

Rocky Beach Recreational Water & Sewer District
P.O. Box 126
Spirit Lake, ID 83869

RECEIVED

AUG 25 2008

DEPARTMENT OF
WATER RESOURCES

August 22, 2008

State of Idaho
Department of Water Resources
322 E. Front Street
P.O. Box 83720
Boise, ID 83720-0098

Attention: Debbie Gibson
RE: Permit #96-9011

Dear Ms. Gibson:

I spoke to you in June regarding our lapsed Beneficial Use Permit #96-9011. It has taken me longer than I expected to collect the documentation I think you require. Since we were not living here during the time the new well was drilled, some of this is confusing to me. I have spoken to some of the members of the previous Board of Directors, and they didn't seem to know or remember anything about this.

The Rocky Beach Recreational Water & Sewer District is located on the east shore of Spirit Lake. Our district is very small. We have a total of 51 residences owned by 48 families, of which 12 residences are occupied by approximately 28 people year around. The remaining 39 residences are seasonal vacation homes. Many of the vacation homes are in a natural setting in the woods with little to no lawn areas. Since most families are here during the summer months, our greatest usage is during these months. To prevent running the main well reservoir dry, the membership voted to drill another well to use as a back-up water source and keep the main well reservoir full.

I have enclosed the following documentation:

- 1- Form #217 - Statement of Completion. I have filled this form out to the best of my ability. I have not included a fee, if I understand the chart correctly, since our water source is ground water a fee is not necessary.
- 2- As Built
- 3- Hours & Cubic Usage 1/06 - 6/08 obtained from maintenance records of meter readings. Our maintenance person misplaced the meter reading log for prior readings.
- 4- Electrical Usage Comparison on the new well and main well. These were taken from our utility bills and are in kilowatt hours.
- 5- Letter dated 10/20/97 to Brian Patton for the new well Loan Application and supporting documentation.

- 6- Letter dated 10/21/98 to Brian Patton & supporting documentation regarding drilling of new well completion.
- 7- Letter dated 12/15/98 from Frame & Smetana to Gary J. Gaffnew, and copy to Brian Patton regarding completion certification by Frame & Smetana.
- 8- Letter to Brian Patton dated 12/16/98 regarding engineers completion report.
- 9- Letter from Dept. of Environmental Quality, dated December 17, 2003 regarding inspection of well #2.

Should you require any additional information, please contact me at 208-623-5130.

Thank you,



Cynthia A. Kroetch
Secretary/Treasurer

Rocky Beach Recreational Water & Sewer District

RECEIVED

AUG 25 2008

DEPARTMENT OF
WATER RESOURCESSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEMENT OF COMPLETION

DEPARTMENT OF
WATER RESOURCES FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY

Amt. of Fee \$: _____
Receipt No. _____
Receipt By: _____
Date Received: _____

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has completed all work that will occur for the development of a water right and that water has been applied to beneficial use(s) to the extent described below. **This form must be accompanied by a license examination fee, when necessary, or accompanied by a completed Beneficial Use Field Report prepared by a certified water right examiner.** If you no longer own the property and want to convey this permit to the new owner, please complete an Assignment of Permit form and send it to the Department with a \$25.00 filing fee. Assignment forms are available from any Department office or at www.idwr.idaho.gov.

1. Permit No. 96-9011 Telephone No. 208-623-51302. Name of Permit Holder(s): Rocky Beach Recreational Water & Sewer District3. Mailing Address: P.O. Box 126 City Spirit LakeState ID Zip 83869 Email: _____4. Source of Water: Ground Water If **GROUND WATER** (well), Date Drilled: mo. 9 or 10 / yr. 98Well Driller: United Drilling, Inc. Drilling Permit Number: 96-98-N-0197-000

5. Extent of use(s) completed (as authorized by the water right permit):

Domestic (No. of households): 51 Stockwater (No. and type of stock): 6? Irrigation (No. of acres): _____ Other: Amended

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

7. Compliance with a Measuring Device requirement and/or other Conditions of Permit: (Refer to the approval conditions on your permit and respond accordingly.)

Measuring Device: Is a measuring device required?

If yes, has the measuring device been installed?

Yes ☒ or No ☐Yes ☒ or No ☐

Conditions of Permit: Does your permit require you to submit additional information in connection with your proof of beneficial use? (If yes, please list the conditions below and provide documents if necessary.)

Completed?

Yes ☐ or No ☐

Completed?

Yes ☐ or No ☐8. Fee Enclosed: \$? (See Fee Schedule on back of the instructions for filing proof of beneficial use. Proofs filed without an appropriate fee, will be considered incomplete.)

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

Name: Cynthia A. Kroetch Telephone Number: 208-623-5130Mailing Address: 31067 N. Nautical Loop City Spirit LakeState ID Zip 83869 Email: signdisplay8@verizon.net

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 and applied to a beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

Signature of permit holder: Cynthia A. Kroetch Dist. Sec. Date: 8-22-08
(include your title, if on behalf of company or organization)

LE PARD & FRAME
 REGISTERED PROFESSIONAL ENGINEERS
 Civil Engineering • Land Surveying
 681 North 4th St. Phone 664-2121
 Coeur d'Alene, Idaho 83814
 JOHN A. (JACK) SMETANA P.E.

SHAW
BORDON'S
SUBDIVISION

4+23.11 1/4° EL. (V)
 6+24 22 1/2° EL.
 6+99 11 1/4° EL.
 7+42 F.H. (9' R.)
 7+56 22 1/2° EL.
 8+69 11 1/4° EL.
 9+87 22 1/2° EL.
 10+01 90° EL.

