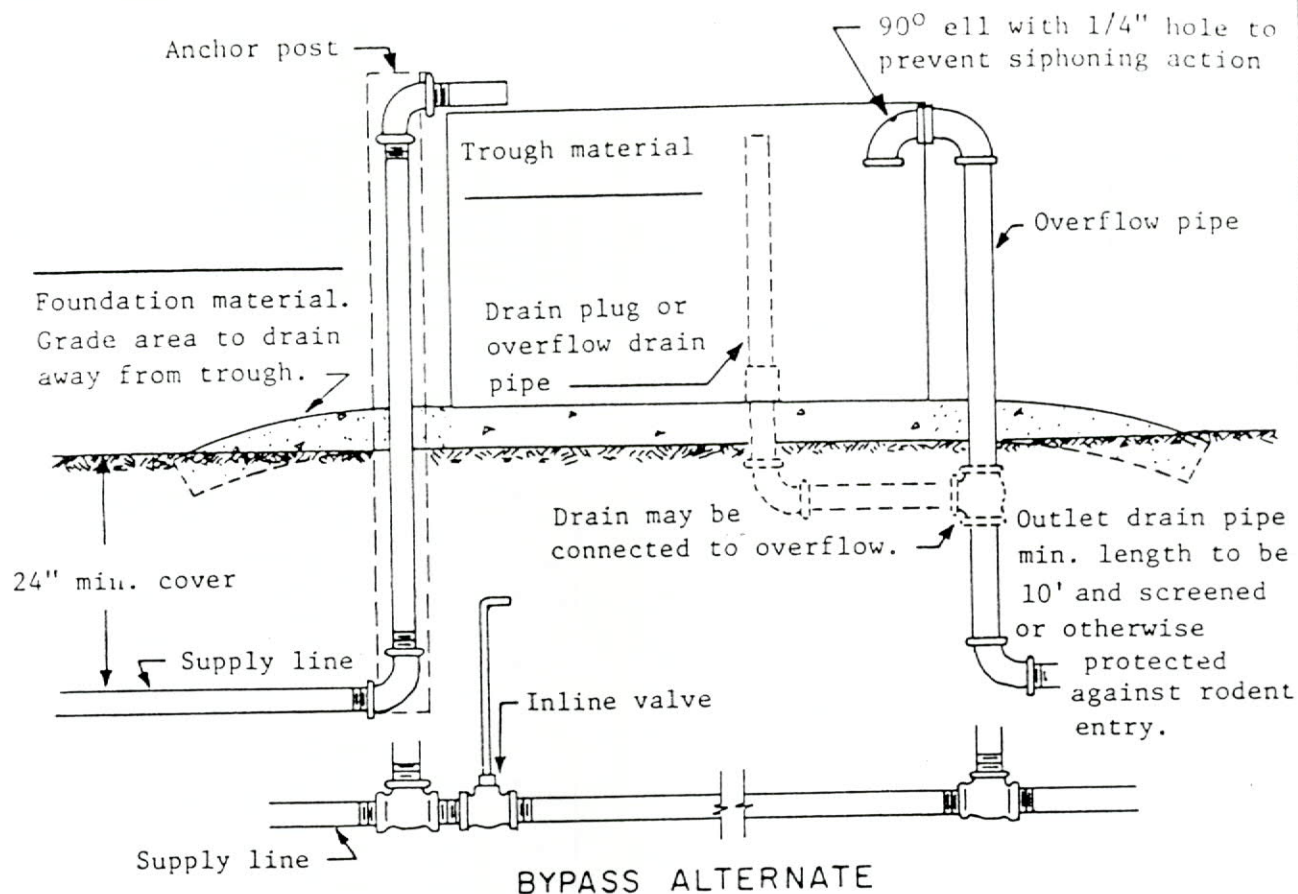


TROUGH PIPING DETAIL

TROUGH

Length X width or diam. _____

Depth _____

Capacity _____ gal.

PIPESupply riser _____
diameter-material-lengthOverflow _____
diameter-material-lengthOutlet _____
diameter-material-length

Outlet protection _____

I have reviewed the plans and specifications and agree to construct this project to the best of my ability in accordance with them.

Date: _____
Cooperator

CONSTRUCTION SPECIFICATIONS

ID-SS-E _____, **MICROFILMED**

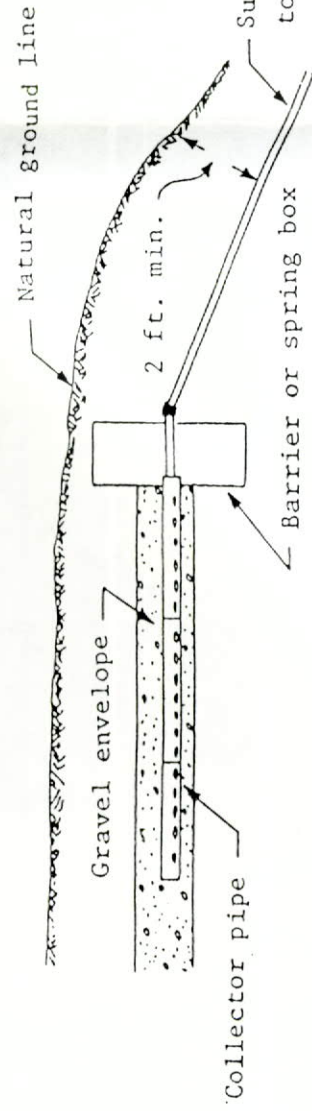
TROUGH OR TANK

COOPERATOR _____
_____ SCD _____ CO., IDAHO

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

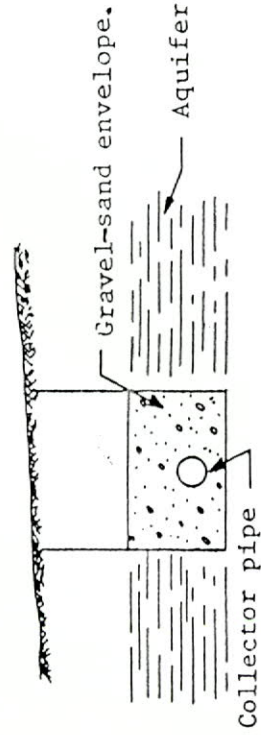
Designed _____	Drawn _____	Traced _____	Checked _____	Approved by _____ Title _____
			Special _____	Revising No. _____

