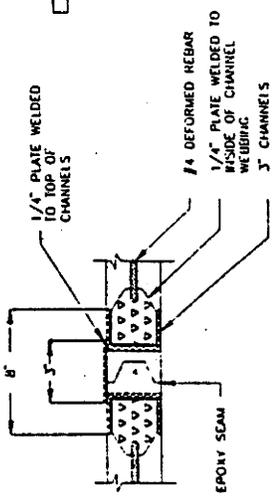
(see note) No Scale

SECTION C-C
No Scale

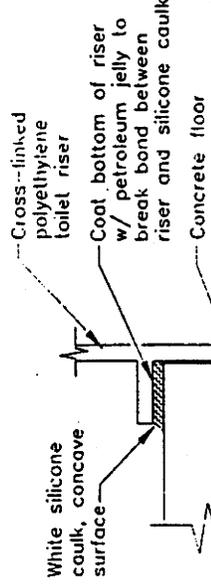
No Scale

NOTE: Thickness of all ceilings and walls shall be at least 4".

NOTE: SLOPE FLOOR FROM BACK WALL OF LATRINE TO DOOR A MINIMUM OF 1". INSTALL COVE WITH 1" TO 2" RADIUS BETWEEN WALL AND FINISH FLOOR

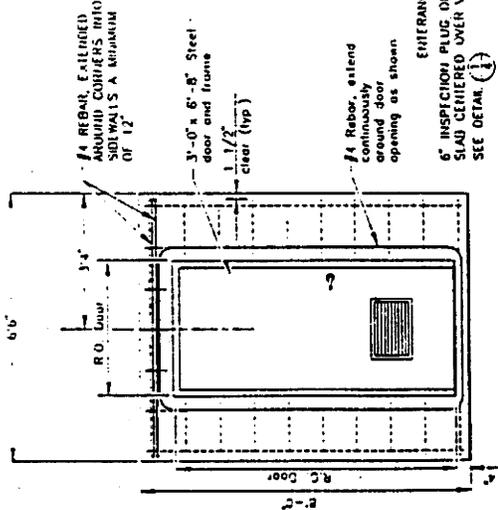


WELD PLATE DETAIL
No Scale



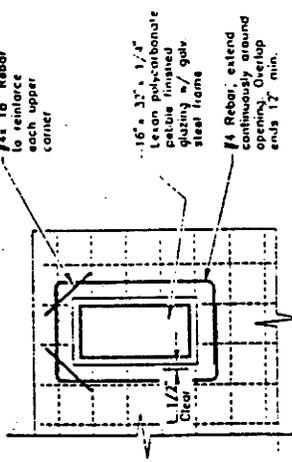
TOILET RISER CAULK DETAIL
No Scale

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
PRECAST CONCRETE VAULT TOILET DESIGN "B"
DESIGNED BY: USUAL FOREST SERVICE
REVISED BY: MCKEY
APPROVED BY: DICK WATERLA
DRAWN BY: T. L. HANSEN, P.E.
DATE: APRN 1991 SHEET 2 of 5
SCALE AS NOTED