ROCKY BEACH
WATER & SEWER DISTRICT
BOUNDARY

TOWNSHIP

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

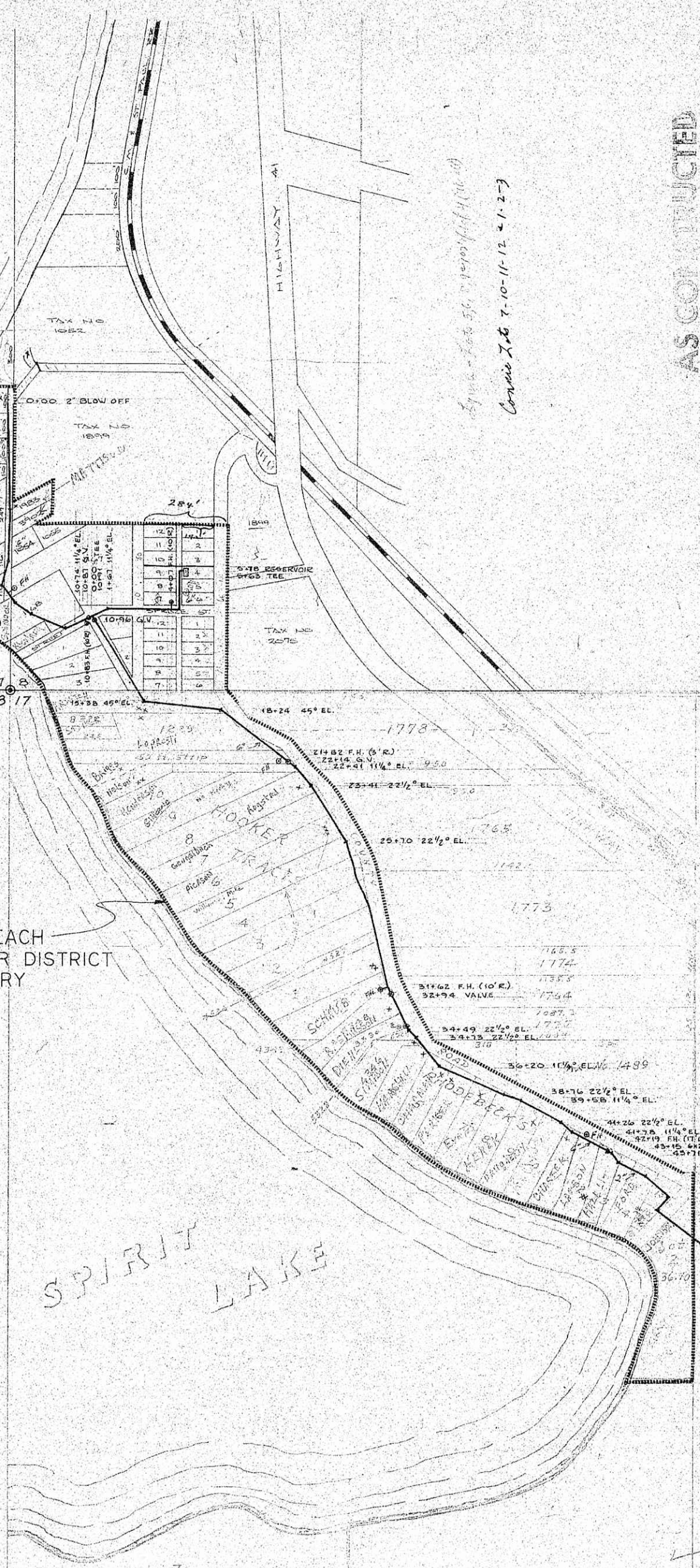
COOTENAI COUNTY
IDAHO

SECTION NUMBER SYSTEM
IN STANDARD TOWNSHIP

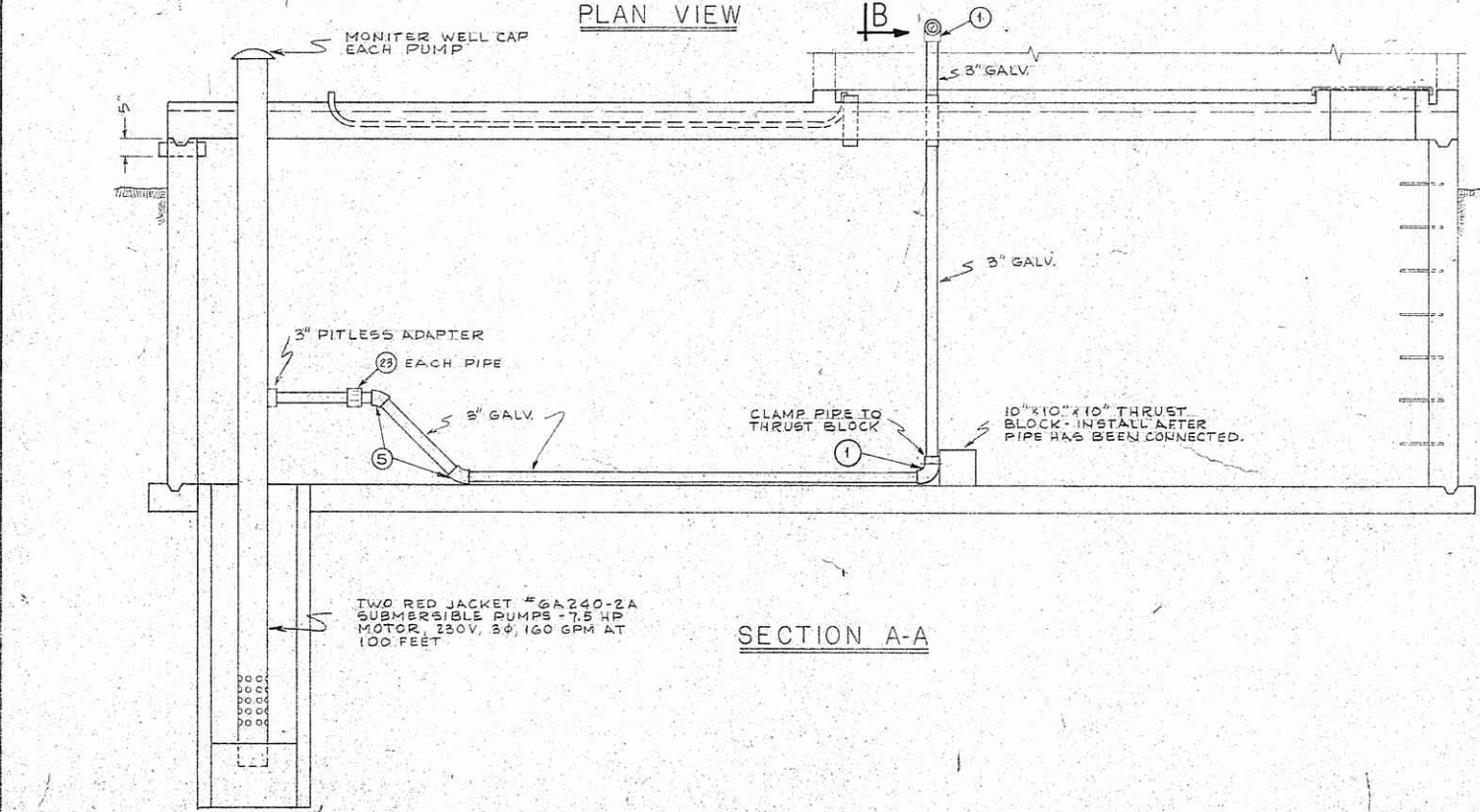
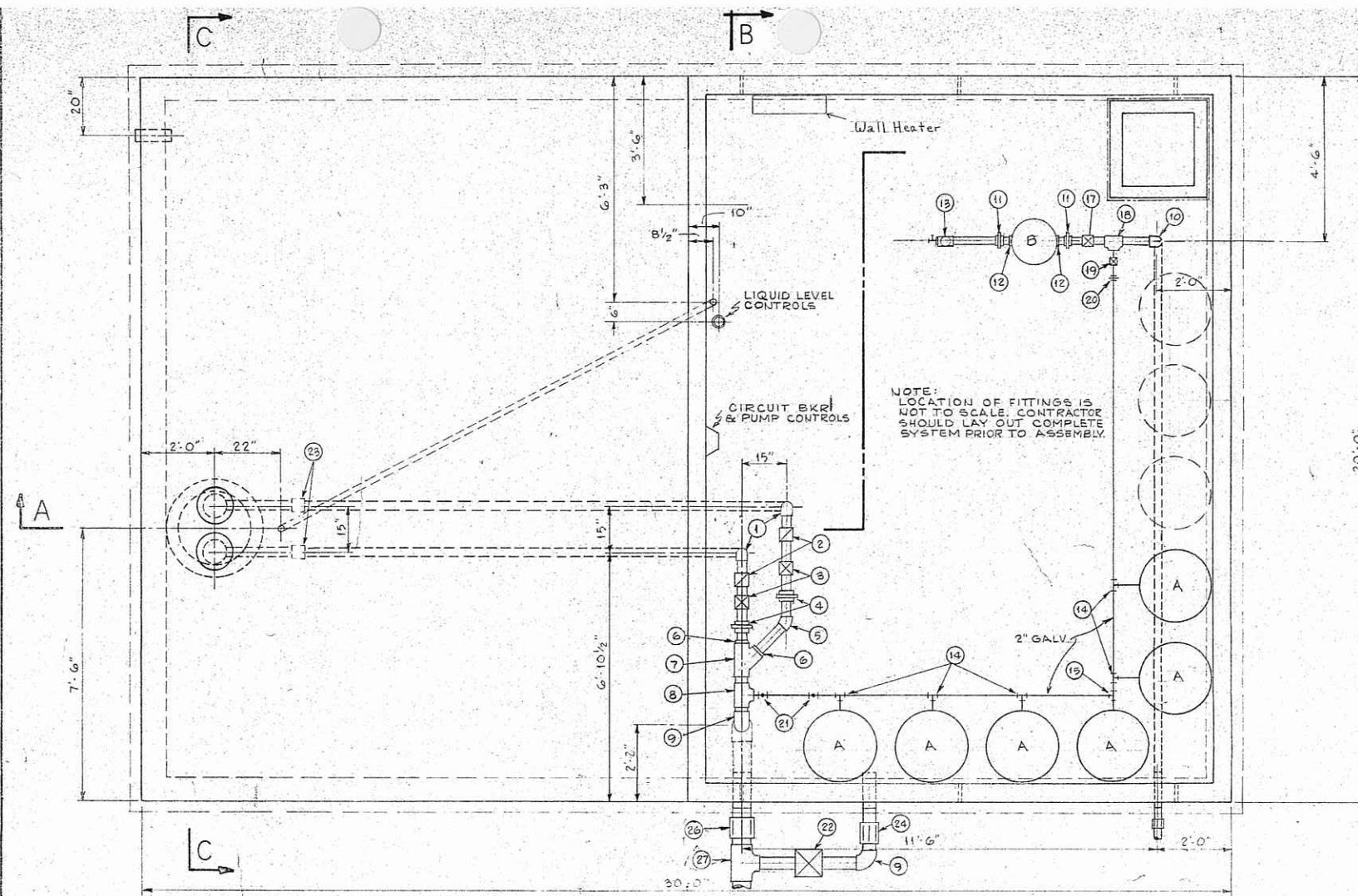
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7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

QUARTER NAME AND NUMBER SYSTEM
IN STANDARD SECTION

SPIRIT LAKE



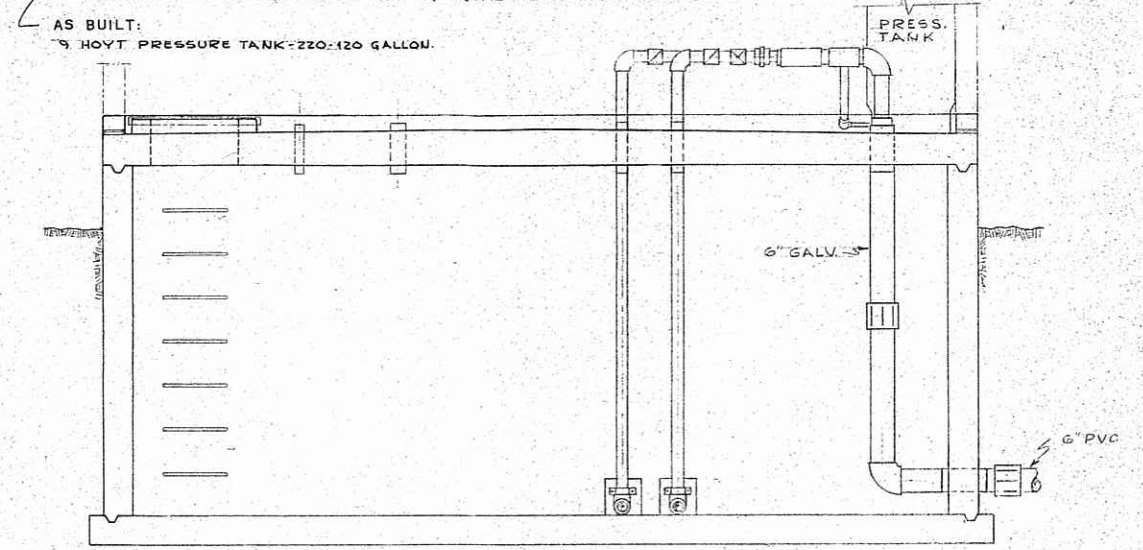
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1881, 1891, 1901, 1911, 1921, 1931, 1941, 1951, 1961, 1971, 1981, 1991, 2001, 2011, 2021, 2031, 2041, 2051, 2061, 2071, 2081, 2091, 2101, 2111, 2121, 2131, 2141, 2151, 2161, 2171, 2181, 2191, 2201, 2211, 2221, 2231, 2241, 2251, 2261, 2271, 2281, 2291, 2301, 2311, 2321, 2331, 2341, 2351, 2361, 2371, 2381, 2391, 2401, 2411, 2421, 2431, 2441, 2451, 2461, 2471, 2481, 2491, 2501, 2511, 2521, 2531, 2541, 2551, 2561, 2571, 2581, 2591, 2601, 2611, 2621, 2631, 2641, 2651, 2661, 2671, 2681, 2691, 2701, 2711, 2721, 2731, 2741, 2751, 2761, 2771, 2781, 2791, 2801, 2811, 2821, 2831, 2841, 2851, 2861, 2871, 2881, 2891, 2901, 2911, 2921, 2931, 2941, 2951, 2961, 2971, 2981, 2991, 3001, 3011, 3021, 3031, 3041, 3051, 3061, 3071, 3081, 3091, 3101, 3111, 3121, 3131, 3141, 3151, 3161, 3171, 3181, 3191, 3201, 3211, 3221, 3231, 3241, 3251, 3261, 3271, 3281, 3291, 3301, 3311, 3321, 3331, 3341, 3351, 3361, 3371, 3381, 3391, 3401, 3411, 3421, 3431, 3441, 3451, 3461, 3471, 3481, 3491, 3501, 3511, 3521, 3531, 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17311, 17321, 17331, 17341, 17351



MATERIAL LIST

No.	DESCRIP.	QTY
1	90° GALV. EL.	1
2	CHECK VALVE	1
3	GATE VALVE	1
4	UNION	1
5	45° GALV. EL.	1
6	4" GALV. REDUCER	1
7	LATERAL	1
8	4"X2" GALV. RED. TEE	1
9	90° GALV. EL.	1
10	2" GALV. UNION	1
11	2"X2" GALV. REDUCER	1
12	TEE W/ RED. & HOSE BIB	1
13	2"X2" GALV. RED. TEE	1
14	2"X1/4" GALV. RED. TEE	1
15	2"X1/4"X2" GALV. RED. TEE	1
16	90° GALV. EL.	1
17	2" GATE VALVE	1
18	2"X2"X2" GALV. RED. TEE	1
19	2" GATE VALVE	1
20	UNION	1
21	45° GALV. EL.	1
22	GATE VALVE	1
23	DRESSER CPLG.	1
24	DRESSER CPLG. - GALV. TO PVC	1
25	DRESSER CPLG.	1
26	DRESSER CPLG. - GALV. TO PVC	1
27	6"X4" PVC RED. TEE	1
28	2 1/2" DRESSER CLPG.	1