JAN 29 2001



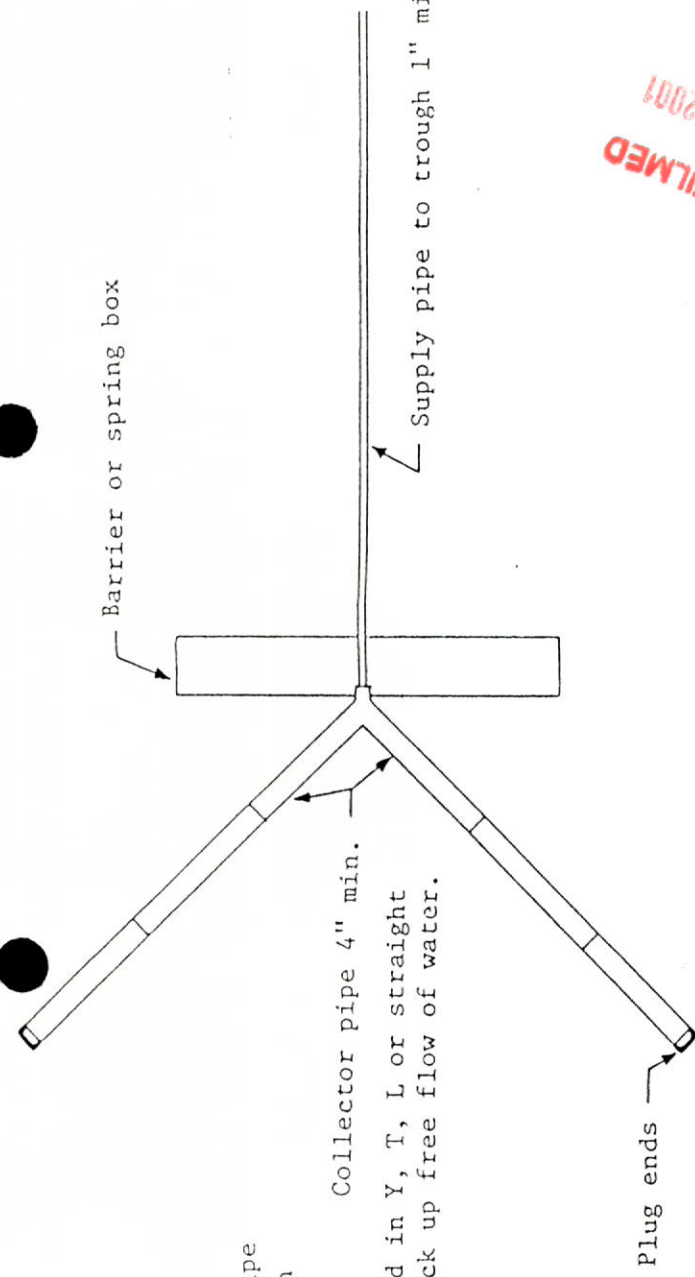
ELEVATION

Can be installed in Y, T, L or straight line to best pick up free flow of water.



TRENCH DETAIL

Spring box to be used when water emerges in one spot or with collection system above. Box may be concrete or metal pipe.



