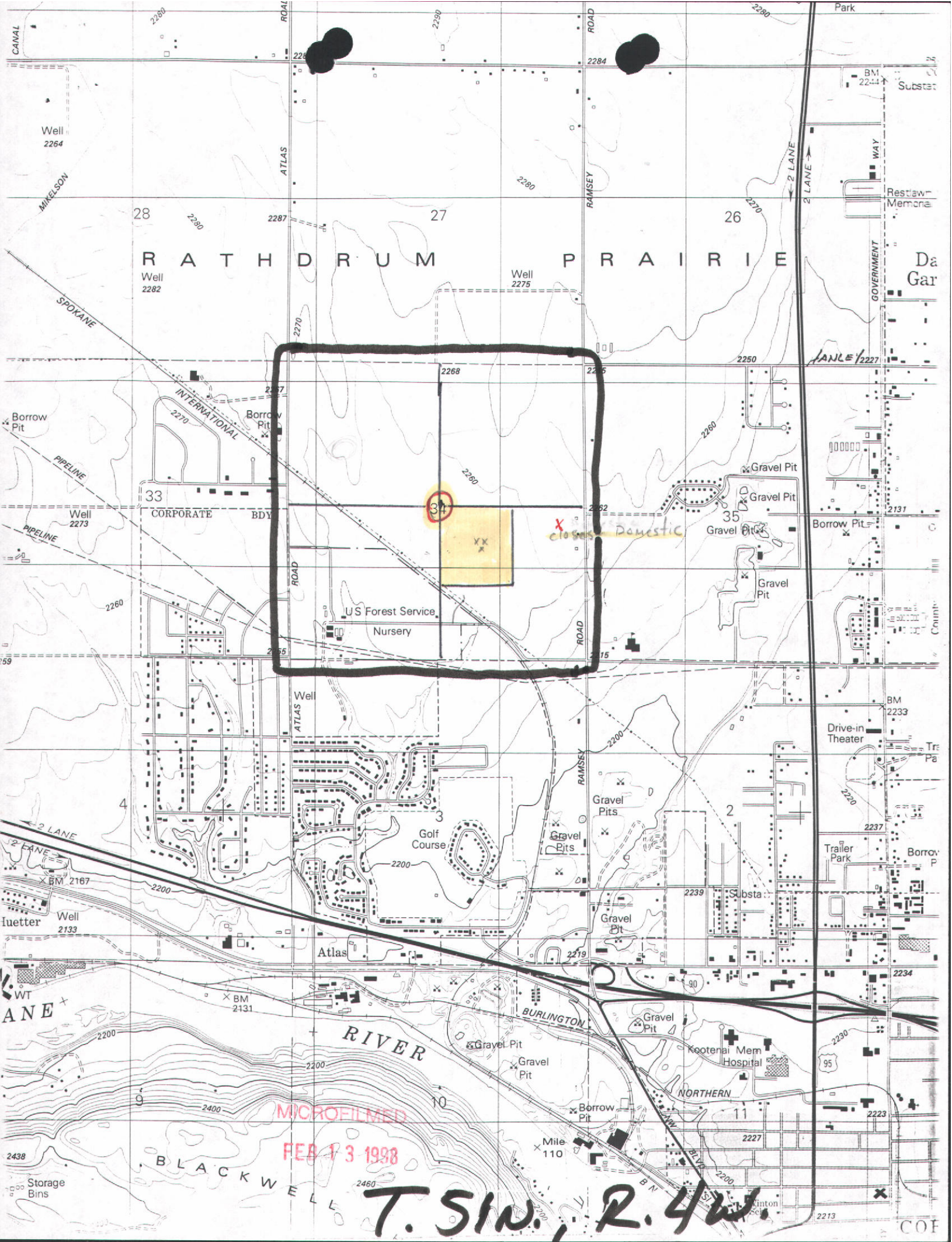




RATHDRUM PRAIRIE

34

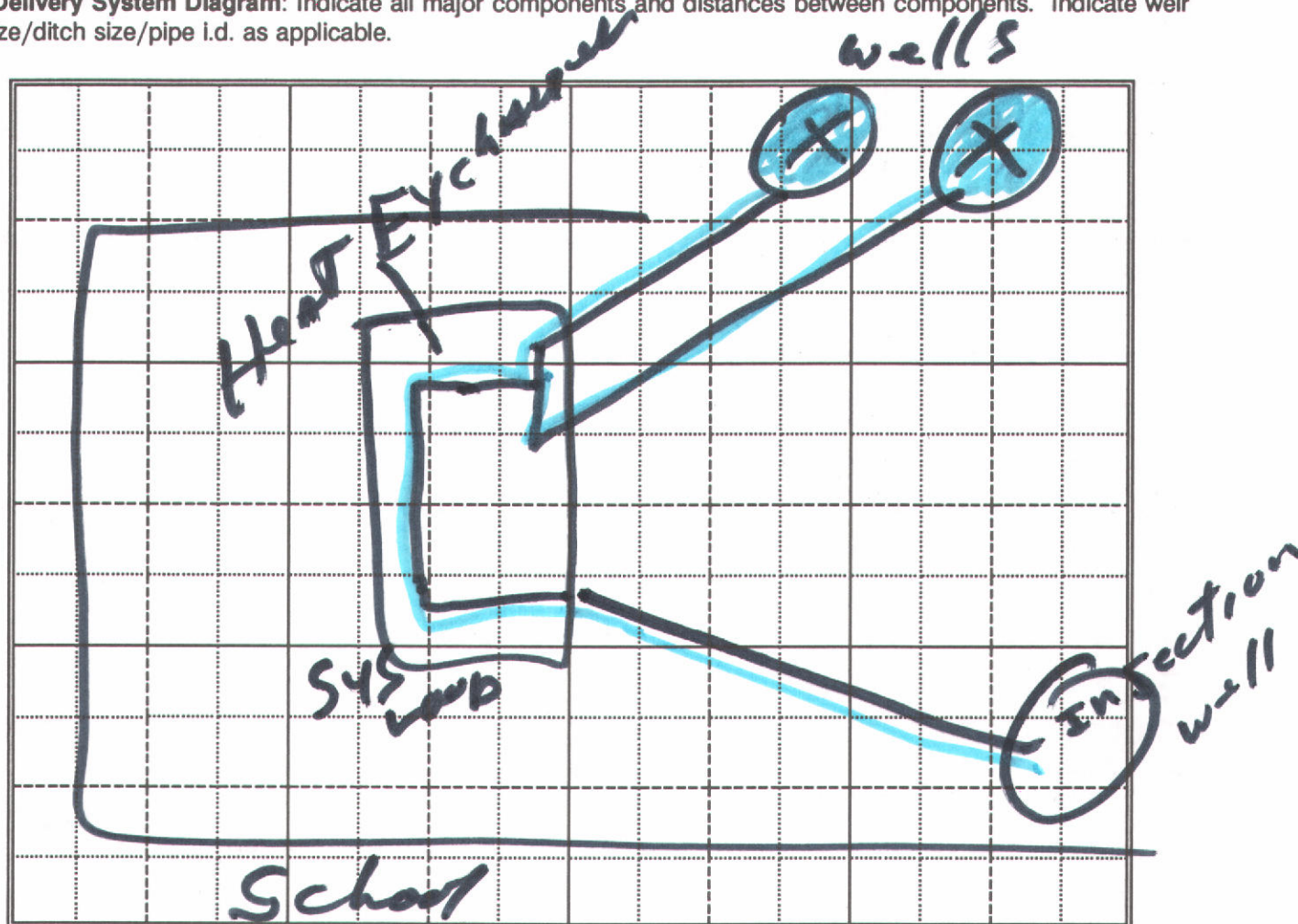
X closes Domestic

MICROFILMED

FEB 13 1998

T. SIN. R. 4W.

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____.