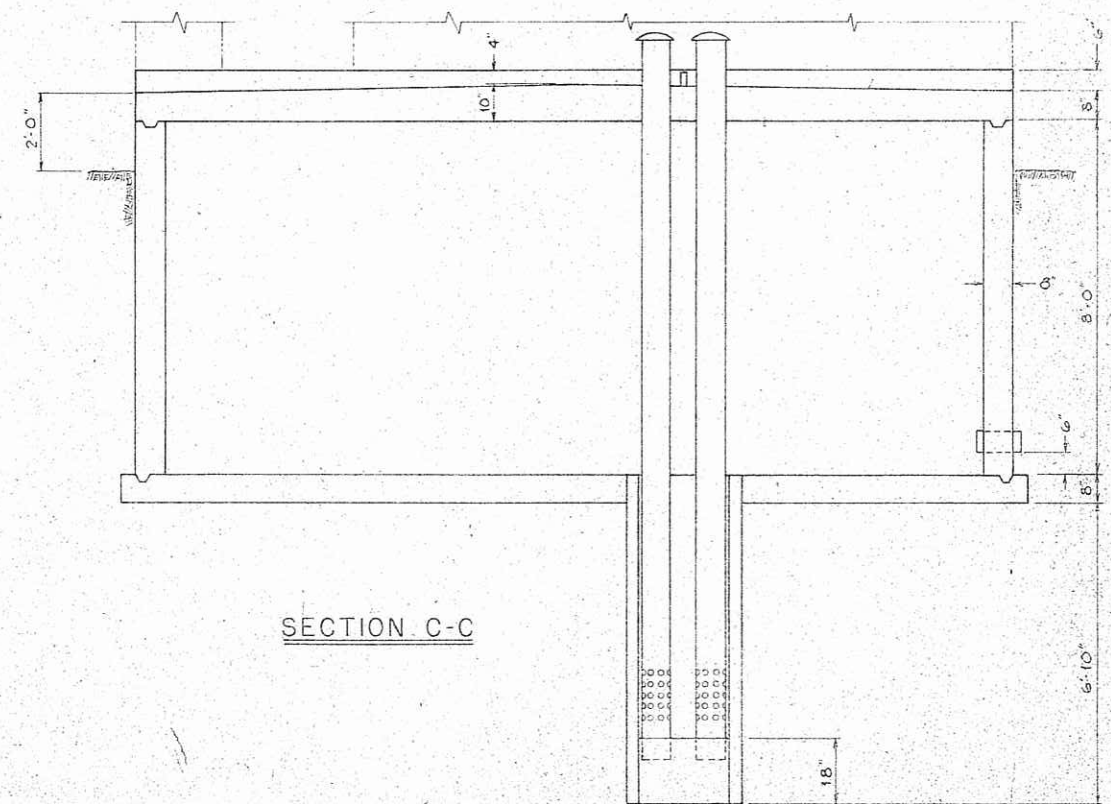
AS BUILT:
 A WELL-X-TROL WX252 OR EQUAL PRESSURE TANK W/ UNION VALVE & HOSE BIB
 B 2" WATER METER - ROCKWELL SR OR EQUAL - SCREWED FITTINGS

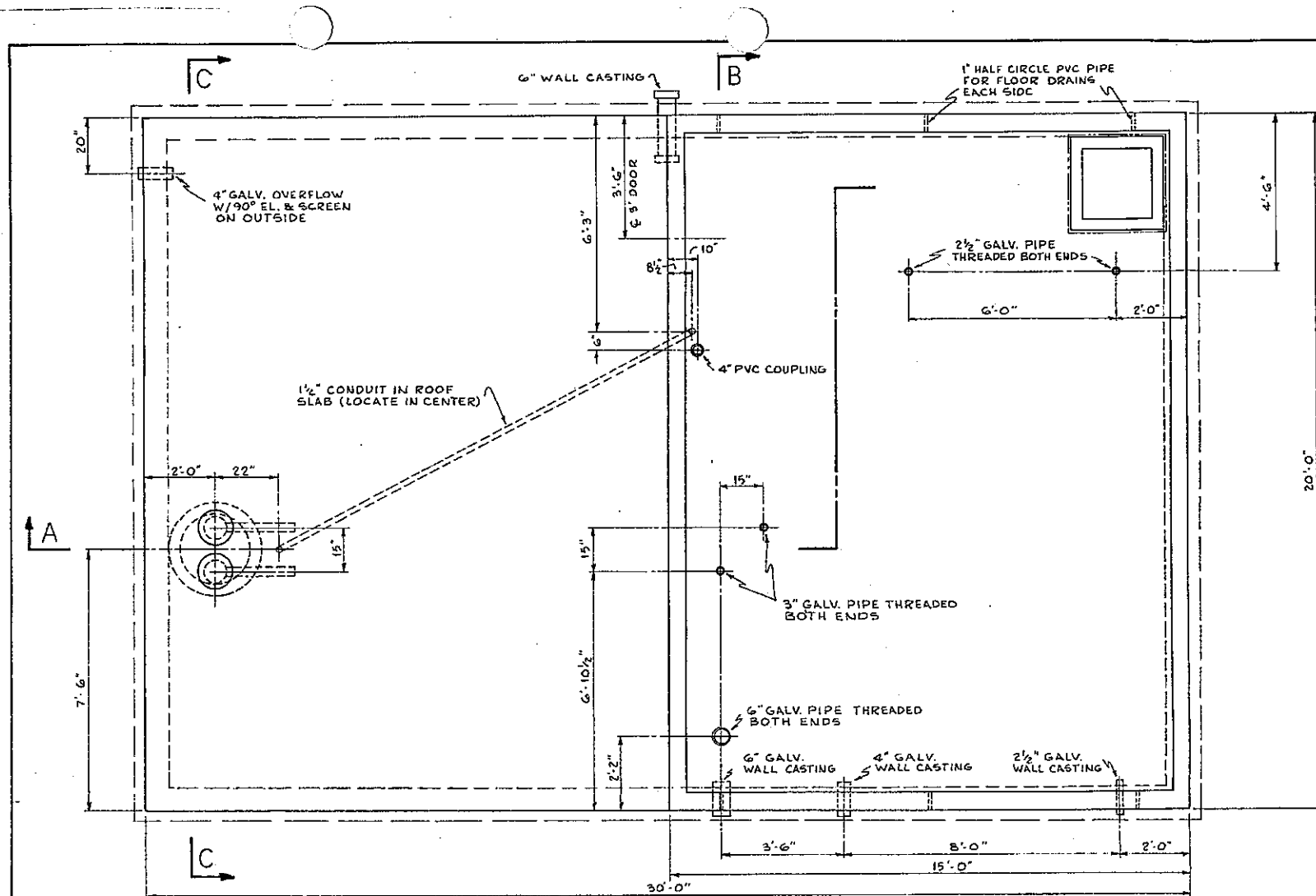


AS BUILT: METAL

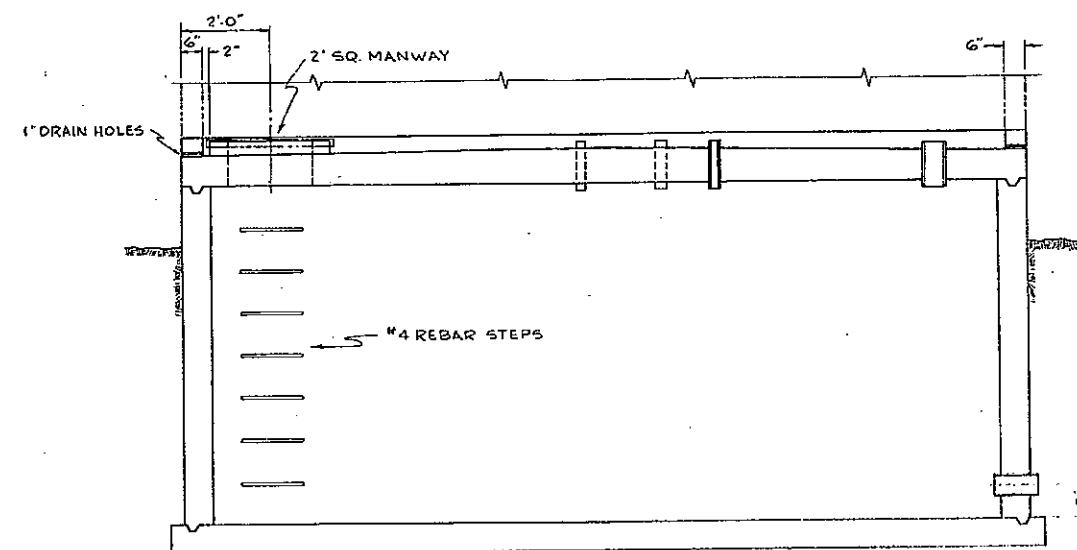
PUMPHOUSE

CONSTRUCT A 15'X20' CONCRETE BLOCK INSULATED PUMPHOUSE OVER THE RESERVOIR. THE FLOOR OF THE PUMPHOUSE SHALL BE THE TOP SLAB OF THE CONCRETE RESERVOIR. THE ROOF SHALL BE WOOD CONSTRUCTION, INSULATED, AND COVERED WITH ASPHALT SHINGLES. INSTALL AN ALUMINUM VENT UNDER EACH GABLE WITH HINGED WOODEN DOOR FOR WINTER CLOSURE. THE DOOR SHALL BE STEEL FRAME CONSTRUCTION WITH LOCKING HARDWARE. INSTALL TWO OVERHEAD LIGHTS WITH A SWITCH AT THE DOOR. (SEE SPECIFICATIONS)