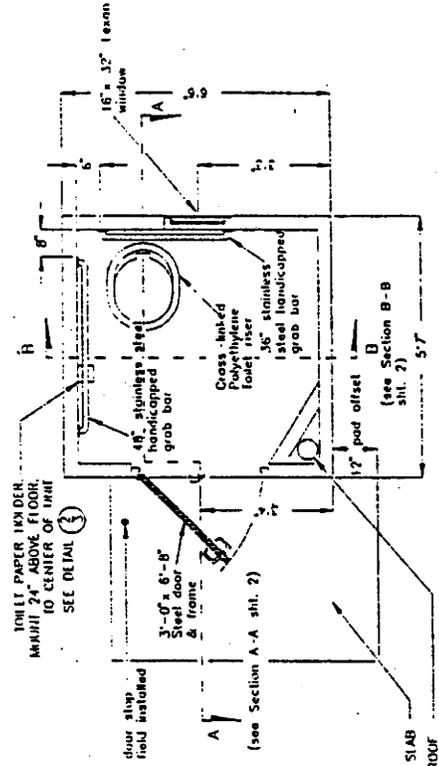
DOOR OPENING / FRONT WALL REINFORCEMENT

No Scale



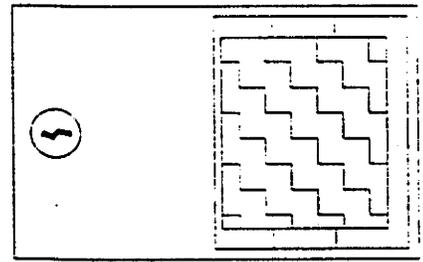
WINDOW OPENING REINFORCEMENT

No Scale



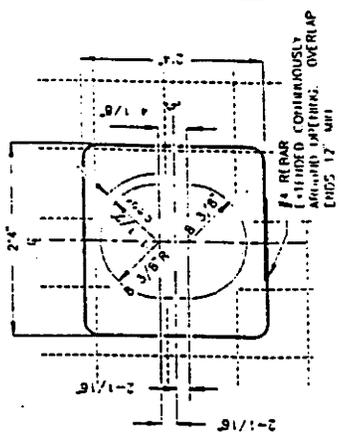
VAULT TOILET FLOOR PLAN

No Scale



TOILET PAPER HOLDER DETAIL (3)

No Scale



TOILET RISER OPENING REINFORCEMENT

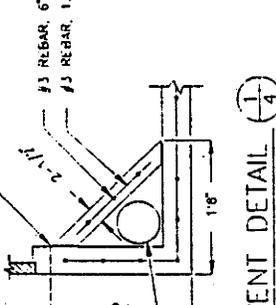
No Scale

BRICK #H-288 SURFACE MOUNTED MULTI ROLL TOILET TISSUE DISPENSER OR APPROVED EQUAL

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
 PRECAST CONCRETE VAULT TOILET DETAIL "B"
 DESIGNED BY USDA FOREST SERVICE
 REVISION BY WFWP
 APPROVED BY D. S. WALKER
 REVISION BY T. L. HANSEN, P.E.
 DATE: APRIL 1981 | SHEET 5 OF 5
 SCALE AS SHOWN

- 1) APPLY ADHESIVE AIR/WATER PERMEABLE MEMBRANE TO INTERIOR JOINT, OR CAST WALL IN PLACE
- 2) GRIND SMOOTH BEFORE PAINTING

1. INSTALL VERTICAL VENT BEFORE PLACING CONCRETE FLOOR.
2. IMBED HORIZONTAL REIN. STEEL A MINIMUM OF 1-1/2" ON ONE END WHEN VENT WALL IS CAST IN PLACE.
3. ALTERNATE IMBEDDED ENDS FROM FLOOR TO CEILING AND FROM CEILING TO FLOOR TO ALLOW FOR AIR MOVEMENT BETWEEN VAULT AND HEAT CHAMBER.



VERTICAL VENT DETAIL (4)

No Scale

CENTER 6" INSPECTION PLUG ON ROOF SLAB OVER VERTICAL VENT

SEE BUILDING SECTIONS ON SHEET 2 FOR COMPLETE STEEL REINFORCEMENT DETAILS.

MINIMUM OF 2" OF CLEARANCE AROUND OPENINGS AND PERIMETER FOR REINFORCING STEEL.

ALL REINFORCEMENT SHOWN IS #3 REBAR

NOTE:

6" INSPECTION PLUG SEE DETAIL (3)

PERIMETER OF HEAT CHAMBER - MATCHES INTERIOR WALL LINE

VENT STACK OPENING

#4 REBAR, EXTENDED CONTINUOUSLY AROUND OPENING. OVERLAP ENDS 12" MINIMUM

8'1" 1'5" 6'6" 5'8" 1'9"

DESIGNED BY: USDA FOREST SERVICE
 REVIEWED BY: MUIWAP
 APPROVED BY: LUCAS MAYERLA
 REGISTERED BY: T. L. HANSEN, P.E.
 DATE: APRIL 1991 SHEET 4 OF 5
 SCALE AS NOTED

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
 PRECAST CONCRETE VAULT TOILET
 DESIGN "B"

ROOF PLAN (4)

No Scale

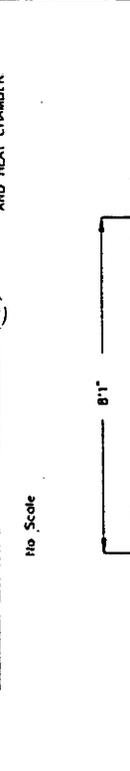
STEEL DOOR FRAME
 DOOR SILL SEAL
 FERROX INTERIOR FLOOR

STEEL DOOR - 1-3/4" THICK
 SILICONE CAULK
 EXTERIOR SLAB SUPPORT

#4 REBAR CONTINUOUS THROUGH-OUT THE SLAB SUPPORT SECTION

#3 REBAR 3" O.C. IN FRONT WALL AND CEILING OF VAULT
 9" O.C. IN OTHER WALLS AND FLOOR OF VAULT

#3 REBAR 5" O.C. IN FRONT WALL AND CEILING OF VAULT
 10" O.C. IN OTHER WALLS AND FLOOR OF VAULT

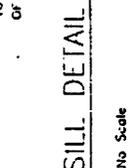


DOOR SILL DETAIL (5)

No Scale

DRIP CHANNEL DETAIL (4)

No Scale



DRIP CHANNEL DETAIL (4)

No Scale

SEE DETAIL (3)

SILL - FLUSH W/SLAB

DOOR STOP
 CAULK
 SLOPE SLAB 1"

#3 REBAR, 9" O.C.
 #3 REBAR, 14" O.C.