SCHEMATIC LAYOUT

MICROFILMED
JAN 29 2001

Box: _____ (Material) _____

Size _____

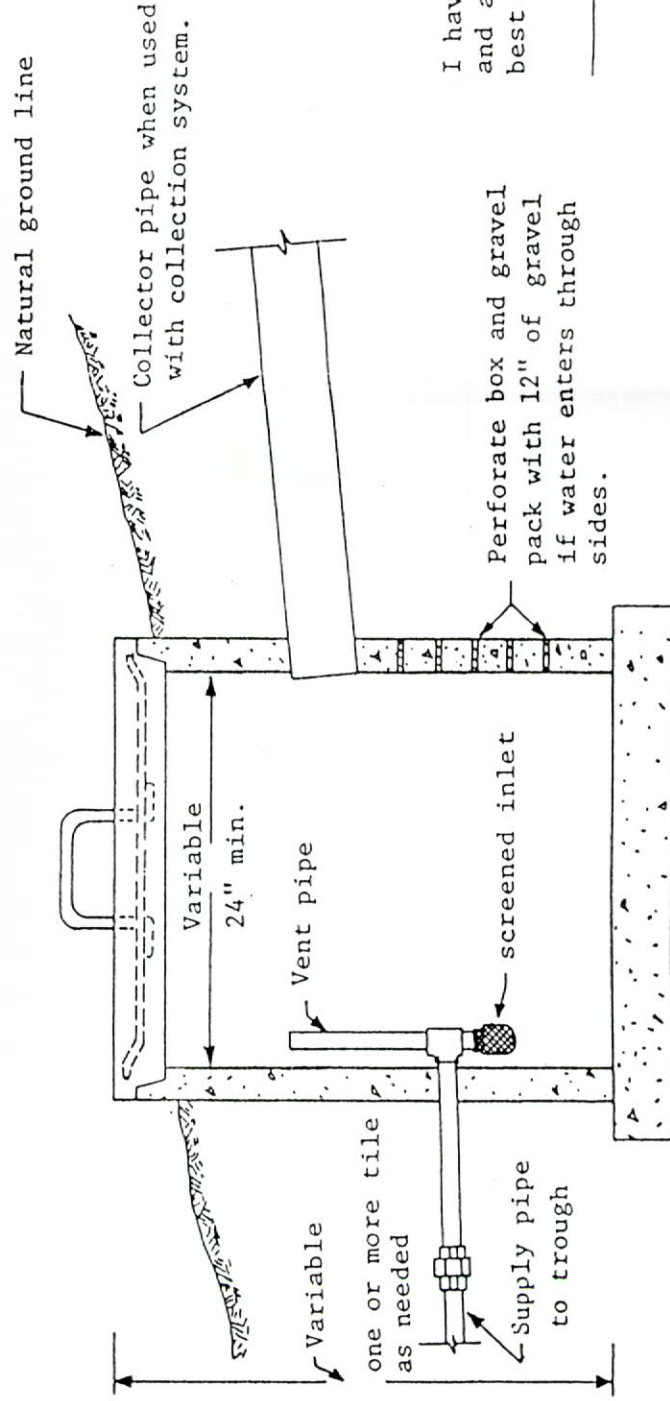
Collection system: _____

Supply pipe: _____

(Diameter & type) _____

Protection of source _____

Job class _____



PLAN

I have reviewed the plans and specifications and agree to construct this project to the best of my ability in accordance with them.

Cooperator _____ Date: _____

CONSTRUCTION SPECIFICATIONS
ID-SS-E _____, ATTACHED

SPRING DEVELOPMENT

COOPERATOR _____ SCD _____ CO., IDAHO

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Approved by _____

Checked by _____

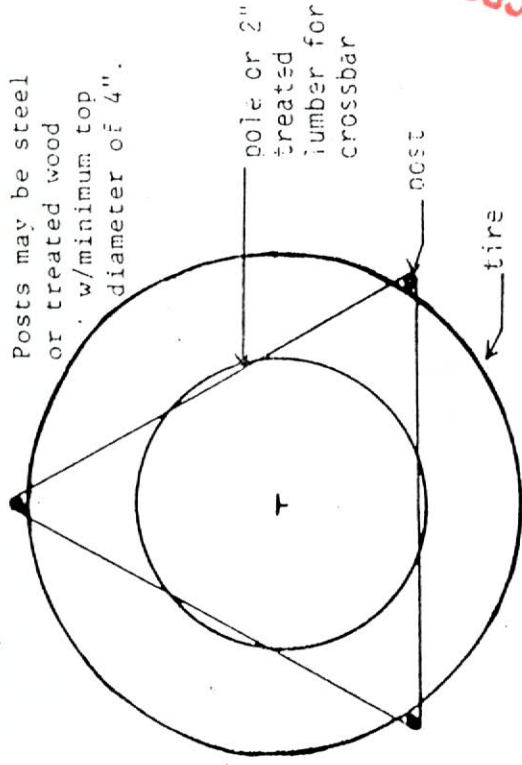
Dated _____

Trough capacity _____ gal.

Top View

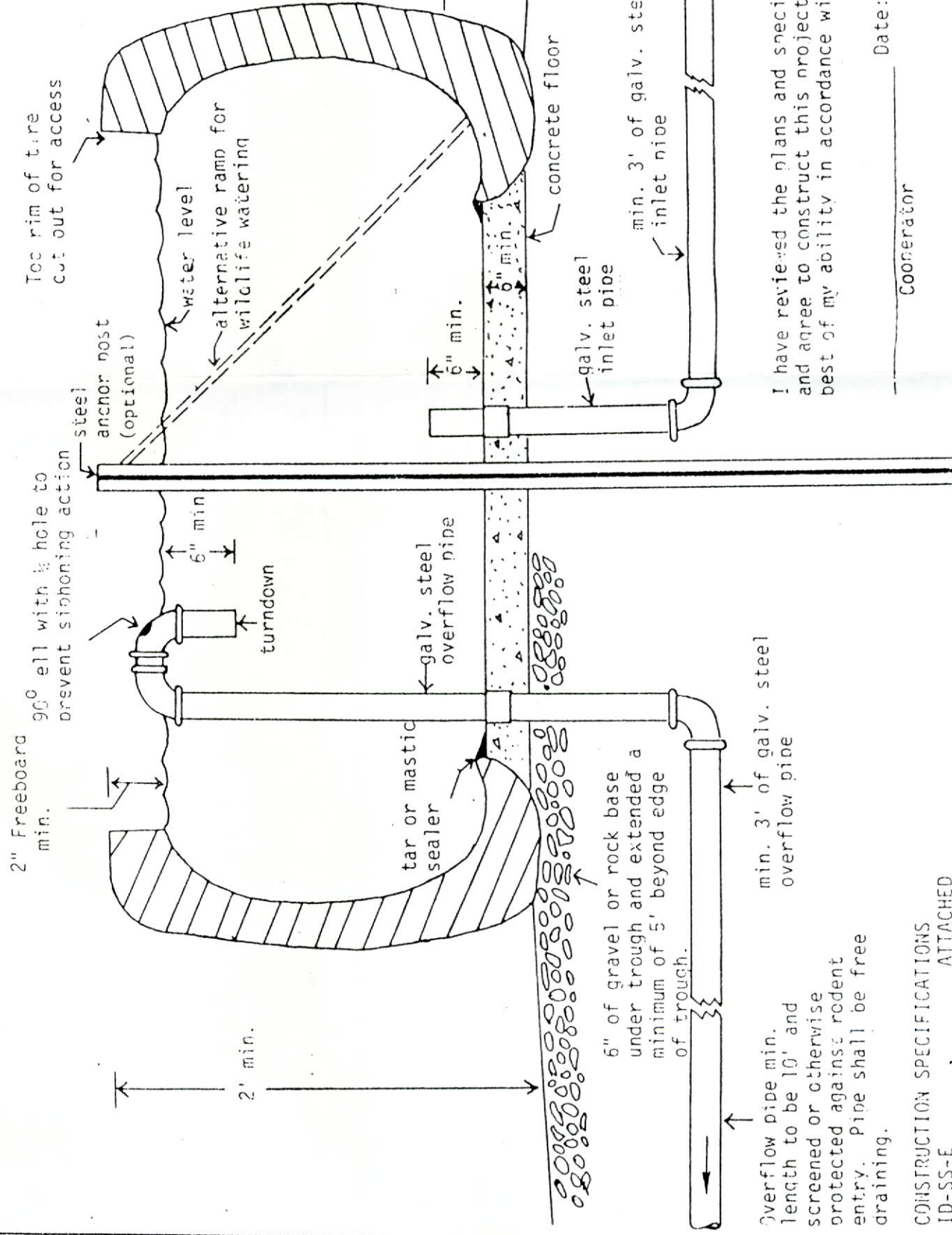
protection from livestock
entry into tank