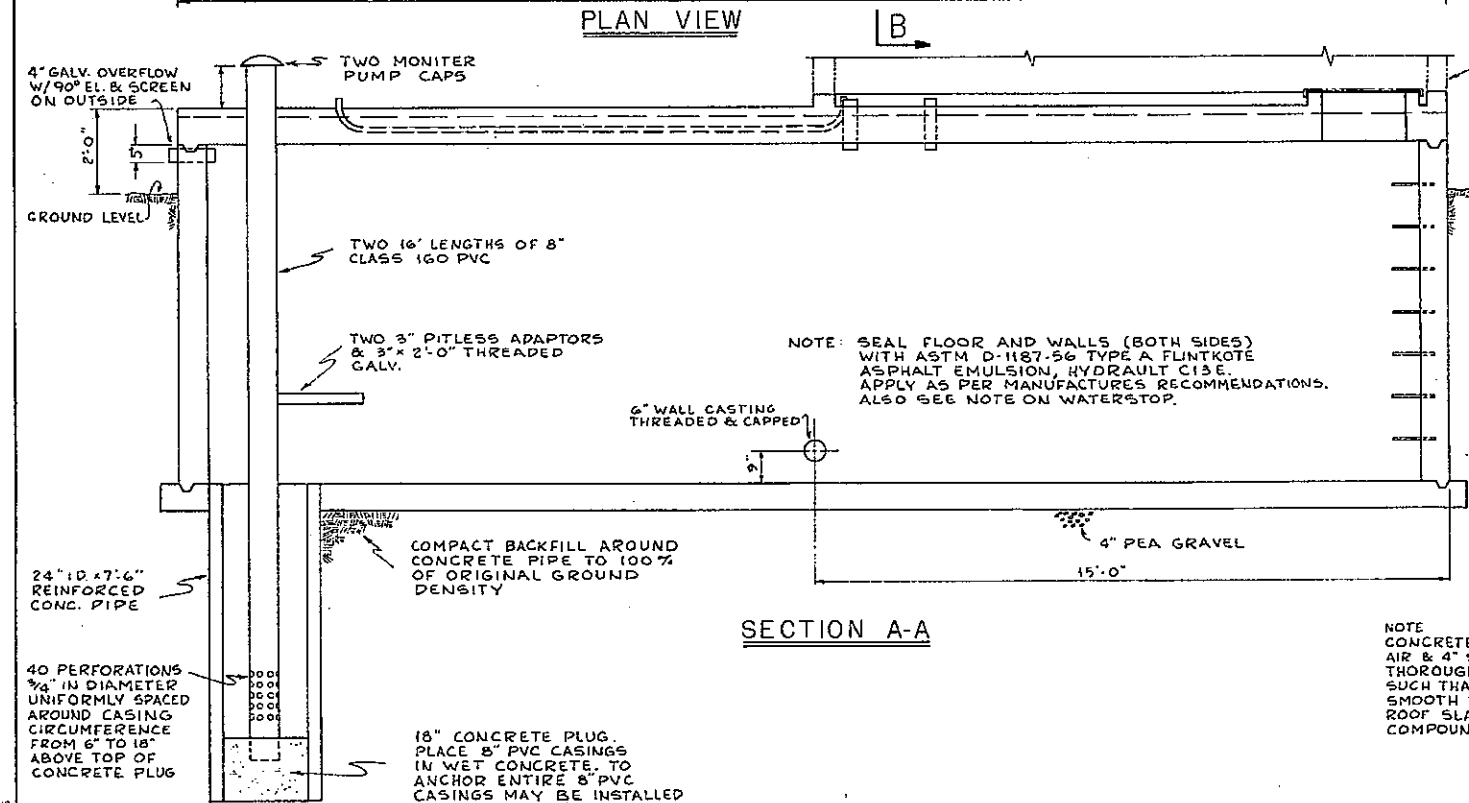




PLAN VIEW

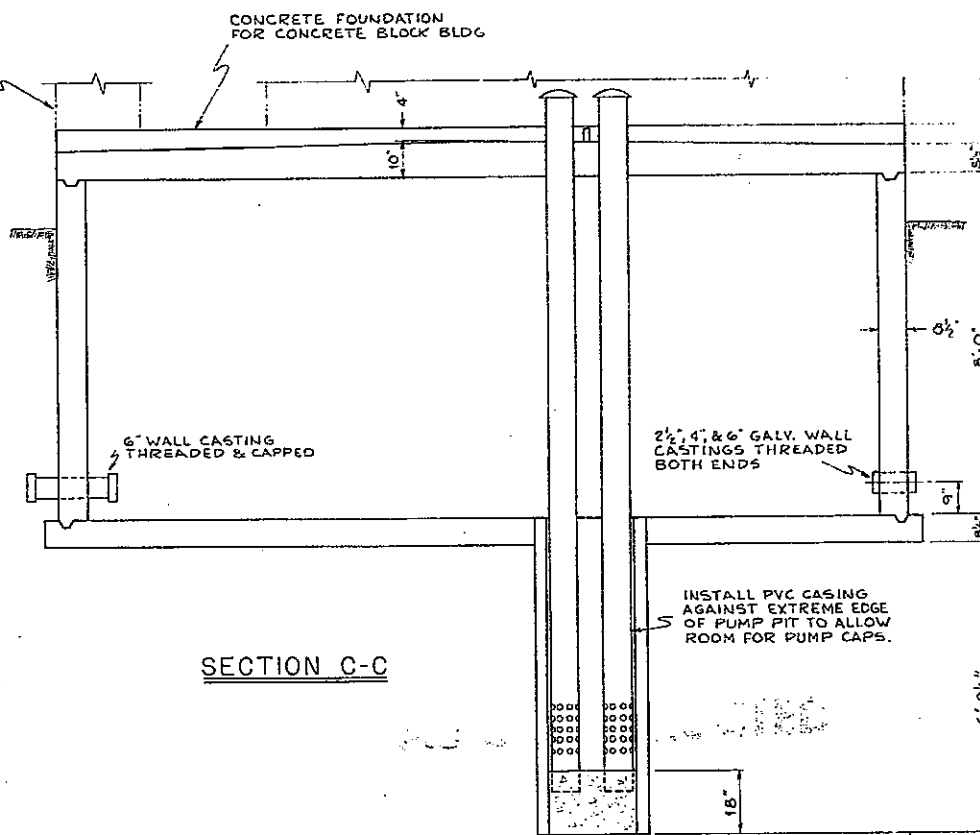


SECTION B-B



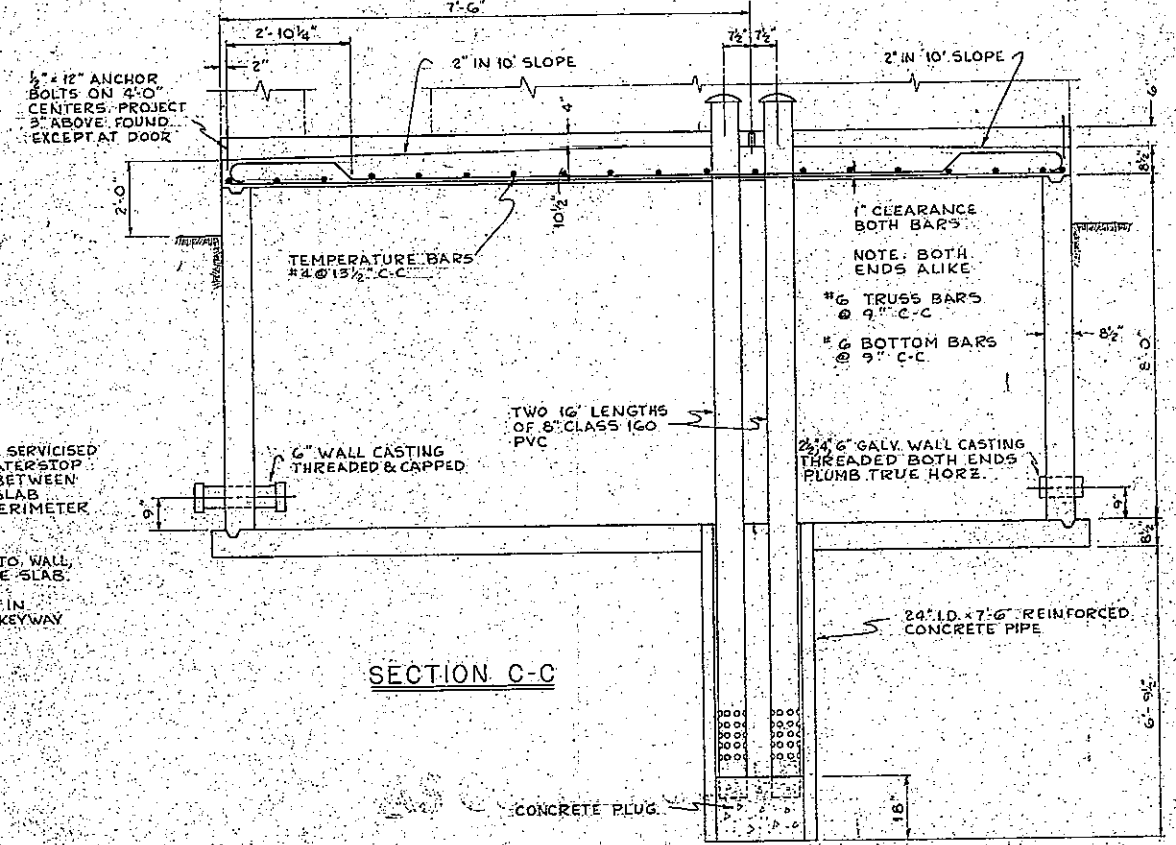
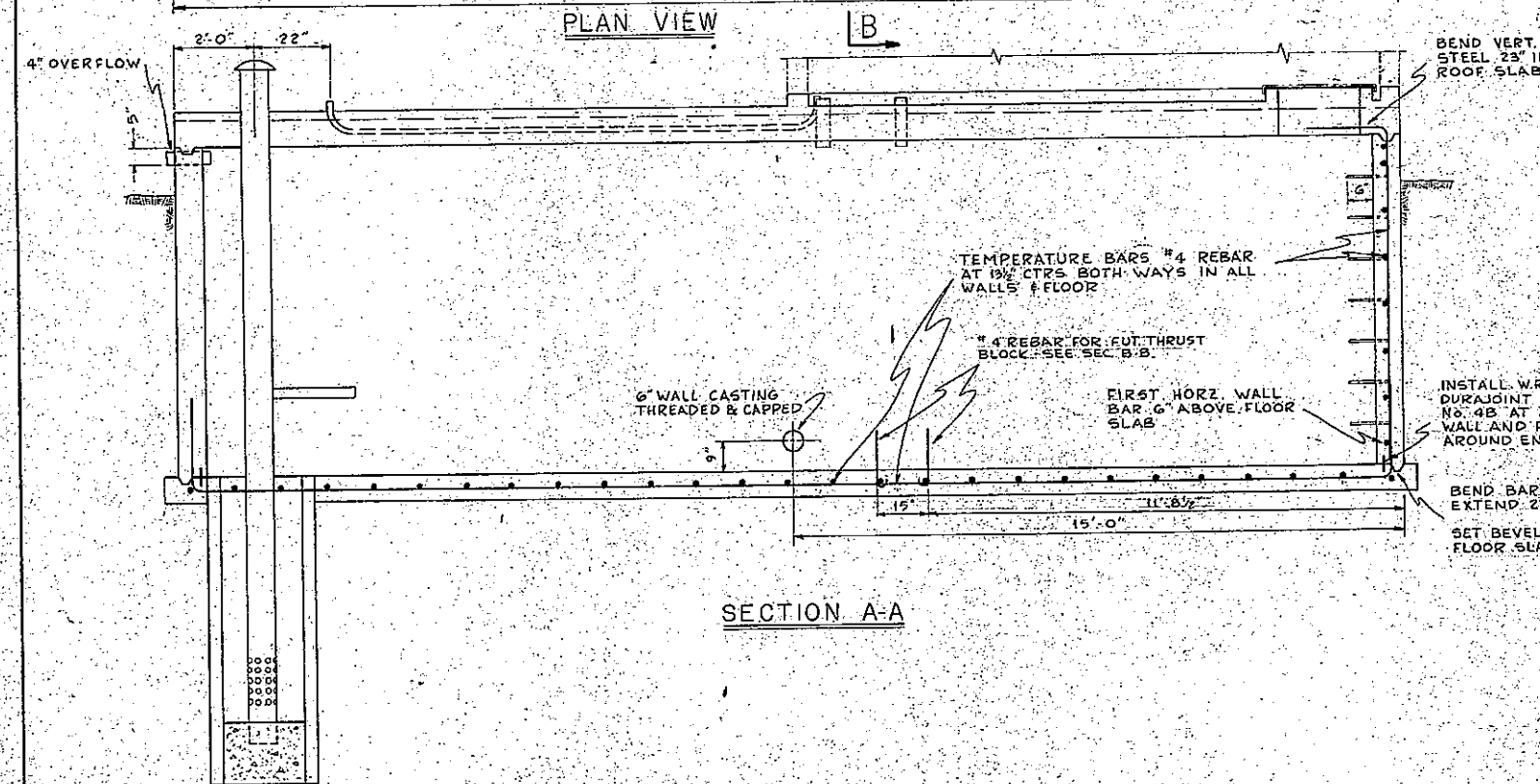
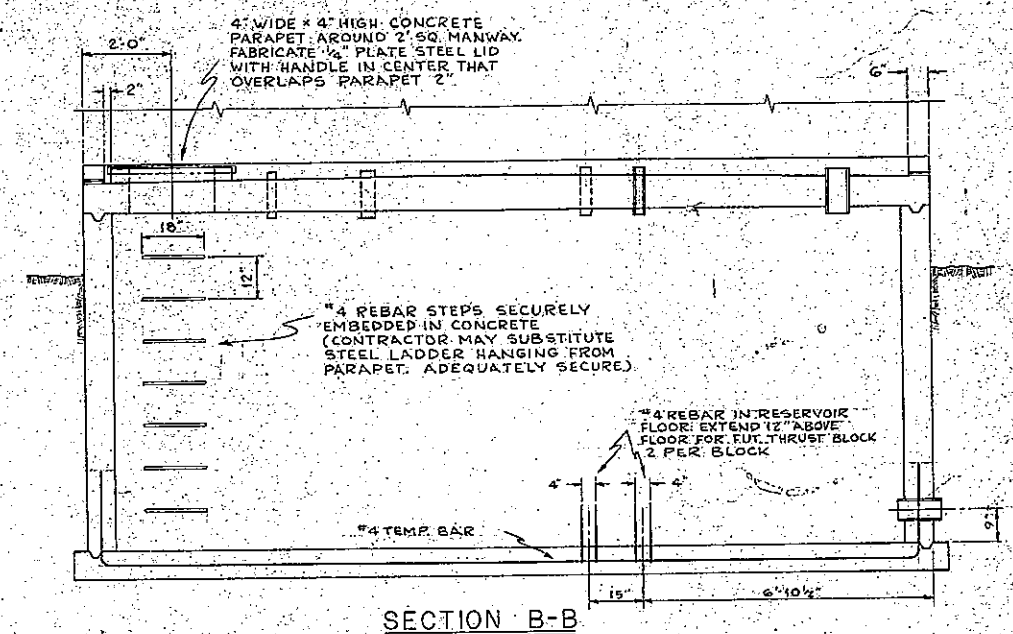
SECTION A-A