ENTRANCE SLAB DETAIL (4)

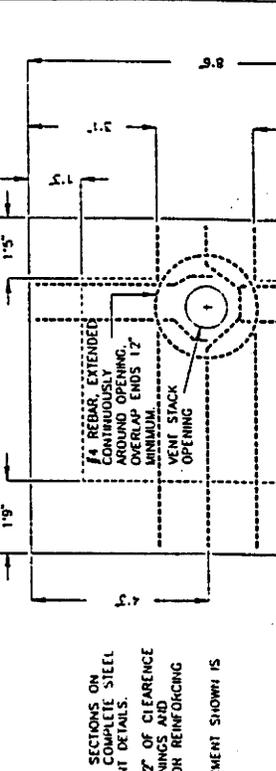
No Scale

PLAN

4'6" (Slab)

6' (Slab)

Roof Plan (4) No Scale



ROOF PLAN (4)

No Scale

6" INSPECTION PLUG SEE DETAIL (3)

PERIMETER OF HEAT CHAMBER - MATCHES INTERIOR WALL LINE

VENT STACK OPENING

#4 REBAR, EXTENDED CONTINUOUSLY AROUND OPENING. OVERLAP ENDS 12" MINIMUM

8'1" 1'5" 6'6" 5'8" 1'9"

DESIGNED BY: USDA FOREST SERVICE
 REVIEWED BY: MUIWAP
 APPROVED BY: LUCAS MAYERLA
 REGISTERED BY: T. L. HANSEN, P.E.
 DATE: APRIL 1991 SHEET 4 OF 5
 SCALE AS NOTED

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
 PRECAST CONCRETE VAULT TOILET
 DESIGN "B"

ROOF PLAN (4)

No Scale

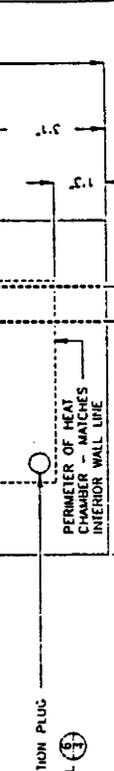
STEEL DOOR FRAME
 DOOR SILL SEAL
 FERROX INTERIOR FLOOR

STEEL DOOR - 1-3/4" THICK
 SILICONE CAULK
 EXTERIOR SLAB SUPPORT

#4 REBAR CONTINUOUS THROUGH-OUT THE SLAB SUPPORT SECTION

#3 REBAR 3" O.C. IN FRONT WALL AND CEILING OF VAULT
 9" O.C. IN OTHER WALLS AND FLOOR OF VAULT

#3 REBAR 5" O.C. IN FRONT WALL AND CEILING OF VAULT
 10" O.C. IN OTHER WALLS AND FLOOR OF VAULT



ENTRANCE SLAB DETAIL (4)

No Scale

DRIP CHANNEL DETAIL (4)

No Scale



DOOR SILL DETAIL (5)

No Scale

SEE BUILDING SECTIONS ON SHEET 2 FOR COMPLETE STEEL REINFORCEMENT DETAILS.

MINIMUM OF 2" OF CLEARANCE AROUND OPENINGS AND PERIMETER FOR REINFORCING STEEL.

ALL REINFORCEMENT SHOWN IS #3 REBAR

NOTE:

6" INSPECTION PLUG SEE DETAIL (3)

PERIMETER OF HEAT CHAMBER - MATCHES INTERIOR WALL LINE

VENT STACK OPENING

#4 REBAR, EXTENDED CONTINUOUSLY AROUND OPENING. OVERLAP ENDS 12" MINIMUM

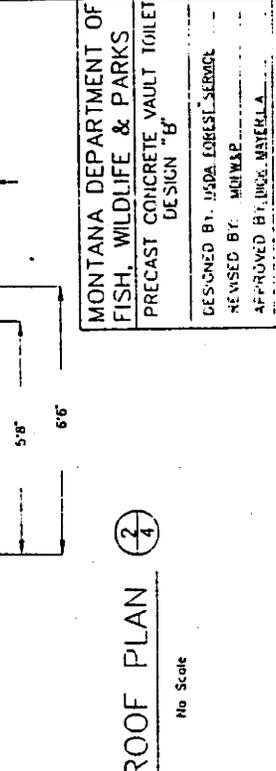
8'1" 1'5" 6'6" 5'8" 1'9"