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	mod. Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
2 →	Goolds	30	7000	Goold	

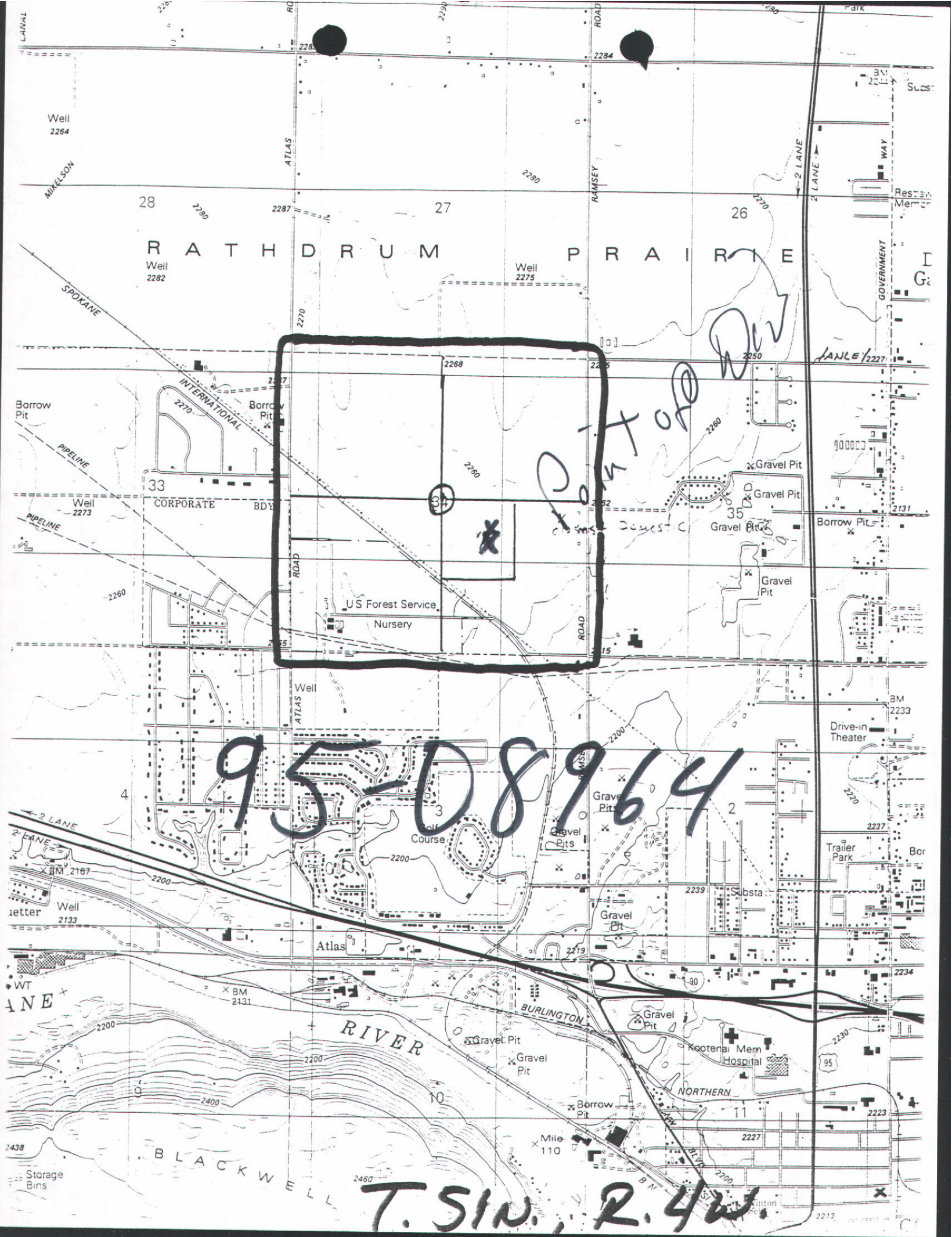
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____



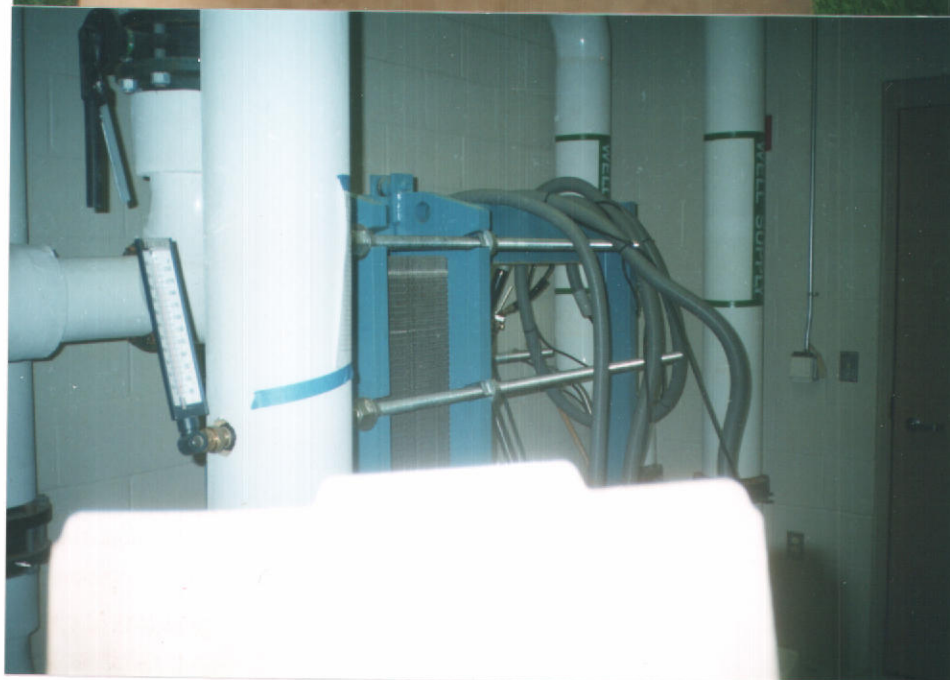
RATHDRUM PRAIRIE

95-08964

T. SIN. R. 4W.



95



95

95-08964

COEUR D'ALENE SCHOOL DISTRICT
COEUR D'ALENE, IDAHO 83814
PURCHASE ORDER

P.O. # ⁹⁵ 93685

INSTRUCTIONS: The purchase order number must appear on all invoices and statements and on the outside of the container in which it is received. If the order cannot be supplied within 60 days, please cancel. This order is tax exempt (Idaho # 12389-S).

VENDOR: Idaho Dept Water Resources 1910 N.W. Blvd, Suite 210 Coeur d'Alene, ID 83814		BILL TO: COEUR D'ALENE SCHOOL DISTRICT 311 N. 10th Street Coeur d'Alene, ID 83814-4299 (208) 664-8241	
SHIP TO: School Dist 271 311 N. 10th St Coeur d'Alene, ID 83814		Order Date: 5-16-97	Department:
		Budget Code: 529 410-810-531	

Unit	Catalog #	Item Description	Unit Price	Total
1		well fee for 3rd Mid School Application for Permit. Per Bob - Water Right App ↓		100.00
RECEIVED MAY 19 1997 NORTHERN REGION IDWR MICROFILMED FEB 13 1998 Receipt # N011202 LUGSTEN NOTED 168 6/23/97 6 23 97 6/23/97				

Wayne V. Vot
Principal/Director

Dave Treater
Finance Office

TOTAL

RECEIVED

OCT 1 2 2000

FOR OFFICE USE ONLY
Amt. of Fee \$: 100.00
Receipt No. 050768
Receipt By: JAW/SM
Date Received: 10/2/00

STATE OF IDAHO Department of Water Resources
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 95-08964 Telephone No. 1-208-664-8241
2. Name of Permit Holder(s):
Coeur D'Alene School Dist #221
3. Mailing Address: 311 N 10th
City Coeur D'Alene State Id Zip 83814
4. Source of Water: Well If GROUNDWATER (well), Date Drilled: mo. 10 / yr. 99
Well Driller: United Drilling Drilling Permit Number: 95-99-N-0152-000
5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): _____ Stockwater (No. and type of stock): _____

Irrigation (No. of acres): _____ Other: HVAC Close Loop Heating system return

6. Total rate of diversion and/or volume for which proof is submitted: 1 cfs OR _____ acre-feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required?
Has the measuring device been installed?