CONCRETE BLOCK PUMPHOUSE



SECTION C-C

NOTE: CONCRETE SHALL BE SIX SACK WITH ENTRAINED AIR & 4" SLUMP. ALL CONCRETE SHALL BE THOROUGHLY RODDED OR VIBRATED IN FORMS SUCH THAT NO HONEYCOMBING WILL OCCUR. SMOOTH TROWEL FINISH BOTH FLOOR AND ROOF SLAB. APPLY COMMERCIAL CURING COMPOUND IMMEDIATELY AFTER FINISHING.



Rocky Beach Recreational Water & Sewer District
Hours & Cubic Feet Usage
Maintenance Log 1/06 - 6/08

Date	Well #1		Well #2	
	Hours	Cubic Feet	Hours	Cubic Feet
01-06	21.2	778	26.6	79.8
02-06	30.5	480	35.7	40.3
03-06	26.0	478	36.2	112.2
04-06	19.8	1993	28.4	167.9
05-06	111.4	5852	108.7	135.4
06-06	148.5	4234	181.7	791.31
07-06	432.2	16752	433.4	1365.8
08-06	284.8	5454	127.6	784.4
09-06	542.9	15643	498.2	1146.7
10-06	43.5	1767	52.3	178.1
11-06	395.8	339	33.3	100.9
12-06	348.4	381	32.0	96.0
01-07	23.8	898	29.0	86.9
02-07	9.5	372	14.5	43.3
03-07	17.6	595	25.1	68.6
04-07	32.9	1480	43.4	142.9
05-07	108.9	4739	164.3	509.1
06-07	241.0	10525	250.3	951.1
07-07	512.0	20500	465.0	1300.0
08-07	322.9	12536	185.8	417.8
09-07	168.8	10579	97.9	352.5
10-07	61.0	2658	14.5	42.2
11-07	35.8	1552	3.8	11.1
12-07	33.6	1442	3.8	10.6
01-08	23.3	423	8.9	6.4
02-08	265.0	1722	4.8	54.7
03-08	90.0	2998	84.5	48.5
04-08	125.0	2269	5.5	16.3
05-08	17.2	4609	15.9	155.6
06-08	184.3	7557	166.0	396.8

Rocky Beach Recreational Water & Sewer District
P.O. Box 126
Spirit Lake, ID 83869

Avista Utilities
Electrical Usage
Comparison between New Well & Main Well

Dates	New Well	Main Well
12/20/00 - 01/23/01	450	1370
01/23/01 - 02/20/01	405	1020
02/20/01 - 03/21/01	410	900
03/21/01 - 04/17/01	377	830
04/17/01 - 05/21/01	1345	1730
05/21/01 - 06/19/01	2336	3950
06/19/01 - 07/19/01	3301	6360
07/19/01 - 08/20/01	3487	6930
08/20/01 - 09/19/01	3339	5820
09/19/01 - 10/22/01	1615	2480
10/22/01 - 11/20/01	389	590
11/20/01 - 12/21/01	510	809
12/21/01 - 01/23/02	1118	350
01/23/02 - 02/22/02	891	280
02/22/02 - 03/21/02	724	250
03/21/02 - 04/22/02	859	280
04/22/02 - 05/22/02	1186	1860
05/22/02 - 06/19/02	1416	2600
06/19/02 - 07/22/02	2673	5360
07/22/02 - 08/20/02	2848	5900
08/20/02 - 09/23/02	2907	5000
09/23/02 - 10/21/02	1502	2120
10/21/02 - 11/20/02	977	1680
11/20/02 - 12/19/02	472	750
12/19/02 - 01/21/03	439	780
01/21/03 - 02/20/03	365	610
02/20/03 - 03-18/03	331	570
03/18/03 - 04/21/03	474	810
04/21/03 - 05/27/03	911	1630
05/27/03 - 06/18/03	1100	1990
06/18/03 - 07/22/03	3485	6660
07/22/03 - 08/18/03	3560	6530
08/18/03 - 09/18/03	2398	4550
09/18/03 - 10/20/03	1961	3110
10/20/03 - 11/18/03	974	1540
11/18/03 - 12/22/03	1 meter malfunction	1340

Rocky Beach Recreational Water & Sewer District
P.O. Box 126
Spirit Lake, ID 83869

Avista Utilities
Electrical Usage
Comparison between New Well & Main Well

Dates	New Well	Main Well
12/22/03 - 01/22/04	1 meter malfunction	2410
01/22/04 - 02/23/04	1 meter malfunction	3000
02/23/04 - 03/22/04	1 meter malfunction	1740
03/22/04 - 04/20/04	1 meter malfunction	1910
04/20/04 - 05/19/04	90	2830
05/19/04 - 06/21/04	1	3340
06/21/04 - 07/21/04	2819	6450
07/21/04 - 08/19/04	3693	7090
08/19/04 - 09/21/04	2254	3570
09/21/04 - 10/25/04	1984	620
10/25/04 - 11/19/04	566	170
11/19/04 - 12/23/04	522	450
12/23/04 - 01/24/05	669	1020
01/24/05 - 02/24/05	418	710
02/24/05 - 03/21/05	305	490
03/21/05 - 04/19/05	330	550
04/19/05 - 05/19/05	711	1140
05/19/05 - 06/21/05	1501	2120
06/21/05 - 07/23/05	2218	3760
07/23/05 - 08/23/05	3298	6740
08/23/05 - 09/19/05	1884	3040
09/19/05 - 10/24/05	965	1470
10/24/05 - 11/18/05	117	240
11/18/05 - 12/27/05	227	860
12/27/05 - 01/26/06	145	1760
01/26/06 - 02/23/06	131	480
02/23/06 - 03/23/06	161	270
03/23/06 - 04/20/06	265	410
04/20/06 - 05/25/06	1079	2050
05/25/06 - 06/22/06	1008	1770
06/22/06 - 07/25/06	3557	7060
07/25/06 - 08/22/06	3272	6000
08/22/06 - 09/25/06	2535	4760
09/25/06 - 10/24/06	596	980
10/24/06 - 11/29/06	344	420
11/29/06 - 12/26/06	178	585

Rocky Beach Recreational Water & Sewer District
P.O. Box 126
Spirit Lake, ID 83869

Avista Utilities
Electrical Usage
Comparison between New Well & Main Well

Dates	New Well	Main Well
12/26/06 - 01/25/07	243	578
01/25/07 - 02/23/07	165	472
02/23/07 - 03/26/07	196	281
03/26/07 - 04/25/07	294	486
04/25/07 - 05/24/07	1133	1768
05/24/07 - 06/25/07	2468	4352
06/25/07 - 07/25/07	2862	5486
07/25/07 - 08/24/07	2189	7105
08/24/07 - 09/25/07	1162	5161
09/25/07 - 10/22/07	173	1080
10/22/07 - 11/26/07	46	1083
11/26/07 - 12/26/07	27	1585
12/26/07 - 01/18/08	27	1435
01/18/08 - 02/18/08	236	1626
02/18/08 - 03/18/08	36	975
03/18/08 - 04/16/08	37	894
04/16/08 - 05/16/08	51	865
05/16/08 - 06/17/08	579	2292
06/17/08 - 07/17/08	2455	4999

COPY



**ROCKY BEACH WATER DISTRICT
P. O. BOX 126
SPIRIT LAKE, ID 83869**

October 20, 1997

Attention: Bruce Patton, Water Resource Engineer
State of Idaho
Department of Water Resources
P. O. Box 83720
Boise, ID 83720-0098

RE: Rocky Beach Water District - Loan Application

Dear Mr. Patton:

Enclosed is our application for financial assistance from the Idaho Department of Water Resources. Also included are the following supporting documents that hopefully will help in the evaluation of our request:

1. Application
2. Well drilling quotes
3. Financial Statement
4. Engineering reports

We are requesting a loan in the amount of up to \$30,000 for the improvement of the water district.

Rocky Beach Water District began in 1978 and originally issued bonds to pay for the system installation, these bonds were paid off in 1992. Although the district is a small operation it is the desire of the Board to begin the process of upgrading. We have learned through D.E.Q. and other State sources that in time we will be requested to have a second source of water, currently we have only one well. Recently a piece of property, 2.215 acres, directly across from our existing well and pump house became available and we purchased it for \$20,000 with plans to sink the new well.

October 20, 1997
Rocky Beach Water District
Page two

Our water system serves approximately 35 people for five months of the year and approximately 100 people for seven months. In the past during the summer months we have experienced several days when our water use exceeded the reservoir capacity and we have run out of water. There have been agreed water rationing practices for these extreme periods.

We have had an engineering firm make recommendations (reports enclosed) for the upgrading needed and we feel a new well gives the water district the best option. We also believe it is necessary and prudent to retain our present cash balance for potential repairs to our system as it is approaching 20 years of service.

Thank you for your consideration and if there are any questions or additional information needed please do not hesitate to contact the district.