Posts may be steel
or treated wood
w/minimum top
diameter of 4".



plumbing shall be inside
protective triangle

TROUGH PIPING DETAIL



Overflow pipe min.
length to be 10' and
screened or otherwise
protected against rodent
entry. Pipe shall be free
draining.

I have reviewed the plans and specifications
and agree to construct this project to the
best of my ability in accordance with them.

Cooperator

Date: _____

RUBBER TIRE TROUGH

Cooperator

SCD Co. Idaho

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Drawn	Traced	Checked	Date	Sheet	No.	Drawing No.

CONSTRUCTION SPECIFICATIONS
ID-SS-E ATTACHED

MICROFILMED
JAN 29 2001

RECEIVED

DEC 04 2000

Ident No.

23-04078

#5

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

NOTICE OF DIVERSION FOR INSTREAM STOCKWATER USE

(To provide notice of intent to divert surface water from a stream or riparian area to troughs or tanks for the watering of livestock)

1. Name of Right Holder Carl Zitlan Phone 538-7140
Mailing address 392 N 4500 E, Rigby ID 83442
2. Source of water supply C.R. Spring ~~Small tributaries~~ Granite Creek tributary to South Fork of Snake
3. Point of diversion is in Gov't. Lot NE 1/4 NE 1/4 SW 1/4, Section 21, Township T2N Range 42 E B.M., Bonneville County.
Designation on accompanying TOPO map S3
4. Description of diversion and delivery system:
 - a) Describe the type of diversion: Spring to water trough using spring box (see drawing)
 - b) Describe the delivery system: Underground pipe 1 1/4" diameter minimum (see drawing)
 - c) Describe the number, type and total capacity of troughs or tanks 1 300 gallon tank
 - d) Describe the automatic shutoff or flow control mechanism or means of Returning unused water to the source: Overflow returning water back to stream bed
 - e) Describe how the system is designed to allow measurement of the rate of diversion: Inlet pipe in trough would allow a hose to be attached for measurement.
5. Describe the place of use by placing an X in the appropriate 40-acre tract(s) below:

TWP	RGE	SEC	NE				NW				SW				SE			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
2N	42E	21									X							

6. Priority date claimed or established: May 1, 1885
7. Rate of diversion: 0.02 cfs

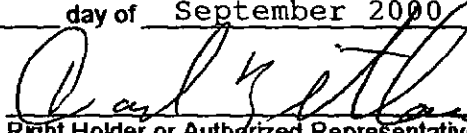
MICROFILMED
JAN 29 2001

8. Season of use: From Jan 1 to Dec 31
9. a) Who owns the property at the point of diversion? Carl Zitlau
b) Who owns the property at the place of use? Carl Zitlau
10. When will construction occur? Fall 2000 to Fall 2001
11. Comments: This system will provide off-stream watering of stock to reduce erosion of stream banks.

I hereby assert the following:

- a) Diversion is from a surface water source to which the livestock would otherwise have access. The land where the watering tanks or troughs will be located is land from which the livestock had access to the source of water from which diversion is being made.
- b) The diversion of water out of the stream as described in this notice is for watering livestock and will not injure other water rights.
- c) I will not alter the bed and banks of the source as the term is defined in section 42-3802, Idaho Code. I understand that I may place an inlet conduit into the source in a manner that does not require excavation or obstruction of the stream channel, unless the director of the department of water resources approves a stream channel alteration permit for additional work.
- d) I understand that upon determination of interference with other water rights, the Director may order curtailment of diversion or use of water under this notice or may require the diversion and delivery system to be modified to prevent injury.
- e) I will not divert more than 13,000 gallons per day for livestock watering from this diversion, and I will not use more than one point of diversion under this notice.
- f) I am authorized to make the changes described in this notice and that if the notice involves a federal grazing allotment, the permittee consents to the changes described in this notice.
- g) I understand that any willful misrepresentation on this notice will void any right to divert water for livestock under this notice.