DESIGNED BY: USDA FOREST SERVICE
 REVIEWED BY: MUIWAP
 APPROVED BY: LUCAS MAYERLA
 REGISTERED BY: T. L. HANSEN, P.E.
 DATE: APRIL 1991 SHEET 4 OF 5
 SCALE AS NOTED

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
 PRECAST CONCRETE VAULT TOILET
 DESIGN "B"

ROOF PLAN (4)

No Scale



VENT INSPECTION PLUG (3)

No Scale

DRIP CHANNEL DETAIL (4)

No Scale



DOOR SILL DETAIL (5)

No Scale

SEE BUILDING SECTIONS ON SHEET 2 FOR COMPLETE STEEL REINFORCEMENT DETAILS.

MINIMUM OF 2" OF CLEARANCE AROUND OPENINGS AND PERIMETER FOR REINFORCING STEEL.

ALL REINFORCEMENT SHOWN IS #3 REBAR

NOTE:

6" INSPECTION PLUG SEE DETAIL (3)

PERIMETER OF HEAT CHAMBER - MATCHES INTERIOR WALL LINE

VENT STACK OPENING

#4 REBAR, EXTENDED CONTINUOUSLY AROUND OPENING. OVERLAP ENDS 12" MINIMUM

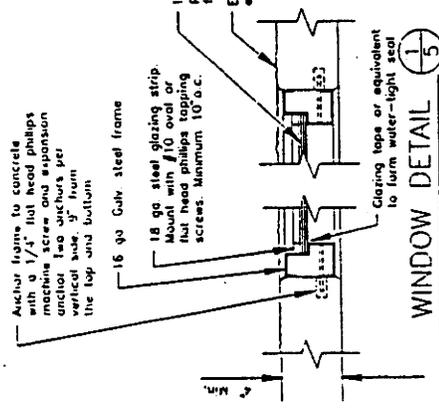
8'1" 1'5" 6'6" 5'8" 1'9"

DESIGNED BY: USDA FOREST SERVICE
 REVIEWED BY: MUIWAP
 APPROVED BY: LUCAS MAYERLA
 REGISTERED BY: T. L. HANSEN, P.E.
 DATE: APRIL 1991 SHEET 4 OF 5
 SCALE AS NOTED

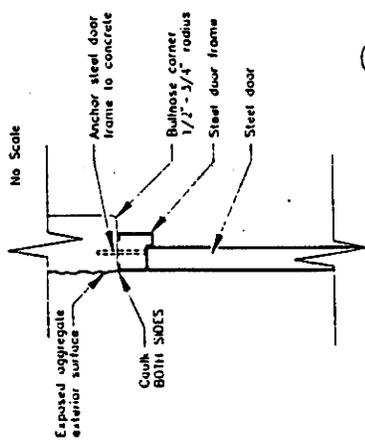
MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
 PRECAST CONCRETE VAULT TOILET
 DESIGN "B"

ROOF PLAN (4)