Sincerely,

Mike LoPresti
Board Member

Leslie Marshall
Secretary/Treasurer

enc:



IDAHO WATER RESOURCE BOARD

1301 North Orchard Street, Statehouse Mail

Boise, Idaho 83720

Tel: (208) 327-7900

FAX: (208) 327-7866



APPLICATION FOR FINANCIAL ASSISTANCE FOR COMMUNITY DRINKING WATER SYSTEM CONSTRUCTION PROJECT

Please answer the following questions and provide the requested material as directed. Feel free to provide further information as needed. Additional information may be requested by the Idaho Water Resource Board/Idaho Department of Water Resources depending on the scope of the project and amount of funding requested.

I. Prepare and attach a "Letter of Intent". The Letter should be addressed to the Idaho Water Resource Board at 1301 N. Orchard Street, Statehouse Mail, Boise, Idaho, 83720, and should include the following items:

- A. A statement that the organization is applying for financial assistance from the Water Resource Board.
- B. A brief description of the project that will be constructed with the financial assistance.
- C. Preliminary estimate of project costs, and amount of funding being requested.
- D. Brief justification for the project, and benefits to be gained.
- E. Other information as necessary to fully explain the intent of the request.

II. Organization applying for funding:

A. Formal name of your organization: ROCKY BEACH WATER & SEWER DISTRICT

Address: P.O. Box 126, Spirit Lake, ID 83869

Telephone number (208) 623-6523 FAX number Same

Contact person and title Leslie Marshall, Secretary/Treasurer

B. Type of organization: (Circle one)

Municipality

Water and/or Sewer District

Non-Profit Water Company

For-Profit Water Company

Homeowner's Association

Water Association

Other (Explain) * Per IC Section 42-3201 et seq

C. Briefly describe the geographic area to which you supply water: Lake side of Spirit Lake Loop Road. Loop Road connects to State Highway 41 at mile post 17 and 18.

D. Is your organization registered with the Idaho Secretary of State's office? ?
X Yes No

III. WATER SYSTEM:

A. Source of water: Well

B. Water Right Numbers: 96-7494

C. Number of people served: Approximately 100

D. Number of hook-ups on system: 43 hook-ups now. Potential of 50
Approximate number of residential hook-ups: 43 now, to 50
Approximate number of commercial hook-ups: 0
Approximate number of industrial hook-ups: 0

E. On average, how much water is provided per day? 1401 gallons

IV. USER RATES:

A. How does your organization charge user rates? 1 Per Hook-up 2. Per Volume Used
3. Other (Explain)

B. Current user rate? \$ \$180.00 per year
If a graduated or progressive rate structure, or different rates for different classes of users, please attach a separate explanation.

C. When was the last rate change? Sept. 1995

D. Does your organization measure water use? X Yes No
If yes, how? 1. Meters at User Hook-ups 2. Master Meter
3. Other (Explain)

E. Does your organization have a regular assessment for a reserve fund?
 Yes X No
If yes, explain how it is assessed:

F. Does your organization have an assessment for some future special need?
 Yes X No
If yes, explain how it is assessed:
If yes, for what purpose?

V. FINANCIAL CONDITION:

A. Attach a copy of current financial statement.

B. Annual revenues

From customers through rates:.....	\$ 7,740.00	✓
From other sources (Explain) <u>Hook-ups; interest...</u>	\$ 895.19	
TOTAL ANNUAL REVENUES	\$ 86,635.19	

C. Annual expenses

For operations and maintenance.....	\$ 3,067.59
For personnel.....	\$
For overhead (office, legal, etc.).....	\$ 2,896.78
For debt service	
Federal (Agency or program.....)	..\$ 0
State (Agency or program.....)	..\$ 0
Private (Company.....)	..\$ 0
For other (Explain) <u>Water testing</u>	\$ 670.00
TOTAL ANNUAL EXPENSES....	\$ 6,634.37 as of 8/1/97

D. Value and description of assets:

Description	
Land	\$ 42,350
Buildings	\$ 15,000
Waterworks <u>Pipe and valves in ground</u>	\$ 85,052
Equipment <u>Pumps, bladders, controls</u>	\$ 20,181.1
Reserve Funds	\$ 13,246
Other <u>Reservoir</u>	\$ 10,550
TOTAL	\$ 186,379

E. Outstanding indebtedness:

	None		
	Years Remaining	Annual Payment	Whom To
Bonds	_____	_____	_____
Loans	_____	_____	_____
Other	_____	_____	_____

VII. FUTURE NEEDS

List any major projects which need to be done within the next five years:

Description	\$ Amount	Purpose: Renovation, Expansion Water Quality, Supply, Etc..	Priority:
New Well } Integration }	13,000 15,000	~~Seco Secondary water source~~	Only project contemplated at this time.

The enclosed study from Le Pard & Frame, P.A. dated 11-29-89 describes our existing system and points out the need for a back up source. Property has been acquired across the street from our existing assets. We believe this property provides the most economical and expedient solution for a back-up source. We also believe it is necessary and prudent to retain our present cash balance for potential and maintenance as the system is approaching 20 years of service.



WELL SERVICE, INC.

582 W. Hayden Ave., Hayden Lake, ID 83835
(208) 772-4004 • Fax (208) 772-4892

WELL DRILLING CONTRACT

DATE 06/10/96

NAME ROCKY BEACH WATER DISTRICT

PHONE 208-623-2470

ADDRESS % BILL DIEHL 3055 N. S. L. LOOP RD

JOB PHONE

CITY, STATE, ZIP SPIRIT LAKE ID 83860

LEGAL DESCRIPTION

JOB LOCATION

I. TERMS OF THE AGREEMENT

1. The Purchaser hereby engages and employs H₂O Well Service, Inc. (H₂O), for the purpose of drilling a well on the land described above which is owned or under the legal control of the Purchaser. The Purchaser agrees to the terms, provisions, and conditions, and to the prices listed for the work specified.

2. The minimum depth of the well shall be N/A feet as specified on the costs portion of the agreement. This agreement will be considered complete when:

- A. Sufficient water is obtained
- B. Purchaser requests that drilling be stopped
- C. H₂O has reached a maximum depth of 700 feet
- D. At the discretion of H₂O, continuation of drilling operations would be impractical.

In the event the purchaser requests that drilling be stopped, H₂O shall remove H₂O casing, material, and property, and be entitled to all costs as specified in this agreement, plus abandonment charges.

3. Purchaser hereby grants H₂O a security interest in the material and equipment furnished by H₂O to secure payment of all money when due, and agrees that H₂O has all remedies provided by law in the event of the Purchaser's default on payment.

4. H₂O:

- A. Is an independent contractor.
- B. Shall determine the time, manner, means, and method of doing the work.
- C. Shall furnish all labor, tools, material, and machinery necessary to carry out this part of the contract, and will pursue the work diligently and in a workmanlike manner.
- D. Agrees that the Purchaser will not be responsible in case of any accident, or injury to H₂O's employees in connection with the drilling operations, and further agrees to carry the necessary insurance to cover such situations.
- E. Agrees to hold the purchaser harmless from any and all liens for material and labor supplied by H₂O.
- F. Agrees to keep an accurate record of the strata drilled, or water levels, of casing used, of perforations made (if any) and make and file a Well Drillers Report with the State, and to provide a copy of this Report to the Purchaser.
- G. Warrants that the well shall be serviceable, straight, round, all within generally accepted tolerances, so as to allow the installation and operation of pumping equipment designed for that diameter well.

II. CONTRACTED WORK AND ESTIMATED COST

	SIZE	FROM FEET	TO FEET	T. EST FEET	@ PER FOOT	
A. 1. Drilling	6"	0	550	550	14.00	= \$ 7,700.00
2. Casing	6"	0	550	550	8.50	= \$ 4,675.00
B. 1. Drilling						= \$
2. Casing						= \$
C. Liner	4" Class PVC	IF NEEDED			4.00	= \$

III. TERMS OF PAYMENT

A. Deposit of \$ _____ is required prior to commencement of work. Purchaser agrees to pay H₂O in full upon receipt of invoice.

IV. CHANGE ORDERS

Additional work which could include stand by time, development time, percussion underreaming, gravel pack, blasting, etc., will be authorized by a change order.

Submitted by

Of H₂O Well Service, Inc.

Accepted by

Purchaser

5. The Purchaser:

- A. Warrants that he (she) has full right and authority to enter into this contract and authorized H₂O to drill upon the above described land.
- B. Grants H₂O full right to ingress and egress to and from the above described land for the purpose of performing the contracted work.
- C. Will provide at no charge to H₂O such space at the drill site for pits, dumps, machinery, and storage of material and equipment which may be required under this contract. Purchaser further holds H₂O harmless for accidental damage to crops, lawns, trees, fences, walks or any other property upon or adjacent to the drill site.
- D. Takes full responsibility for selecting the drilling site. H₂O may make suggestions on the location, and any statements made are recommendations, and suggestions only, and should not be construed as representations as to where the hole should be drilled.
- E. Agrees that H₂O shall at any time after Purchaser's default in payment have the right and permission to go upon the premises and reclaim and recover any materials or equipment installed including casing.
- F. Agrees that in the event of default in payment, all collection costs, including reasonable attorney fees, and any accrued Finance charges will be paid to H₂O.

6. It is understood and agreed by Both Parties:

- A. That neither can tell exactly what will be found underneath the surface of the earth, therefore:
 - i. H₂O does not guarantee the quantity, quality, or kind of water if any which may be encountered. All operations are at the risk of the Purchaser and failure to strike water shall in no way release the Purchaser from payment of the full contract price.
 - ii. H₂O shall not be liable for any damage arising out of any delay or failure due to the hazards of drilling, but in the event of unreasonable delay or failure, this contract may be terminated by the Purchaser, upon payment to H₂O for all drilling done and materials installed.
- B. That the starting date shall be When Requested. This date is an approximate date only. Purchaser shall not hold H₂O liable for any damages due to delay in starting or finishing the job.
- C. That both parties shall have a signed copy of the agreement prior to commencement of work.
- D. Proposal based on a estimated depth of 550 feet.

- D. Surface seal at a cost of = \$ 175.00
- E. Drive shoe at a cost of = \$ 400.00
- F. Well permits at a cost of = \$ 35.00
- G. Other well components

H. State sales tax = \$

TOTAL ESTIMATED PRICE \$ 12985.00

(Final Price depends upon actual depth)

White - H₂O

Yellow - Customer

Pink - H₂O File Copy



(208) 765-0661 • (800) 682-9641 • Fax (208) 772-7229
Post Office Box 1690 • Hayden, Idaho 83835

Permit #: _____

Site Location: SPIRIT LAKE

Customer: BIERBAUM BILL

Proposal Date: 9/10/97

PROPOSAL/AGREEMENT

PARTIES:

OWNER: ROCKY BEACH WATER DIST Home Phone: 623-3605
POBOX 849 Work Phone: _____
SPIRIT LAKE, ID 83869 Fax Phone: _____

CONTRACTOR:

United Drilling, Inc., an Idaho corporation.

Mobile phone: _____

WORK TO BE DONE:

OWNER wants CONTRACTOR to construct a water well on his property described as _____ 1/4 of _____ 1/4 of
Section _____ Township _____ Range _____ in Kootenai County, State of Idaho

OWNER agrees to pay for all work and material used according to applicable prices shown in figure below.