Yes _____ or No ✓
Yes ✓ or No _____

8. Fee Enclosed: \$ 100 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Bryan Martin Telephone Number: 208-664-8241

Address: 311 N 10th

10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: Bryan Martin Dir of Maintenance Date: 10-4-00
(include your title, if on behalf of company or organization)

MICROFILMED

JAN 18 2001

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 95-08964

Proposed Priority: May 21, 1997

Maximum Diversion Rate:

1.00 CFS

This is to certify, that SCHOOL DISTRICT NO 271

311 N 10TH ST

COEUR D ALENE ID 83814

has applied for a permit to appropriate water from: GROUNDWATER

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
HEATING	01/01 to 12/31	1.00 CFS
COOLING	01/01 to 12/31	1.00 CFS
	Totals	1.00 CFS

LOCATION OF POINT(S) OF DIVERSION:

NWSE , Sec. 34, Township 51N, Range 04W
KOOTENAI County

PLACE OF USE: HEATING

TWN RGE SEC

51N 04W 34

NWSE

PLACE OF USE: COOLING, same as HEATING use

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before November 1, 2000.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
5. Return flow discharged to a subsurface system must be authorized by a separate injection well permit.
6. Two points of diversion and one point of injection are located within NWSE, S34, T51N, R04W.
7. Heating and cooling uses are for a middle school.

RECORDED

FEB 13 1998

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 95-08964

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

10th day of November, 1997.

Karl J. Dreher
for Karl J. Dreher, Director



INCORPORATED

FEB 13 1998

Ident. No. 95-08964

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

RECEIVED
JUL 14 1997

Department of Water Resources

1. Name of Applicant Coeur d'Alene School District No. 271 Phone (208)664-8241
Post Office address 311 N 10TH ST Coeur d'Alene Id 83814
2. Source of water supply Groundwater which is a tributary of N/A
3. Location of point of diversion is NW 1/4 of SE 1/4 of 1/4, Govt. Lot
Sec. 34 Township 51N Range 4W B.M. Kootenai County; additional points of
diversion if any:
4. Water will be used for the following purposes:
Amount 1.0 for Heating purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 1.0 for Cooling purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount for purposes from to (both dates inclusive)
(cfs or acre-feet per annum)
Amount for purposes from to (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 1.0 and/or (b)
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. 2)8" Wells- Paralell Operation - 1) 10"
Recharge
 - b. Height of storage dam feet; active reservoir capacity acre-feet; total
reservoir capacity acre-feet; period of year when water will be diverted to storage:
 to inclusive.
 - c. Proposed well diameter is inches; proposed depth of well is feet.
 - d. Is ground water with a temperature of greater than 85°F being sought? No
 - e. If well is already drilled, when? ; Drilling firm :
Well was drilled for (well owner)
7. Time required for completion of works and application of water to proposed beneficial use is 3 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity if KW.
 - b. Stockwatering; list number and kind of livestock.
 - c. Municipal; show name of municipality.
 - d. Domestic; show number of households.
 - e. Other; describe fully. Extracted Groundwater is run through a heat exchanger & reinjected
into ground- Used to Heat & Cool Structure

FEB 13 1998

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	N E				N W				S W				S E				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
51N	4W	34														L			0
51N	4W	34														G			0
51N	4W	34														G			0

Total number of acres to be irrigated 0

10. Describe any other water rights used for the same purposes as described above. _____

11. a. Who owns the property at the point of diversion? School District No. 271

b. Who owns the land to be irrigated or place of use? School District No. 271

c. If the property is owned by a person other than the applicant, describe the arrangement enable the applicant to make this filing: _____

12. Remarks: _____

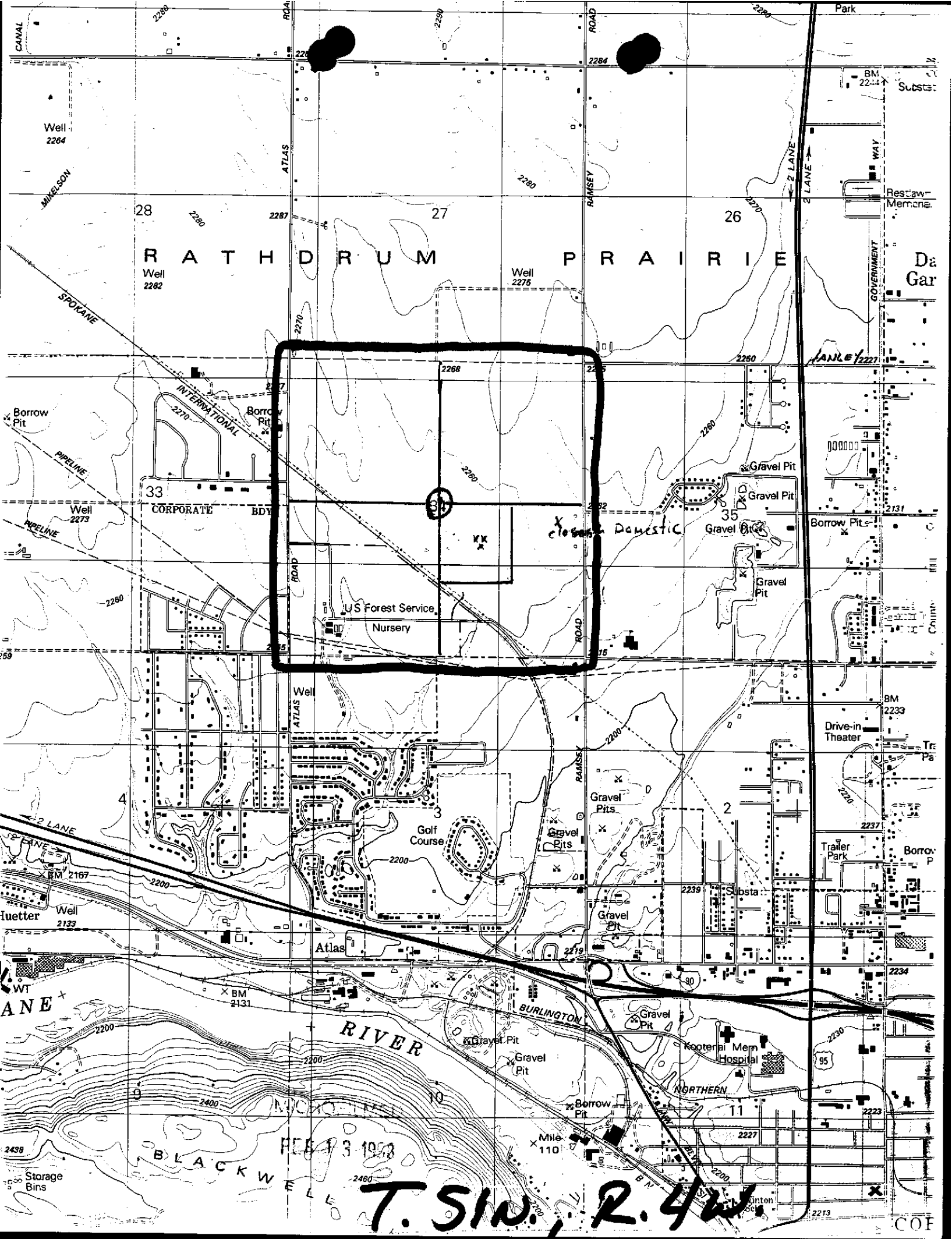
13. MAP OF PROPOSED PROJECT ATTACHED _____ Show clearly the proposed point of diversion, place of use, section number, township and range number.