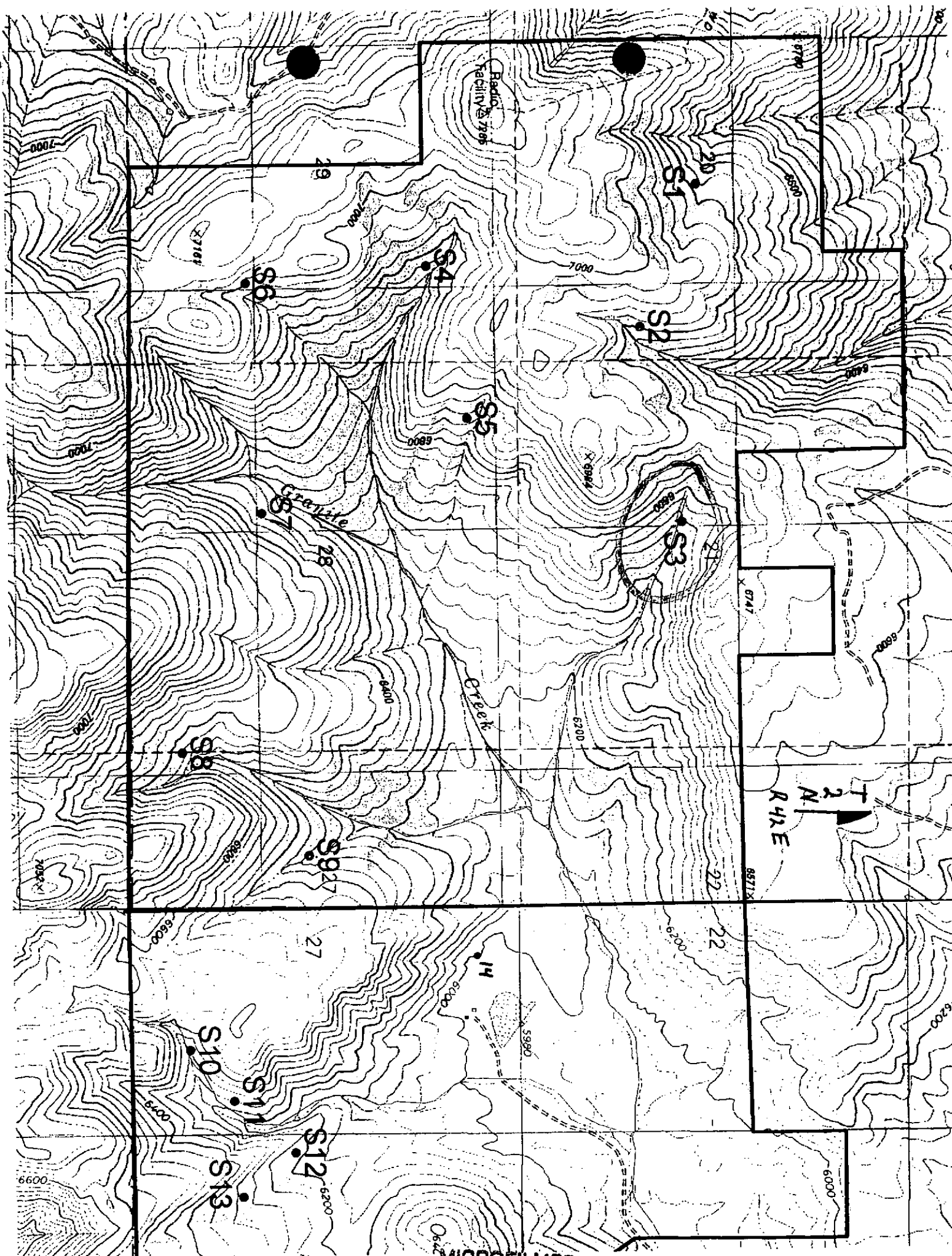
Dated this 28 day of September 2000


Right Holder or Authorized Representative

FOR DEPARTMENT USE

Received by HWT Date 9-29-00 Preliminary check by _____
Fee: \$ 25.00 Receipted by HWT Receipt No. E026212 Date 9-29-00
Water District No. 01 Entered into data base 11/29/00 By OC