500 FT EST

8 in	Surface Seal	\$150.00	1	\$150.00
6 in	Steel Casing/ft	\$8.50	/ft 500	\$4250.00
4 in	PVC Liner/ft		/ft	
6 in	Drive Shoe	\$500.00	1	\$500.00
6 in	Drilling "	\$13.00	/ft 500	\$6500.00
	Drilling PER "	\$400.00	/ft 1	\$400.00
	6-8" Drilling	\$6.00	/ft 20	\$120.00
	Drilling Permit	\$75.00	1	\$75.00

NOTES:

Total..... **\$11995.00**

CONTRACTOR makes no guarantee and expressly disclaims any responsibility for water quality. _____ (please initial)

PAYMENT IS DUE ON COMPLETION OF WORK unless otherwise specified. In the event the contractor shall be caused to secure legal services or advice to enforce any of the rights hereunder against the owner, both parties agree that the contractor shall be entitled to recover reasonable attorneys' fees and expenses incurred therein.

By signing this proposal, I the customer, agree to pay to United Drilling, Inc. one and one-half percent (1-1/2%) simple interest per month on the outstanding balance if not paid within ten (10) days of completion.

Authorized Signature _____

Note: This proposal may be withdrawn by us if not accepted within 30 days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. All agreements contingent upon strikes, accidents or delays beyond contractor's control.

ACCEPTED:

Signature _____

Date: _____

Signature _____

ROCKY BEACH WATER & SEWER DISTRICT

**Statement of Revenue and Expense for the
twelve months ended October 15, 1997**

Income:

Water Charges	\$ 7,740
Interest Income	<u>895</u>
Total Income	\$ 8,635

Expenses:

Maintenance Fees/Repairs	1,680
Bookkeeping	1,500
Office	357
Insurance	683
Legal & Professional	187
*Testing	681
State Fees	215
Utilities	<u>1,568</u>

Total Expenses **\$ 6,871**

- **Certain water tests are conducted on a two or three year basis and we budget approximately \$650.00 each year to cover these charges.**

Bank Balance **\$ 5,021.08**

***Reserve Balance** **\$13,246.00**

Total cash on hand **\$18,267.08**

****This balance reflects the purchase of 2.215 acres of property made on October 2, 1997 in the amount of \$20,000.00.**

FRAME & SMETANA, P.A.

CONSULTING ENGINEERS

603 North 4th Street

Phone 664-2121 - FAX 765-5502

COEUR D'ALENE, IDAHO 83814

ROCKY BEACH WATER DISTRICT CONCEPTUAL PLAN FOR EXPANSION JUNE, 1995

I. Existing Well and Reservoir Site:

The water district has secured property for the existing well and reservoir per instruments recorded in Kootenai County as Book 94, Page 792 and Instrument Number 1314310. The site is a 40 foot by 50 foot rectangular parcel of land in which the 20 foot x 30 foot concrete reservoir is located approximately in the center. The well is in the southwest corner of the site. It appears that other lots (4,5,6,8 and 9, Block 7) may be encumbered with building restrictions. The district should verify the status of the restrictions contained in the option (Book 94, Page 792). No other information regarding additional property for system expansion has been obtained.

II. Review of Governmental Agency Requirements:

I have met with Gary Gaffney and Tony Davis of the Idaho Department of Health and Welfare, Division of Environmental Quality. They have indicated that although the existing system does not meet the current well lot requirements, no modification to the property boundaries are required. However, all new construction must meet current regulations which include a minimum 50 foot radius well lot, sampling and testing requirements and other construction specifications.

III. Expansion/Improvement Options:

As identified in the previous water system review dated November, 1989, the improvements that should be considered are:

- 1) Increase reservoir storage.
- 2) Add a second source such as another well or connection to an approved water system.

8178EXP

The addition of a second 30,000 gallon reservoir would primarily provide storage for fire protection under normal use conditions. During periods of high domestic and irrigation water demand, the single well may not be able to keep the additional reservoir full. For this reason and the single well system vulnerability to water outages as a result of pump/well failure, contamination, etc., the water district should consider an additional source of water as the primary system improvement need. An additional source of 50 gpm or more will reduce or eliminate the need for additional storage. However, additional storage will not reduce or eliminate the need for an additional source.

Option A - Construction of a new well:

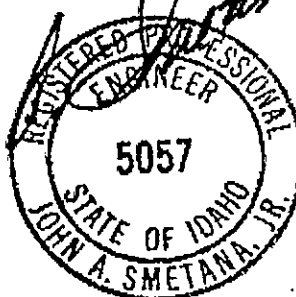
It will be necessary to establish a well location that meets the DEQ requirements and is reasonably close to the existing reservoir. The Water District should investigate the possibilities of securing the remaining portion of the west 100 feet of Lots 3 and 4, Block Seven to take advantage of the existing reservoir site. Another possibility would be a well site on a larger tract of land adjacent to the subdivision. The estimated probable cost for the construction and installation of a new well system is \$45,000.00 excluding land costs. If necessary, an additional reservoir could be constructed within the new well lot in the future.

Option B - Construction of an additional 30,000 gallon reservoir:

In our opinion, it is not feasible to construct additional storage above the existing reservoir due to the structural requirements to span the existing reservoir, exposure to the weather, reliability, operation and maintenance issues of special elevation differential valving, and the limited space outside the pumphouse. The new reservoir should be constructed adjacent to and at the same elevation as the existing reservoir. It may be possible to secure an easement for the new reservoir rather than purchase land. The estimated probable construction cost of a new reservoir is \$25,500.00.

Option C - Connection to City of Spirit Lake Water System:

During the meeting with DEQ, recent southerly extensions of the City's water distribution system was discussed. Minimal information was available, however, it appears the City system may be within approximately one-half mile of the Rocky Beach System. Connection to the City system as an emergency back-up would likely eliminate the need for either a new well or reservoir. Significantly more investigation is required to determine if this option is feasible from a practical or political standpoint.

John A. Smetana, Jr.

6/9/95

2170812

9AM
TUESDAY

LE PARD & FRAME, P.A.

CONSULTING ENGINEERS
603 North 4th St. - Phone 664-2121
COEUR D'ALENE, IDAHO 83814

ROCKY BEACH WATER DISTRICT - WATER SYSTEM REVIEW
NOVEMBER 29, 1989

INTRODUCTION

In October, 1989, the Rocky Beach Water District engaged the firm of Le Pard & Frame, P.A. Coeur d'Alene, Idaho, to render engineering services for a review of its water system. The following items are presented herewith:

- I. Review and evaluation of the existing deep well source.
- II. Review and evaluation of the existing reservoir/booster system.
- III. Effects of water service outside the District boundary.
- IV. Recommendations and statement of probable construction costs.

Characteristics of the existing system are assumed based upon information obtained from the as-built plans, Water District members, and pump supplier. Confirmation of this information through testing should be completed prior to making any major system improvements.

I. REVIEW AND EVALUATION OF THE EXISTING DEEP WELL SOURCE:

The sole source of water is a deep well pumping system, consisting of a 495± foot deep well and a 47± gpm submersible pump. The well characteristics are as follows:

8" Casing	234 Feet
6" Casing	261 Feet
Pumping Level	485 Feet
Well Capacity	50± GPM

The submersible pump characteristics are as follows:

- 15 HP motor (replaced original 10 HP motor on 1/83).
- 10 LB pump end (originally installed with 10 HP motor).
- 47± GPM Capacity.
- Pump set 487± feet on 2 1/2 inch galvanized pipe.

Because water consumption varies, it is difficult to predict accurately the water demand on this system. The sizing guidelines used by the states of Idaho and Washington recommend 1,500 gallons/connection/day for lots with lawn and garden irrigation.

Based on this recommendation:

Source Flow Required = $\frac{1,500 \text{ gpd}}{1,440 \text{ Min/Day}} = 1.04 \text{ gpm/connection}$

The maximum number of connections with the existing source is:

Pump Capacity + 1.04 gpm/connection
47 gpm + 1.04 gpm/connection or 45 connections

The system now supplies about 39 active users with the potential for six more connections for a total of 45 connections. Based on the above figures, the present demand is nearly at the maximum capacity of the source and probably will be upon connection of the remaining lots.

II. REVIEW AND EVALUATION OF THE EXISTING RESERVOIR/BOOSTER SYSTEM:

The existing reservoir is a 30,000 gallon concrete storage tank. At a daily usage of 1,500 gallons for 45 users, a total of 67,500 gallons is required. If it is assumed that the usage would occur for the most part over a 12 hour period, the well pump would supply:

12 hours x 60 minutes x 47 gpm = 33,840 gallons.

A deficit of 67,500 gallons - 33,840 gallons = 33,660 gallons would, therefore, exist which must be made up through storage.

Available water for fire protection is important for protection of personal property and the reduction of insurance rates. A capacity of 500 gpm for a two hour duration is typically recommended by the Insurance Services Office for a single fire in a residential subdivision. Based on the above figures, the existing reservoir will marginally provide storage for domestic and irrigation use during peak use periods. However, the available water for fire protection will be nearly depleted during this time. Although the Water District has adopted an irrigation control plan to reduce the demand during peak use periods, the existing reservoir and well system typically cannot maintain sufficient water storage in the event of a fire.

The booster system consists of duplex alternating submersible pumps located in the reservoir. Each pump is capable of pumping $140 \pm$ gpm at 50 psi and $250 \pm$ gpm at 38 psi. The combined pump capacity is approximately 500 gpm at 35 psi. Because the reservoir is located at nearly the highest elevation in the subdivision, the system pressures will increase as the elevation through the subdivision decreases.

The maximum instantaneous flow demand for domestic use in a system with 45 users is approximately 100 gpm as determined from the sizing guidelines for Idaho and Washington. Due to the fire flow requirement of 500 gpm, the booster system is sized to provide hydrant flows which are much greater than the peak flows required for domestic and irrigation uses. The existing booster system appears adequate for the system requirements.

III. EFFECTS OF WATER SERVICE OUTSIDE THE DISTRICT BOUNDARY:

As determined in Section I, the well capacity is marginally adequate to supply the fully developed area within the Water District boundary. To serve water outside the District boundary prior to source and storage improvements may adversely effect the current users. The Board of Directors may wish to consider a water service agreement with parties outside the District boundary that would include restrictions prior to system improvements and a hook-up/user fee schedule whereby money received could then be put toward system improvements.

IV. RECOMMENDATIONS AND STATEMENTS OF PROBABLE CONSTRUCTION COST:

As a result of this study the following recommendations for consideration by the Water District Board of Directors are listed in order of urgency.

1. Construct a 30,000 gallon concrete reservoir adjacent to the existing reservoir.

This would greatly increase the amount of water available for fire protection. The reservoir could be constructed to allow booster pumps to be installed in the new reservoir and the existing reservoir isolated for cleaning and repair.

The probable construction cost of a 30,000 gallon reservoir connected to the existing reservoir is approximately \$21,000.00. Additional casings, sump, valving and piping for future booster pumps and the ability to isolate the two reservoirs would probably cost an additional \$4,500.00.