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

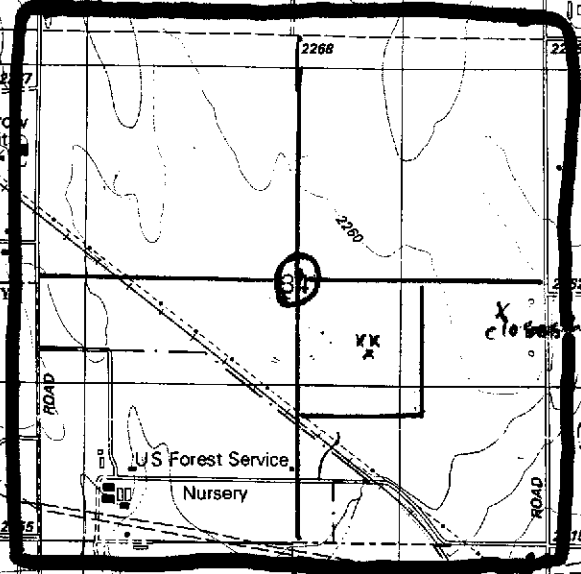
Dave Treats Asst Supt
(Applicant)

Received by db Date 5/21/97 Time 9:00 a Preliminary check by _____
 Fee \$ 100.00 Receipted by db # N011202 Date 5/19/97
 Publication prepared by db Date 5/23/97 Published in CAD Press 6/5/97
 Publication approved db Date 6/10/97

MICROFILMED
FEB 13 1998



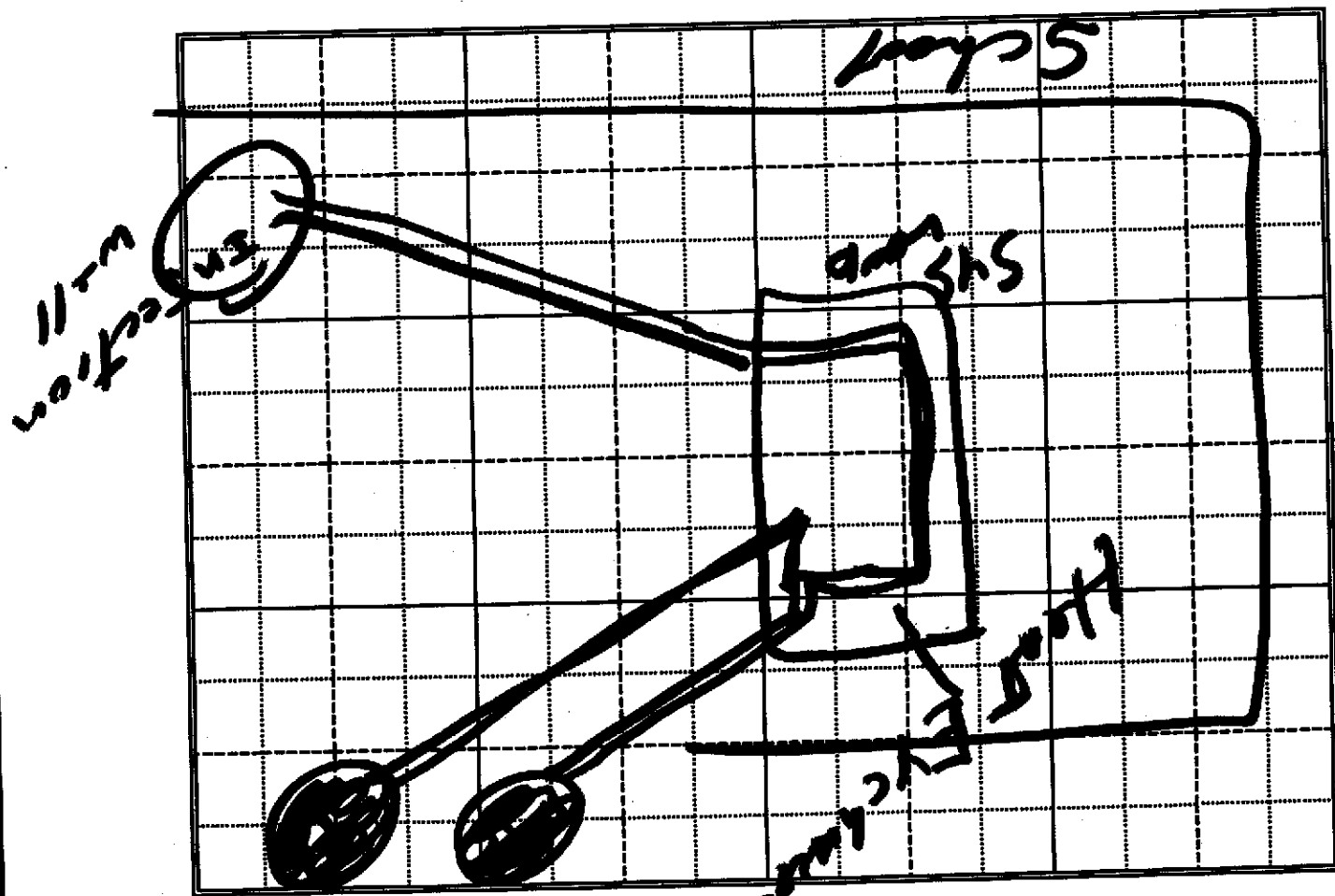
RATHDRUM PRAIRIE



T. SIN. R. 4W.

[illegible]

3. Delivery System Diagram: Indicate all major components and distances between components. Indicate well size/ditch size/pipe l.d. as applicable.



Scale: 1" = _____
 Copy of USGS Quadrangle Attached Showing location(s) of _____
 point(s) of diversion and place(s) of use (required).
 Aerial Photo Attached (required for irrigation of 10+ acres)
 Photo of Diversion and System Attached

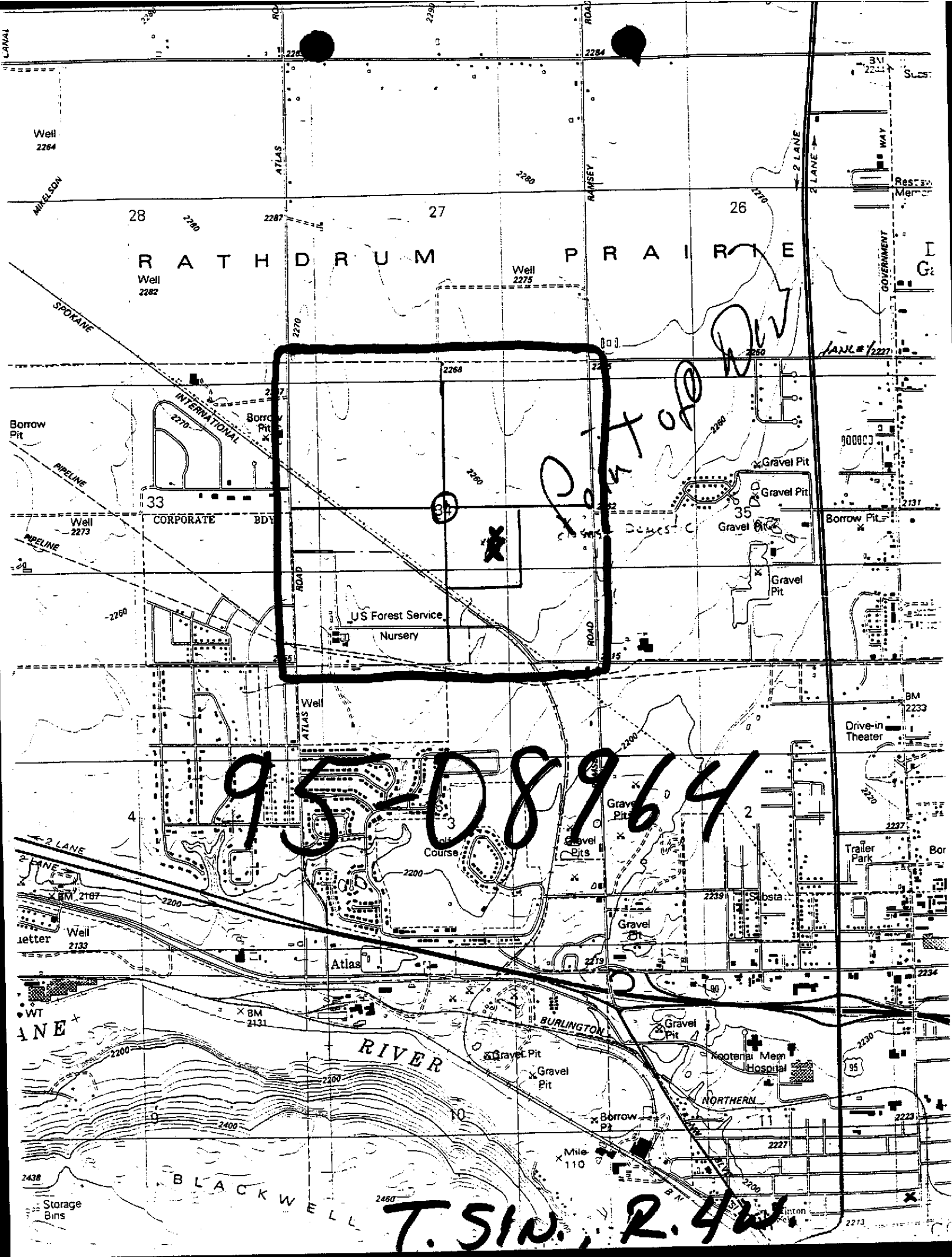
Well or Diversion Identification No.*	Motor Make	HP	Motor Serial No. Mod.	Pump Make	Pump Serial No. or Discharge Size
2 → Goulds	Goulds	30	7CLC	Gould	