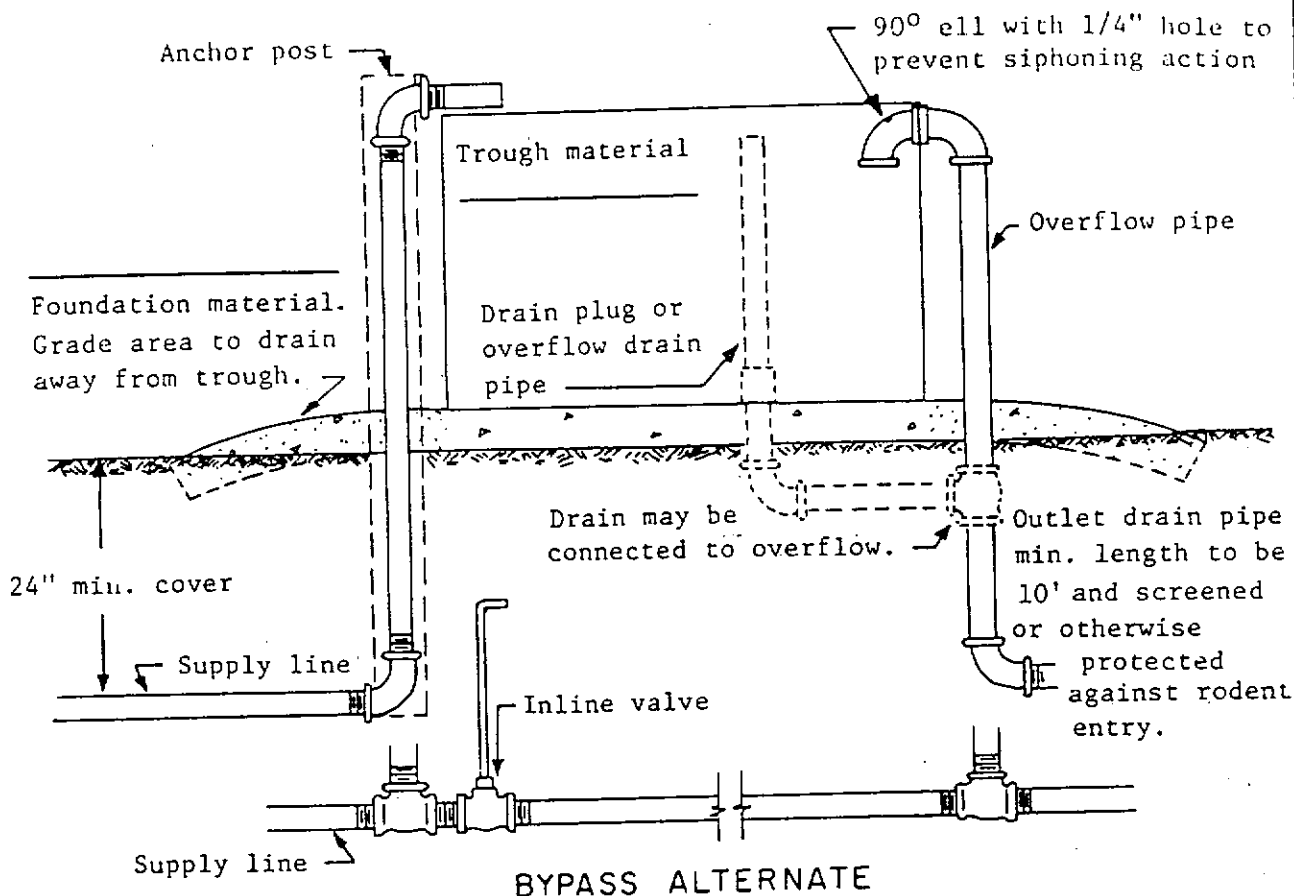
MICROFILMED
JAN 29 2001



MICROFILMED

JAN 29 2001

TROUGH PIPING DETAIL

TROUGH

Length X width or diam. _____

Depth _____

Capacity _____ gal.

PIPESupply riser _____
diameter-material-lengthOverflow _____
diameter-material-lengthOutlet _____
diameter-material-length

Outlet protection _____

I have reviewed the plans and specifications and agree to construct this project to the best of my ability in accordance with them.

Date: _____

Cooperator _____

CONSTRUCTION SPECIFICATIONS

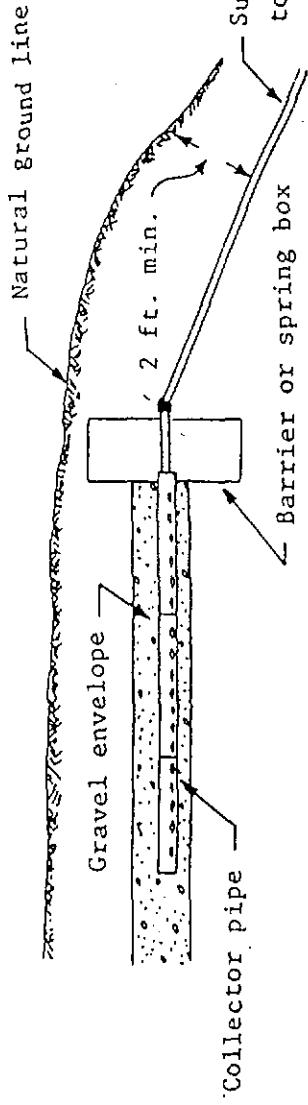
ID-SS-E _____, MICROFILMED

TROUGH OR TANK

COOPERATOR _____
SCD _____ CO., IDAHOU. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

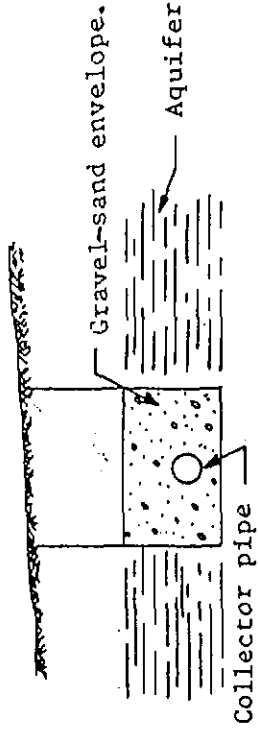
Designed _____	Drawn _____	Field _____	Approved By _____
Checked _____	Field _____	Field _____	Field _____
Field _____	Field _____	Field _____	Field _____