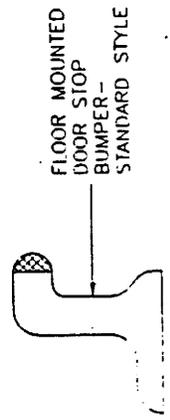
No Scale



WINDOW DETAIL 1/5

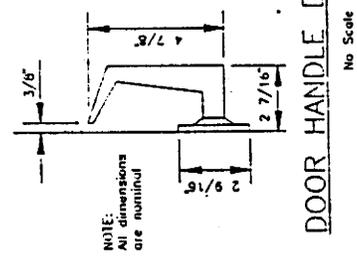


DOOR JAMB DETAIL 2/5

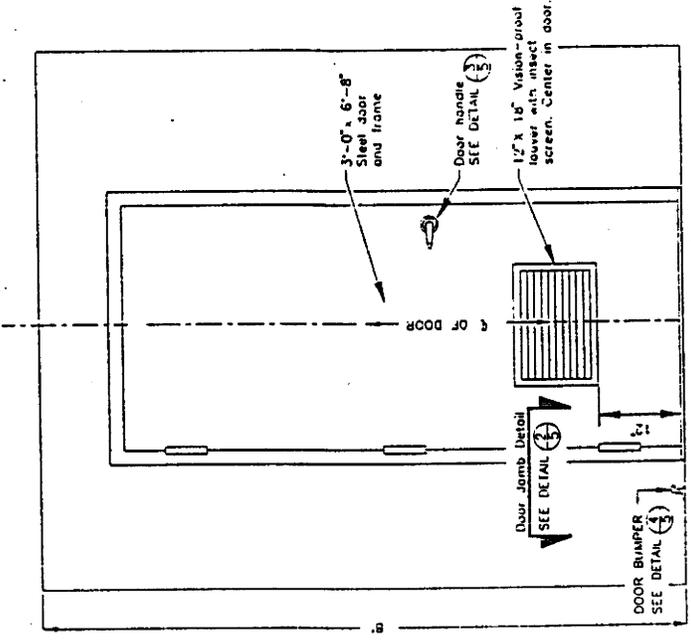


DOOR BUMPER DETAIL 4/5

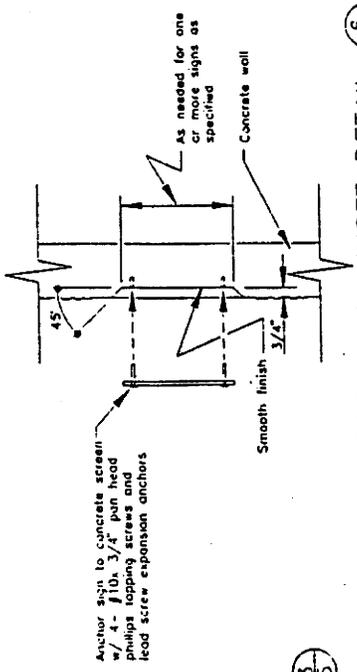
NOTE: INDOOR BUMPER TO BE INSTALLED IN FIELD SUCH THAT DOOR SWING WILL NOT EXCEED 110 DEGREES



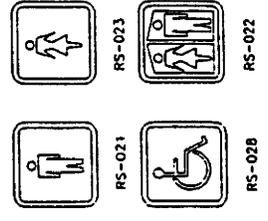
DOOR HANDLE DETAIL 3/5



DOOR DETAIL 5/5



RESTROOM SIGN INSET DETAIL 6/5



SIGN DETAIL 7/5

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
 PRECAST CONCRETE VAULT TOILET DESIGN "B"

DESIGNED BY: SEE FOREST SERVICE
 REVISED BY: VICKI KAP
 APPROVED BY: BILLY MUEHLER, PE
 REDRAWN BY: M. HANSEN, PE
 DATE: APRIL 1997
 SHEET 5 of 5
 SCALE AS NOTED



510 217.1

**Montana Department
of
Fish, Wildlife & Parks**

RECEIVED
DESIGN & CONSTRUCTION
DIVISION
DEPT. OF FISH, WILDLIFE & PARKS



May 29, 1996

Paul Putz
State Historic Preservation
1410 Eight Avenue
Helena, MT 59620

47
22
02

MAY 31 1996

Dear Paul:

The Department of Fish, Wildlife and Parks is proposing to use state funds to install new vault toilets at the following sites.

Dewey FAS - Proposed new vault toilet. This site was surveyed for cultural resources in 1987, with Site 24BE1327 being found. ¹⁶ Because this cultural site is in the project area, we are proposing ⁰⁵ to monitor the excavation of the new vault toilet.

Power House FAS - Proposed new vault toilet. This site has not been surveyed for cultural resources. We will survey this site for cultural resources prior to installation of vault toilet. ⁰⁹ ⁰⁵

Pennington Bridge FAS - Proposed new vault toilet. This site has not been surveyed for cultural resources. We will survey this site for cultural resources prior to installation of vault toilet. ⁰⁹ ⁰⁵

Milwaukee Road FAS - T2N, R2E, Sec. 30, This site was surveyed for cultural resources by GLM in 1992, with 24GA984, the Milwaukee Rail ¹⁶ Road being recorded. The Dept. of Fish, Wildlife and Parks proposes ⁰³ to install a vault toilet in the parking area on the east side of the river. Based on a site visit and the Cultural Resource Report, the railroad bed is no longer intact at this location and installing a vault toilet will not affect Site 24GA984.

Please review each of these proposed projects and provide us with your comments.

Sincerely,

PAUL VALLE
Cultural Resources Coordinator
Field Services Division
co

CONCUR
MONTANA SHPO

DATE 6.4.96 SIGNED