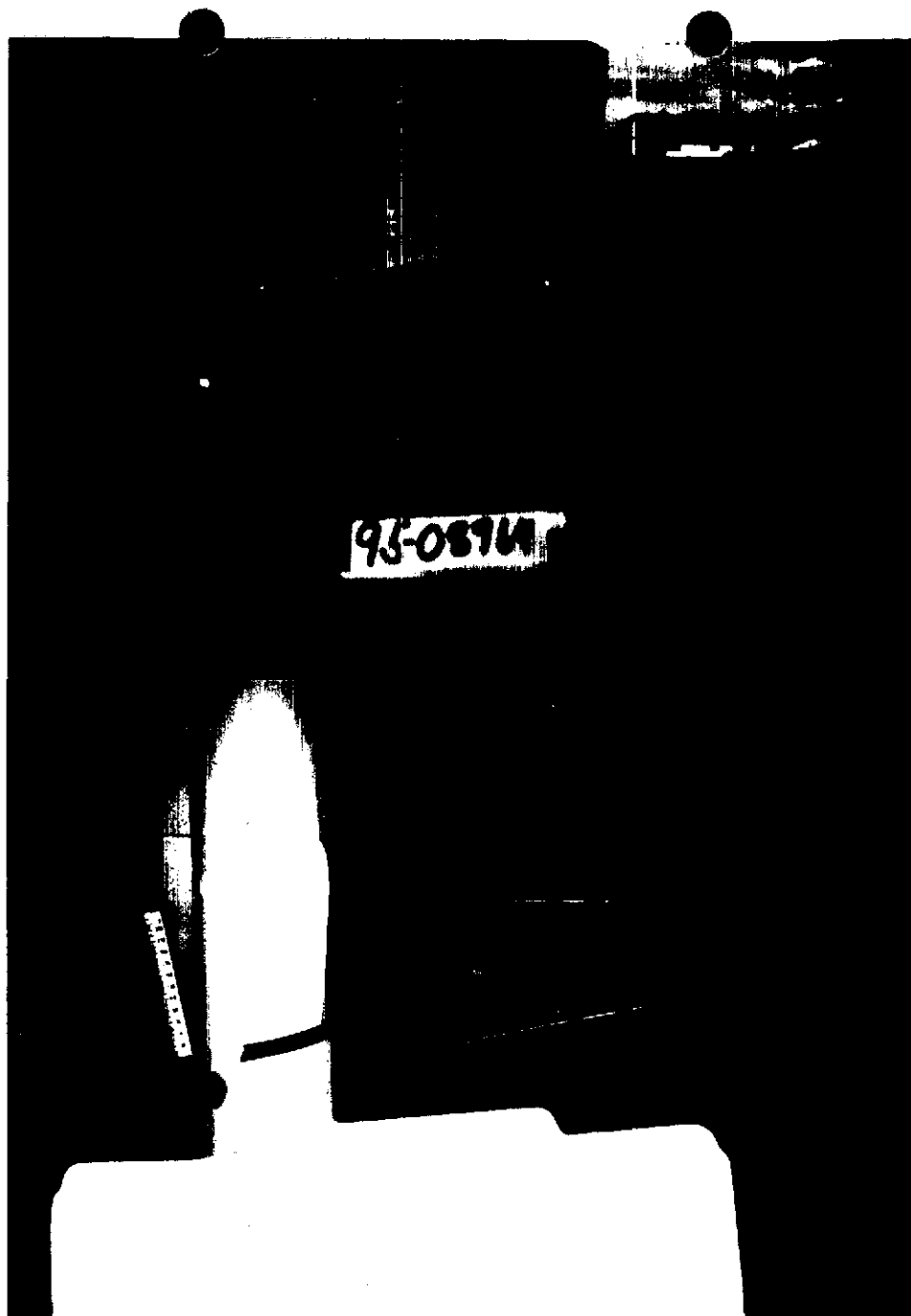
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:





95-08964

E. NARRATIVE/REMARKS/COMMENTS

Conductor No. 4

No measuring device has been installed.
What piping that is exposed is not
suitable to use polysonic meter.
Therefore rates used in this exam
are ones provided to school dist. by
contractors who installed them.

Have conditions of permit approval been met? ☐ yes ☒ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

$$\begin{array}{r}
 230 \text{ gpm each well} \\
 \times 3 \\
 \hline
 460 \text{ gpm} \times 1.33681 = 100 \text{ cfs}
 \end{array}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$\begin{aligned}
 V_{ir} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \\
 V_{dr} &= [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \\
 V &= \text{Smaller of } V_{ir} \text{ and } V_{dr} =
 \end{aligned}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Electricity
Industry
Domestic

Period of Use

From 01/05
To 12-31

Rate of Diversion

Q (cfs)
1

Annual Volume
V (afs)

2. Recommended Amendments

Change P.D. as reflected above
Change P.U. as reflected above

Add P.D. as reflected above
Add P.U. as reflected above
None
Other

I. AUTHENTICATION

Reviewer

Date

SEAL

Field Examiner's Name

Date

9-26-02



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

October 23, 2000

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

BRYAN MARTIN
DIRECTOR OF MAINTENANCE
COEUR D' ALENE SCHOOL DIST. #271
311 NORTH 10TH
COEUR D' ALENE ID 83814

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 95-08964

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water, and that it meets the permitted beneficial use.

Be advised that Section 42-248, Idaho Code requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the **Northern** Regional Office of the department in Coeur d' Alene at (208) 334-2190.

Sincerely,

Deborah J. Gibson
Administrative Assistant
Water Allocation Bureau

Encl.

c: IDWR - Regional Office

MICROFILMED

JAN 18 2001

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 95-08964 Reviewed by DJ. Date 10/23/00

GENERAL CONSIDERATIONS

Yes Name same as permit?
Yes Address same as permit?
Yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

Heating & Cooling
system
Correct Uses? Yes

SOURCE OF WATER

No Surface water source

Yes Ground water source

Yes Drilling permit required?

No Copy in the file? Drilling Permit No. 95-99-N-0152-000

Amount paid for permit _____ Correct?

No Well log in the file?

LICENSE EXAMINATION FEE

Yes Required?
\$100 Amount Submitted
Yes Correct?

MEASURING DEVICE

No Required?
Yes Installed?
Waiver requested?