JAN 29 2001



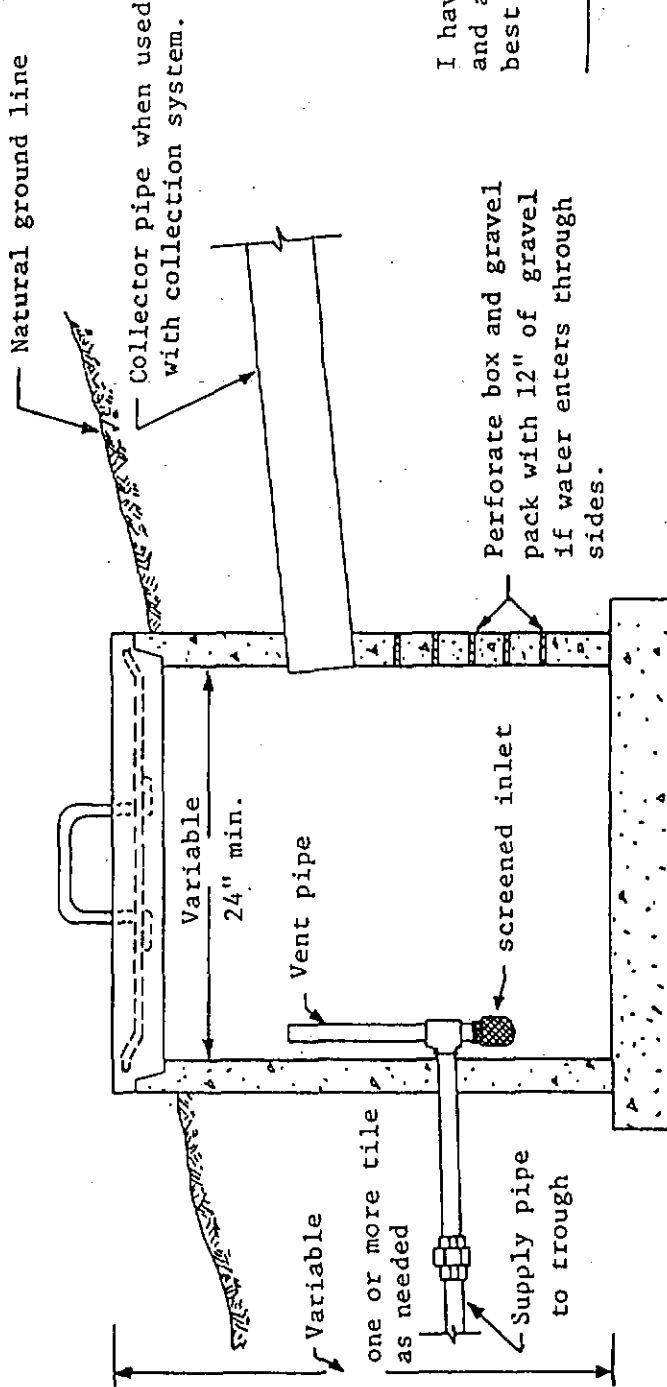
ELEVATION

Can be installed in Y, T, L or straight line to best pick up free flow of water.



TRENCH DETAIL

Spring box to be used when water emerges in one spot or with collection system above. Box may be concrete or metal pipe.



PLAN

I have reviewed the plans and specifications and agree to construct this project to the best of my ability in accordance with them.

Cooperator _____ Date: _____

CONSTRUCTION SPECIFICATIONS
ID-SS-E _____ ATTACHED

MICROFILMED
JAN 29 2001

SCHEMATIC LAYOUT

Box: _____ (Material) _____

Size _____

Collection system: _____

Supply pipe: _____ (Diameter & type) _____

Protection of source _____

Job class _____

SPRING DEVELOPMENT

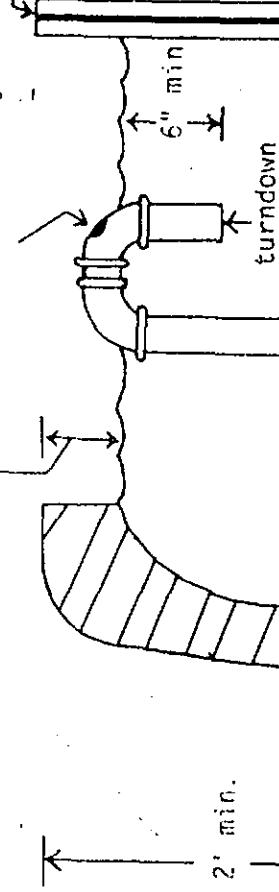
COOPERATOR _____ SCD _____ CO., IDAHO _____

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Trough capacity _____ gal.

TROUGH PIPING DETAIL

2" Freeboard min.
90° ell with 1/2" hole to prevent siphoning action



turndown

galv. steel overflow pipe

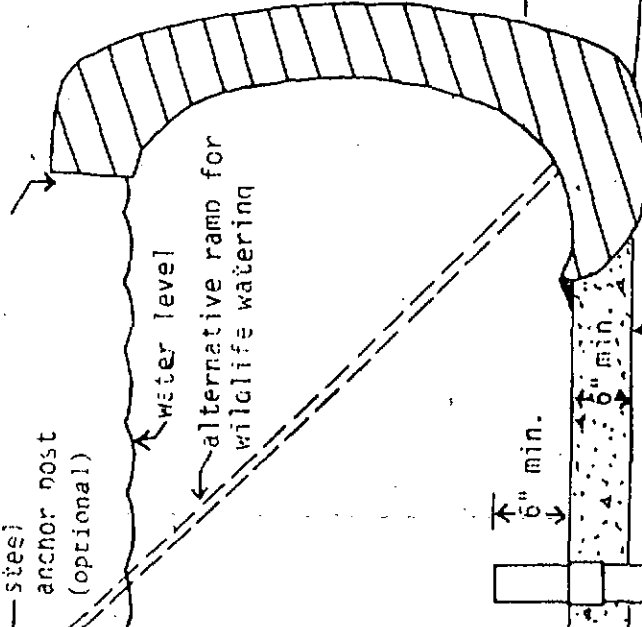
tar or mastic sealer

6" of gravel or rock base under trough and extended a minimum of 5' beyond edge of trough.

min. 3' of galv. steel overflow pipe

Overflow pipe min. length to be 10' and screened or otherwise protected against rodent entry. Pipe shall be free draining.