PRIORITY CALCULATION

Date proof received	<u>10/12/00</u>	
Date proof due	<u>11/1/00</u>	-
No. of days late		=
Priority Date		+
New Priority Date		

DEFICIENCIES OR ACTION ITEMS

Acknowledge proof.

DATA ENTRY

New Address No Proof Made 10/12/00

RECEIPT
For Monies Paid
to the
Idaho Department of Water Resources

Receipt No:

0050768

Date:

Time:

10/12/2000

15:33:01

Received

From:

SCHOOL DISTRICT #271

Type of Payment

Program A cct

Amount

BENEFICAL USE PERMIT#9509028	56104	229 21 1155	100.00
BENEFICAL USE PERMIT #9508964	56104	229 21 1155	100.00
INJECTION APPLICATION	54108	229 21 1155	100.00

Total

\$

300.00

CHECK

65435

Region: STATE

Signature:

J. Barron

*Original
Went to
Customer*

MICROFILMED

JAN 18 2001

August 31, 2000

SCHOOL DISTRICT NO 271
311 N 10TH ST
COEUR D ALENE ID 83814

PROOF DUE NOTICE

RE: PERMIT NO. 95-08964

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before November 1, 2000. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

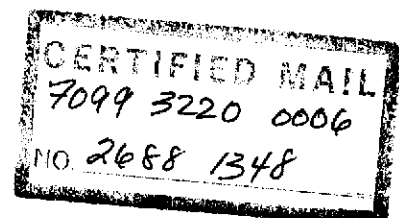
SINCERELY,

DEBORAH DREW-ELLIS
Administrative Assistant

Enclosures

MICROFILMED

JAN 18 2001





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

November 10, 1997

SCHOOL DISTRICT NO 271
311 N 10TH ST
COEUR D ALENE ID 83814

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 95-08964

Dear Permit Holder:

The Department of Water Resources (IDWR) has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a preliminary order issued by IDWR pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed.

The Department will send you a "Proof Due Notice" approximately 60 days prior to the above referenced date requesting you to file either a Proof of Beneficial Use form or a Request for Extension of Time form.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosures

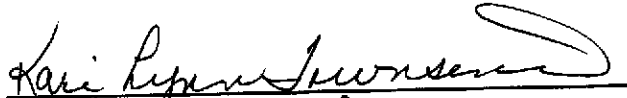
MICROFILMED
FEB 13 1998

CERTIFICATE OF MAILING

I hereby certify that on the 10th day of November, 1997, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved Permit) to the person(s) listed below:

Water Right No. 95-08964

SCHOOL DISTRICT NO 271
311 N 10TH ST
COEUR D ALENE ID 83814


Kari Lynn Townsend
Secretary

MICROFILMED
FEB 13 1998

APPLICATION FOR PERMIT STATE OFFICE REVIEW

by Cindy Loe

 No.: 95-08964 Name: CIA School Dist. Date: 10/16/92 Ad OK? ☒ ☒ Gvmt Lts: _____

AREA OF CONCERN:

- No/Yes: _____ Mor / _____ GWMA / Trust / Non-trust

PROTESTED:

- 020 (Protest Agreement) or *W19 (Order)

SYSTEM COMPLETED:

1 year/no proof

- P16

>1 year

- 26A P17

GROUNDWATER: (✓ FLO-CH)

WMD (✓ MAP)

>0.24 cfs/5 acres

- 067 or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

WMD >0.24 cfs

- 01M (report when notified)

>5 a.

- 01M; 065-079 (if GW use SW 1st-statewide)-(cannot move SW off)

≤ 0.24 cfs/5 acres

- No MD

DRILLING PERMIT:

Existing well 2 Supply wells

Included w/permit ^{1 inj. well} NA (pre 7/1/87; ✓ WDAQ3)2 wells: 95-97-N-0036-000 & 95-97-N-0037-000
1 inj. well: 95-97-N-0038-000.

- Permit No. _____

- No drilling permit?

irr. in WD

- ~~010-101-011~~ (post 7/1/87)

- P05 (new well location)

SURFACE WATER: (✓ FLO-CH) (Surface water that doesn't sink is regulated):

IN/ABOVE MIN. STR. FLOW (✓ MAP)

- *WB9

WD (✓ MAP & LISTING)

- R04 (WD # _____) - 01J-P08 (MD)

Pumped >0.20 cfs

- 01H-P01 (LD & MD) or No MD (in-stream stock)

WMD (✓ MAP)

> 0.24 cfs/5 acres

- 067 or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

SPRINGS/SINK, INACTIVE WD & REST OF STATE

> 0.24 cfs/5 acres

- 01M or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

RIVER BASINS: (*Surface water):

Snake R (01)

- *W22 -P04, NA

(02/03-irr)

- 007-P07 (w/ remark *WB9 if above Weiser), NA

Payette R(65)

- *W22 (regulated uses), 047-P04 (Payette Lake), NA

Salmon R (70's)

- 029 (fish screens)

USE:

Domestic surface

- *WB5 (Big Wood R or Boise R ↑ Star Bridge); 27A (Payette River); NA

>1 in rest. area

- 071-070-P53

Fish Propagation

- 029-007-042(req)-081-R07 (WQ)-P10; 044 (N of 1000 Springs)

Irr ≤ 5 acres

- R49/R50/R51/R52 (0.03 cfs/acre + 3.0/3.5/4.0/4.5 AF)

> 5 acres

- R29/R30/R31/R32 (0.02 cfs/acre + 3.0/3.5/4.0/4.5 AF)

Mining

- 054(req)-081-R07-P10

Muni (in restricted areas)

- 022, 075, 004 (+memo?)

Power

- 17H/17K(+uses)-08A-025-01N(P19)-028-081-R07(P10); 027 (if no other cons. use);

17G (FERC) or 17M (FERC); 18B-P09; >25 cfs-P18

Stock

- R37 (BLM/USFS); NA

Storage (✓ 3 compo.)

- 080 (if needed); 18A (in- & out-flow MD within district); 18B-P09 (>10' dam),

LOCATION:

42-248 area

- P84 (in 20/30/40/50/60/70/80 (87) basin)

Boise Front LoGeo

- 058 (<85° GW temp only)

In-stream dev.

- P52 (stream channel alteration)

Irr Dist/Canal Co.

- 023 (Twin Falls area)

SWAN FALLS FLAG (See Code Chart)

Trust

- 051-052-053-P74 (Consumptive Uses), NA

Non-Trust (1)

- 048-049 (Consumptive Uses), NA

OWNERSHIP:

- 004 (PD/PU)

OTHER CONDITIONS:

- R07

STANDARD REMARKS:

- ① W32 ② Heat & Cool for middle school.

BENEFICIAL USE DUE:

- 11/1/2000

* COMMENTS:

- need addl info for heat/cool analysis. rec'd 11/3/97

 * ~~heat/cool~~ use is for ground source heat pump. I do not have
any analysis tool to confirm reasonable rate of flow.

INJECTION WELL DATA REPORT
11/10/97

ID NUMBER
LOCATION
REGION
PER STATUS
PREP DATE

95W002001
51N04W34CAA01
N
Y
9/26/97

F NAME
F ADDRESS
F CITY
F ST
F ZIP
F COUNTY
LC PHONE

NEW MIDDLE SCHOOL

COEUR 'D ALENE
ID
83814
55
2086648241

LC NAME
LC ORG
LC ADDRESS
LC CITY
LC ST
LC ZIP

TEATER, DAVE, ASST SUPERINTENDENT
COEUR D' ALENE SCHOOL DIST 271
311 N 10TH ST
COEUR D'ALENE
ID
83814

APP DATE 5/12/95
EXP DATE 12/31/02
DT ABANDON
DT ADVERTI 6/20/97
DT APPROVE 9/ 2/97
DT RECEIVE 5/21/97

WELL CLASS 5A07
W STATUS AC
MAP NUM F4
GPS NUMBR
LATITUDE
LONGITUDE

CONST DATE
DRILLDEPTH 0.00
CASINGDIAM 0
CASNGDEPTH 0
SEAL TYPE
SEAL DEPTH 0
INJECTRATE 600
MAX CAP 4,200

DISCH FREQ C
DISCH TYPE 5
PONDLENGTH 0
PONDWIDTH 0
PONDDEPTH 0
SCREEN
TREATMENT

INSP DATE
INSP TYPE

DIST NEAR 0.50
DIR NEAR E
DEPTH GW 350

LASTUP_DT 9/26/97
LASTUP_BY JCM

COMMENTS

MICROFILMED
FEB 13 1998

RECEIVED

NOV 03 1997

Department of Water Resources

MEMO

To: Cindy Zimmerman, Idaho Department of Water Resources
From: Scott Fischer, Architects West
Re: Application for Permit No. 95-08964
Date: 10/29/97

The following information is provided for items 1, 2, & 3 of your request. See the attached memo from Riley Engineering for items 4, 5, 6, & 7.