100 rim of tire cut out for access



water level

alternative ramp for wildlife watering

6" min.

galv. steel inlet pipe

min. 3' of galv. steel inlet pipe

rubber tire

concrete floor

2' min. cover

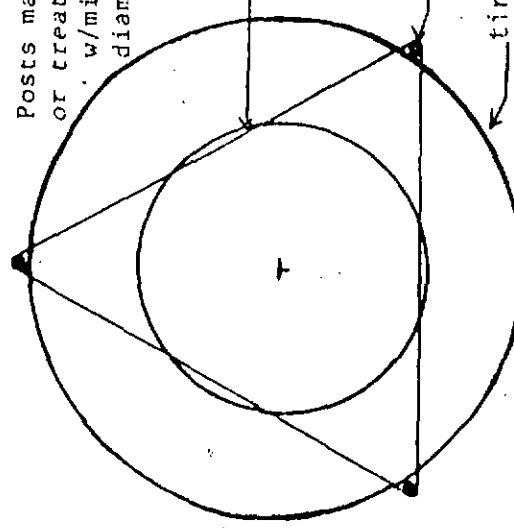
supply line

ground surface sloping away from trough

Top View

protection from livestock entry into tank

Posts may be steel or treated wood w/minimum top diameter of 4".



post

tire

plumbing shall be inside protective triangle

MICROFILMED
JAN 23 2001

RUBBER TIRE TROUGH

Cooperator _____

SCD _____ Co. Idaho

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

I have reviewed the plans and specifications and agree to construct this project to the best of my ability in accordance with them.

Date: _____

Cooperator _____

CONSTRUCTION SPECIFICATIONS
ID-SS-E _____ ATTACHED

Designed	_____	Date	_____
Drawn	_____	File	_____
Traced	_____	Time	_____
Checked	_____	Sheet	_____
		No.	_____
		Drawing No.	_____

RECEIVED

DEC 04 2000

23-04078

Department of Water Resources

STATE OF IDAHO

Department of Water Resources

Notice of Diversion for Instream Stockwater Use
Section 42-113, Idaho Code

Name of Right Holder: Carl Zitlau
Initial Review By: HWS Date: 11-15-00
Based on prior recorded instream stockwater right? Yes ☐ No ☒
If yes, right number: _____ Instream Stock Div. No. _____
Also, if right was claimed in SRBA, this notice will amend claim.
If no, enter as statutory claim.

CHECK:

- ☒ Name & address
- ☒ Date of Priority
- ☒ Source
- ☒ Period of use
- ☒ Point of diversion (limited to 1 diversion)
- ☒ Location of use
- ☒ Signature
- ☒ \$25.00 filing fee
- ☒ Water District 01
- ☒ Amount of Water
- ☒ Description of diversion/delivery system.

Receipt No. EO 26212

Publish? Yes ☐ No ☒ (Regional Determination*)



Review Complete

By: [Signature]
Date: 11-15-00

*Generally not advertised unless determined to be necessary by Regional Manager.



State of Idaho
DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

November 30, 2000

Carl Zitlau
392 N 4500 E
Rigby ID 83442

RE: Instream Stock Diversion No 23-04075 to 23-04087.
Notice of Diversion for Instream Stockwater Use

Dear Mr. Zitlau:

The Department of Water Resources acknowledges receipt of the water right notice you submitted under Section 42-113(3), Idaho Code. Please refer to the above referenced number in all future correspondence regarding this notice.

If exceptions to the notice are filed you will be sent a copy of the exceptions(s).

The filing of the notice does not confirm the validity of the water right. It will serve to record and preserve the information, including any exceptions, regarding the notice.

Please note that the diversion described in your notice may occur only if the following conditions are met.

- The water is diverted from a surface water source to a trough or tank through an enclosed water delivery system.
- The water delivery system is equipped with an automatic shutoff or flow control mechanism or includes a means for returning unused water to the surface water source through an enclosed delivery system, and the system is designed and constructed to allow the rate of diversion to be measured.
- The diversion is from a surface water source to which the livestock would otherwise have access and the watering tank or trough is located on land from which the livestock would have access to the surface water source from which the diversion is made.
- The diversion of water out of the stream in this manner does not injure other water rights.
- The use of the water diverted is for watering livestock.
- The bed and banks of the source shall not be altered as that term is defined in section 42-3802, Idaho Code, except that an inlet conduit may be placed into the source in a

MICROFILMED

JAN 29 2001

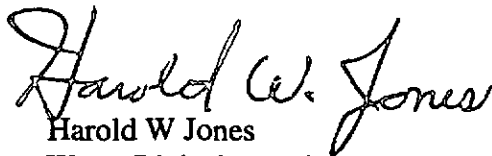
manner that does not require excavation or obstruction of the stream channel, unless additional work is approved by the Director of the Department of Water Resources.

- The amount of water diverted for watering of livestock shall not exceed thirteen thousand (13,000) gallons per day.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

We are enclosing a copy of the notice for your records. Please feel free to contact this office if you have any questions.

Sincerely,


Harold W Jones
Water Right Supervisor

HWJ::sc

Enclosure

RECORDED
JAN 29 2001