Item 1: The building will be used as a middle school, housing grades 6, 7, & 8.

Item 2: The building is irregular in shape; it houses 100,180 sf of floor space.

Item 3: The building is single storey.

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Riley Engineering, Inc.
North 1501 Howard Street
Spokane, Washington 99201
Phone: (509) 325-2576
Fax: (509) 327-5631
rileyeng@spkn.uswest.net

MEMORANDUM

TO: Scott Fischer; Architects West
FROM: Chuck Estey, P.E. *CE*
DATE: 10/29/97
SUBJECT: Well Water Permit No. 95-08964 Review Comments
New Coeur d'Alene Middle School **Job No. 2173**
Copy To: file

The following information is provided for items 4, 5, 6 and 7 of the subject review comments per your request.

Item 4: The building's water source heat pump (WSHP) loop uses well water as a heat sink. In other words the building loop absorbs heat from the well water during the heating mode of operation and rejects heat to the well water during cooling mode of operation. The building loop is isolated from the well water using a plate and frame heat exchanger.

During heating mode of operation it has been assumed that 440 gallons per minute of well water at 50°F will enter the heat exchanger and exit at 40°F. During cooling mode of operation it has been assumed that 440 gallons per minute of well water at 55°F will enter the heat exchanger and exit at 65°F.

Item 5: The building has been designed with a roof insulation value of R-28, a wall insulation value of R-10 and a window glazing insulation value of U-0.5. The building's overall weighted average insulation value, including all building envelope components, is U-0.173 or R-5.8.

Item 6: The building's WSHP loop has been designed with a flow rate of 445 gallons per minute. As stated in Item 4, the building loop is isolated from the well water using a plate and frame heat exchanger. This has been done to eliminate fouling and corrosion of WSHP heat exchangers with well water and to eliminate the potential for well water contamination if a WSHP heat exchanger fails and leaks refrigerant. Well water use by the building is fixed at 440 gallons per minute by design.

Item 7: Once well water has been pumped through the plate and frame heat exchanger it is then piped directly to a 10 inch diameter recharge well that is located 120 feet away from the supply well.

END OF MEMO

cja/2173wellwaterapp87m.wpd

MICROFILMED

TOTAL P.001

FEB 13 1998



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

October 21, 1997

COEUR D'ALENE SCHOOL DISTRICT NO. 271
311 N 10TH ST
COEUR D'ALENE ID 83814

RE: Application for Permit No. 95-08964

Dear Sirs,

The above referenced application has reached the State Office for final review and processing. Before the application can be approved I will need additional information concerning your project. Due to the requirement of Water Allocation Rule 035.03.b.i., I need a list of the names, titles, and addresses of all the officers/trustees of Coeur d'Alene School District No. 271.

Also, Idaho water law requires appropriated water to be put to beneficial use and limits the issuance of water rights to amounts that can be shown as beneficially used for uses described on the water right. I need to know more details of your project in order to justify the rate of diversion you have applied for. Specifically, I am requesting the following information.

- The function of the building(s) to be heated, ex., home, shop, maintenance building;
- The dimensions or square footage of the building(s) to be heated;
- The number of stories of the building(s);
- The exact temperature of water you expect to use;
- The insulation value (R value) of the building(s);
- If using a ground source heat pump, please provide manufacturer's water use data;
- A description of the proposed method of disposing discharge or waste water.

Thank you for your time and assistance in these matters. I will hold the application for 15 days from further processing pending your reply. Please respond at your earliest convenience in order to prevent undue delay in processing this application.

If you have any questions, you may contact me directly at (208) 327-7944.

Sincerely,

Cindy Zimmerman
Water Resource Agent

MICROFILMED
FEB 13 1998

No. a
4/87-06/92n

I DEPARTMENT OF WATER RESOURCE
APPROVAL APPLICATION ANALYSIS SHEET

RECEIVED

WR 1
WRA
BC

JUL 14 1997

APPLICATION # 95-08964

DEPARTMENT OF WATER RESOURCES

***** INITIAL REVIEW *****

APPLICANT: CEL A SCHOOL DIST. BY: AB DATE: 5/21/97

ITEM REQUIRED INFORMATION

1. (X) Name and Address
2. (X) Source
3. (X) Point of Diversion & County
4. (X) Quantity
(X) Nature of Proposed Use
(X) Period of Use
5. (X) Total Quantity
6. (X) Description of diverting works
7. (X) Time required for b/u
8. (X) Proposed use
9. (X) Place of use or acres irrigated
10. (X) Other Water Rights
11. (X) Ownership
13. (X) Map
(X) Signature
(X) Fee (Amt, recpt, acknowledgment)

*** Send info sheet Y() N()

ADDITIONAL INFORMATION

Yes No

- X Field check: by _____
X Field report attached
X Analysis Supp. attached (>5cfs/500af)
X Water delivered by water master?
Water District # _____

PROCESSING

Yes No

PRIORITY DATE: 5/21/97

- X (Include Moratorium Remark)
X Statewide Avertising: (Diversion rate greater than 10 cfs or 1,000 af).
CA/Thins/ok

ADVERTISE IN: KOOTENAI County.

LETTERS SENT REQUESTING:

- () Dam Information () Fish Information
() Power Information () Other: N/A

INFORMATION RECEIVED:

- () Dam Information () Fish Information
() Power Information () Other: N/A

***** GROUNDWATER SECTION *****

(Yes) (No)

Checked by: _____ Date: ____/____/____

Remarks: _____

- X Groundwater management area
X Critical ground water area
X Well Drilling Permit required
X Well Drilling Application and Fees received
Well Drilling Application approved?
Well Drilling Application Number _____

***** FINAL REGIONAL PROCESSING/REVIEW *****

(Yes) (No)

- Notice of pending void order issued. Final order response date: ____/____/____
Further information required from applicant
6/10 Affidavit of publication received
6/10 Application published correctly, If not, record action taken: _____

- 5/23 Publication dates and paper recorded on application
Protests received. Final protest date: 6/23/97
6/23/97
Measuring device required
Measuring port required
Special conditions: _____
Special conditions of approval supplement and/or cover letter attached:

Approval Recommended by: AB Date: 6/30/97

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, } ss.
County of Kootenai,

Michelle Price being first duly sworn
upon oath deposes and says:

1. I am now and at all times hereinafter mentioned was a citizen of the United States, resident of the State of Idaho, over the age of twenty-one years and not a party of the above entitled action.

2. I am now and at all times hereinafter mentioned was the printer (principal clerk) of the "Coeur d'Alene Press," a newspaper printed and published daily except Sunday in Coeur d'Alene, Kootenai County, Idaho, and having a general circulation in said county.

3. The Legal Notice

of which the annexed is a printed copy, was published in the regular Thursday issue of said newspaper for 2 consecutive weeks commencing on the 5th day of June, 1997, and ending on the 12th day of June, 1997, and such publication was made as often during said period as said daily newspaper was regularly issued.

4. That said newspaper has been continuously and uninterruptedly published in said Kootenai County, during a period of more than seventy-eight consecutive weeks immediately prior to the first publication of said notice.

Michelle Price

Subscribed and sworn to before me this 12th day of June, 1997.

Roberta Manley
Notary Public for the State of Idaho,
residing at Coeur d'Alene, Idaho.

ROBERTA MANLEY
My commission expires 2-5-99

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

95-08963

KUHN, ROBERT
2118 2ND STREET
BAKERSFIELD, CA 93304
Source: TWIN LAKES
Tributary: RATHDRUM CREEK
Diversion Pt: LOT 9 (SWNWSW) Sec 5 T
52N R 04W in KOOTENAI County.
Use: DOMESTIC (0.040 CFS)
Total Diversion: (0.040 CFS)

Date Filed: 5/12/1997

In: KOOTENAI County

T52N R04W S05 Lot 9 (NWSW)

95-08964

COEUR D ALENE SCHOOL DISTRICT
NO 271
311 N 10TH STREET
COEUR D ALENE, ID 83814 sk

Source: GROUNDWATER
Diversion Pt: NWSE Sec 34 T 51N R 04W
in KOOTENAI County.

Use: HEATING (1.000 CFS)
COOLING (1.000 CFS)
Total Diversion: (1.000 CFS)

Date Filed: 5/21/1997

In: KOOTENAI County

T51N R04W S34 NWSE

For additional information concerning the property location, call the Northern Regional Office at (208) 769-1450.

The permit(s) will be subject to all prior water rights. Protests must be filed with the applicant and with the Director, Dept. of Water Resources, Northern Region, 1910 Northwest Blvd., Suite 210, Coeur d'Alene, Idaho 83814, together with a protest fee of \$25.00 on or before JUNE 23, 1997.

KARL J. DREHER, Director

Legal 406
June 5, 12, 1997

RECEIVED

JUN 10 1997

NORTHERN REGION
IDWR

RECORDED

JUN 13 1998

May 28, 1997

Coeur d'Alene School District No. 271
311 N 10th Street
Coeur d Alene ID 83814

Re: Water Appropriation Application No. 95-08964

Gentlemen:

The Idaho Department of Water Resources hereby acknowledges receipt of the above referenced Application for Permit to appropriate the Public Waters of the State of Idaho. To assist us in providing you with prompt, accurate service, please refer to the above referenced number in all future matters concerning this water right application.

Your appropriation application is currently being prepared for advertising in the local county newspaper. This advertisement will be published for two consecutive weeks followed by a waiting period of ten days to allow for the submittal of protests. Normal processing time is approximately 3 to 4 months, if the application is not protested.

If the application is not protested, it will be forwarded to Boise to be considered for approval by the Director. State office personnel will then conduct a complete review, and you will be notified by mail of the outcome. However, if the application is protested during this waiting period, you will be sent a copy of the protest and instructions to aid you in resolving the protest without a hearing. All protests must be resolved before approval of the application can be made, so if the protestant does not voluntarily withdraw the protest, this department will conduct a conference and/or hearing on the matter.

You will receive your approved Application for Permit and instructions on filing the Proof of Beneficial Use from our State office in Boise.

If your source is groundwater, a Well Drilling Permit is required for all wells constructed after July 1, 1987.

A "Domestic" well drilling permit should be obtained for a rate of diversion of up to 18 gallons per minute (0.04 CFS) and a daily volume of up to 2,500 gallons per day. The cost for this permit is \$75.00. For any other use, including multiple homes, or municipal, etc., the Drilling Permit fee is \$200. These Permits can be obtained by your driller, also. It is sometimes possible to upgrade an existing Domestic Drilling Permit by submitting a fee for the difference. This, however, depends on the individual well.

If you have any questions or if I can be of any assistance please feel free to contact me at this office.

Sincerely,

ALLEN BEARDSLEE
Senior Water Resources Agent

AB:db

MICROFILMED

FEB 13 1998

95-08964

COEUR D ALENE SCHOOL DISTRICT NO 271
311 N 10TH STREET
COEUR D ALENE, ID 83814

Source: GROUNDWATER

Diversion Pt: NWSE Sec 34 T 51N R 04W in KOOTENAI County.

Use: HEATING	(	1.000 CFS)
COOLING	(	1.000 CFS)
Total Diversion:	(	1.000 CFS)

Date Filed: 5/21/1997

In: KOOTENAI County
T51N R04W S34

NWSE

MICROFILMED

FEB 13 1998

A1.
Date

19th

Time

3:30

☐ AM
☒ PM**WHILE YOU WERE OUT**

M

Scott Fisher

of

Phone ()

Area Code

Number

Extension

TELEPHONED

CALLED TO SEE YOU

WANTS TO SEE YOU

PLEASE CALL

WILL CALL AGAIN

URGENT

RETURNED YOUR CALL

Message

Coeur d'Alene Middle
School.

Operator

AMPAD
EFFICIENCY®REORDER
#23-000

IMMEDIATE CHECK REQUEST
REQUESTED BY Dave

SCHOOL# Finance
REASON Fees

DATE 5-16-97

PO# 93685 CK# 109424
PLEASE ATTACH THE VENDOR'S
RECEIPT TO THIS FORM AND
RETURN TO SALLY IN FINANCE.
THANK YOU.

MICROFILMED

FEB 13 1998

COEUR D'ALENE SCHOOL DISTRICT
COEUR D'ALENE, IDAHO 83814
PURCHASE ORDER

P.O. # 93685

INSTRUCTIONS: The purchase order number must appear on all invoices and statements and on the outside of the container in which it is received. If the order cannot be supplied within 60 days, please cancel. This order is tax exempt (Idaho # 12389-S).

VENDOR: Idaho Dept Water Resources 1910 N.W. Blvd, Suite 210 Coeur d'Alene, ID 83814		BILL TO: COEUR D'ALENE SCHOOL DISTRICT 311 N. 10th Street Coeur d'Alene, ID 83814-4299 (208) 664-8241		
SHIP TO: School Dist 271 311 N. 10th St Coeur d'Alene, ID 83814		Order Date: 5-16-97	Department:	
		Budget Code: 529 410-810-531		

Unit	Catalog #	Item Description	Unit Price	Total
1		well fee for 3rd M: School Application for Permit. Per Bob - Water Right App ↓ Receipt # N011202 DANA H2O 667-9402 Booth RISAER NW 1/4 SE 1/4 5/30-		100.00

RECEIVED
MAY 19 1997
NORTHERN REGION
IDWR

MICROFILM
FEB 13 1998

Wayle Vopat
Principal/Director

Dave Teates
Finance Office

TOTAL

VENDOR

PURCHASE ORDER

P.O. # 93685

INSTRUCTIONS: The purchase order number must appear on all invoices and statements and on the outside of the container in which it is received. If the order cannot be supplied within 60 days, please cancel. This order is tax exempt (Idaho # 12389-S).

VENDOR: Idaho Dept Water Resources 1910 N.W. Blvd, Suite 210 Coeur d'Alene, ID 83814		BILL TO: COEUR D'ALENE SCHOOL DISTRICT 311 N. 10th Street Coeur d'Alene, ID 83814-4299 (208) 664-8241	
SHIP TO: School Dist 271 311 N. 10th St Coeur d'Alene, ID 83814		Order Date: 5-16-97	Department:
		Budget Code: 529 410-810-551	
Unit	Catalog #	Item Description	Total
/		well fee for 3rd M.S. School Application for Permit Per Bob - Water Right App ↓ Receipt # NO11203 RECEIVED MAY 19 1997 NORTHERN REGION IDWR 6/23/97 MICROFILMED FEB 13 1998	100.00

W. Wayne Vozzot
Principal/Director

Finance Office

TOTAL

PRINCIPAL/DIRECTOR

05/16/97

CHECK NO. 424

ST/ID/WATER/RES ST OF ID DEPT WATER RESOURCES

Reference Expense Acct	Invoice	Net
PO#93685 410.810.529.000.000	PO#93685	100.00

RECEIVED
MAY 19 1997
NORTHERN REGION
IDWR

MICROFILMED
FEB 13 1998