2. Install a back-up well system.

Current regulations for public water systems with more than 25 connections require a back-up source of water. Although existing systems such as the Rocky Beach Water District are not required to have a back-up system, it would greatly increase the reliability of the system as well as allow for system expansion. The probable construction cost of an 8 inch well in this area is approximately \$28,000.00. Assuming a pump capacity of 50 gpm, the probable installation cost of a pump system is approximately \$8,000.00. A new well would likely be located some distance away from the existing well to reduce the effects of a cone of depression. Additional costs to install a reservoir fill line and necessary telemetry wires would probably be approximately \$11.00 per linear foot.

Currently, no other approved water system is close enough to make a reciprocal back-up connection feasible. If another system could be connected to in the future to provide water in case of an emergency, a back-up well would probably not be needed. The Water District should continue to identify sources of leakage such as main lines, services lines, and the existing reservoir. Additionally, maintenance and usage records should be kept especially relating to pump run times, power consumption, and flow meter readings. For future study purposes, daily or weekly readings should be taken, especially during periods of peak use.

This concludes the review of the Rocky Beach Water System. The estimated construction costs included in this report are for general direction purposes and do not reflect competitive bids. We will be available to answer questions that may be generated by this report. Thank you for this opportunity to serve you.

Respectively submitted,

John A. Smetana P.E.
John A. Smetana, P.E.

JS/ch

JACK

ROCKY BEACH WATER DISTRICT
P. O. BOX 126
SPIRIT LAKE, ID 83869

COPY

October 21, 1998

Attention: Brian W. Patton
State of Idaho
Department of Water Resources
P. O. Box 83720
Boise, ID 83720-0098

RE: Revolving Development Acct. Loan – Rocky Beach Water Dist.

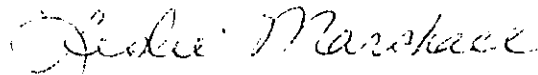
Dear Mr. Patton:

Enclosed please find documents and invoice in reference to the above mentioned loan account. The first phase of our project has been completed, the drilling of the new well.

We request payment be made to United Drilling for the completion of the well. Please contact me if there is any additional documentation needed, Leslie Marshall (208) 623-6523.

Thank you for your help in this matter.

Sincerely,



Leslie Marshall
Secretary/Treasurer

enc.:

Ident. No. 96-98-N-0197-000
Well Tag No. D0005427
Water Right No. 96-07729

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR DRILLING PERMIT

1. Name: ROCKY BEACH WATER DISTRICT O 208-623-3605
Address: PO BOX 849
SPIRIT LAKE ID 83869

2. Proposed Well Location: Township 53N, Range 04W, Sec. 8, SWSW
KOOTENAI County

Street Address of Well Site: NE CORNER UPPER SPIRIT LAKE LOOP RD AND TESEMINI
ID

3. Proposed Use of Well: Other
WATER FOR HOMES WITIN WATER DISTRICT BOUNDRIES

4. Well Construction Information:

- A. NEW WELL
 - B. Proposed Surface Diameter 6 In. Proposed Maximum Depth 500 Ft.
 - C. Anticipated Bottom Hole Temperature: 85 F or less (Cold water well)
- (NOTE: Construction diagrams and/or other information may be requested for monitor, low temperature geothermal, municipal and artesian wells.)

5. Construction Start Date: 9/28/1998

6. Anticipated Well Driller: UNITED DRILLING INC (No. 0414)
NOTE: The actual well driller must be identified to IDWR prior to drilling commencement.

7. Applicant's Signature _____ Date _____

Title _____
(Owner, Firm Representative, Other)

Fee \$ _____ Received by _____ No. N012416 Date _____

(Continued)

Ident. No.
Well Tag No.

96-98-N-0197-000
D0005427

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is **APPROVED**

Date: 9/18/1998

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. **READ CAREFULLY!**

CONDITIONS OF APPROVAL:

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required prior to construction of this well. The local Health Department should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100' from any drainfield and 50' from any septic tank. Public Water Supply wells must not be drilled closer than 100' from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig Line " Number for your area is 1-800-428-4950.

David S. Karpman
Signature of Authorized Dept. Representative

Re. Mgr.
Title

EXTENSION OF DRILLING PERMIT

Extension Approved by: _____

Approval Date: _____

Expires On: _____

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Office Use Only		
Inspected by _____		
Twp _____	Rge _____	Sec _____
1/4 _____	1/4 _____	1/4 _____
Lat: _____	Long: _____	

1. WELL TAG NO. **D0005427**

DRILLING PERMIT N **96-98-N-0197-000**

Other IDWR No _____

2. OWNER:

Name **Rocky Beach Water Dist**

Address **P O Box 849**

City **Spirit Lake**

State ID _____

Zip **83869**

3. LOCATION OF WELL by legal description:

N		Twp 53N	North ☒ or South ☐
Rge 04W		East ☐ or West ☒	
Sec 08		1/4 SW 1/4 SW 1/4	
Gov't Lot _____		County Kootenai	
Lat _____		Long _____	

Address of Well Site: (see next line)

95 to Spirit Lake Loop Road

City **Spirit Lake**

Lot _____ Blk _____

Sub. Name (see next line)

Rocky Beach Water District

4. USE:

- ☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)

- ☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD

- ☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			Amount	Method
Material	From	To	Sacks/Lbs	
Bentonite	0	40	20 sacks	pour in

Drive Shoe Used? ☐ Y ☒ N Shoe Depth(s) _____

Drive Shoe Seal Tested? ☐ Y ☒ N How? _____

8. CASING/LINER

Diam	From	To	Gauge	Material	Casing	Liner	Weld	Thrded
6"	1	499	0.025	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length Headpipe _____ Length Tailpipe _____

9. PERFORATIONS/SCREENS

- ☒ Perforations? Method **air perforator**
☐ Screens? Screen Type _____

From	To	Slot	Nmbr	Diam	Material	Casing	Liner
480	499	1"	300	1/16	Steel	☒	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL or ARTESIAN PRESSURE

460 ft. below ground. Artesian pressure _____ lb.

Depth flow encountered **460** ft. Describe access port or

control devices: **Steel cap welded**

11. WELL TESTS:

- ☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
30+	100%	495	4 hrs.

Water Temp. _____ cold Bottom hole temp. _____ cold

Water Quality test or comments: (below) Depth first Water Encountered **460**
clear, cold, no smell

12. LITHOLOGIC LOG (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water	
10	0	8	Topsoil	☐ Y	☒ N
10	8	40	Sand & gravel - 3/8" minus	☐ Y	☒ N
10	40	250	Sand & gravel - 3/4" minus	☐ Y	☒ N
6	250	290	Sand & gravel - 3/8" minus	☐ Y	☒ N
6	290	300	Boulders	☐ Y	☒ N
6	300	445	Sand & gravel - 1/2" minus	☐ Y	☒ N
6	445	450	Boulder	☐ Y	☒ N
6	450	499	Sand & gravel - 1/2" minus	☐ Y	☒ N

Completed Depth **499** (Measurable)
Date: Started **9/30/98** Completed **10/6/98**

13. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name **United Drilling Inc.** Firm No **414**
Firm Official and *Jason C. Beckham* Date **10/7/98**
Supervisor or Operator **Jason C. Beckham** Date **10/7/98**

FRAME & SMETANA, P.A.

CONSULTING ENGINEERS

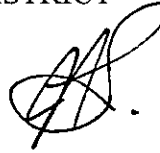
603 North 4th Street

Phone 664-2121 - Fax 765-5502

COEUR D'ALENE, IDAHO 83814

TO: ROCKY BEACH WATER DISTRICT
BOARD OF DIRECTORS

FROM: JOHN A. SMETANA, P.E.



SUBJECT: WELL EXPANSION PROJECT

DATE: OCTOBER 14, 1998

Transmitted with this letter are the following documents:

- Letter from Tim Volking, United Drilling, Inc.
- Invoice #192 from United Drilling, Inc. in the amount of \$14,750.00
- Completed Well Drillers Report
- Copy of Approved Drilling Permit

I have reviewed and approve the work completed and the invoice submitted. I recommend payment as requested be made directly to United Drilling, Inc. upon District receipt of loan disbursement. Please note the perforated casing in lieu of screening was installed, thus the reduction in cost from \$16,300.00 to \$14,750.00. I anticipate well pump and piping installation to begin next week. If you have any questions, please contact me.

JAS:kc
Enclosures
xc: Tim Volking



(208) 765-0661 • (800) 682-9641 • Fax (208) 772-7229
Post Office Box 1690 • Hayden, Idaho 83835

Invoice #: 192

Invoice Date: 10/7/98

Site Location:

Salesperson: Timothy R. Volking

95 to spirit lk loop rd

City:

State: ID

Subdivision:

Lot:

Block:

Contact: Rocky Beach Water Dist

Permit #: D5427

INVOICE

SOLD TO: **Rocky Beach Water Dist**
P O Box 849

Phone 1 (208) 623-3605

Info: Home

Phone 2

Info: Work

FAX:

Info:

Pager:

Info:

Cellular:

Info:

Spirit Lake, ID 83869

SHIP TO: Township: 53N
Gov't Lot No.:

Range: 04W
County: Bonner

Section: 08

1/4:

1/4: SW

1/4: SW

Latitude:

Longitude:

Qty	Size	Item	UnitPrice	Total
40.	10 in	Drilling /ft	\$40.00	\$1,600.00
500.	6 in	Drilling /ft	\$14.00	\$7,000.00
500.	6 in	Steel Casing /ft	\$8.00	\$4,000.00
1.		Perforation	\$450.00	\$450.00
40.		Surface Seal	\$10.00	\$400.00
1.		Permit	\$200.00	\$200.00
4.		hours development	\$275.00	\$1,100.00

Paid
11-24-98
1317

Subtotal: \$14,750.00
0.00% Tax:
Total: \$14,750.00



LICENSED AND BONDED
AIR ROTARY WELL DRILLING
LICENSED ELECTRICAL CONTRACTOR

October 7, 1998

Rocky Beach Water District
c/o Frame & Smetana, P.A.
603 N. 4th
Coeur d'Alene ID 838114

Dear Gentlemen:

I would like to take this opportunity to thank you for allowing United Drilling to provide your well drilling service.

We hope you are pleased with the product and will call us if we can be of further assistance. United Pump Company, our pump division, is eager to provide pump service when you are ready.

Again, it has been our pleasure to work for you. Thank you.

Sincerely yours,

UNITED DRILLING, INC.

A handwritten signature in cursive script, appearing to read "Tim Volking".

Tim Volking, President

TV:ch

FRAME & SMETANA, P.A.

CONSULTING ENGINEERS

603 North 4th Street

Phone 664-2121 - Fax 765-5502

COEUR D'ALENE, IDAHO 83814

TO: GARY J. GAFFNEY, P.E.
IDAHO DEPARTMENT OF HEALTH & WELFARE

FROM: JOHN A. SMETANA, P.E. 

SUBJECT: NEW WELL PROJECT – ROCKY BEACH WATER DISTRICT

DATE: DECEMBER 15, 1998

Transmitted with this memo are the following:

- As-Built drawings
- Well log information
- Bacteria test results
- Water quality test results
- Well production test results

It is our understanding that the Water District is allowed to use composite samples for VOC, SOC, corrosivity and radiological activity testing based on the existing well water quality sampling schedule.

To the best of my knowledge and based on my inspections, I certify that the project has been constructed in accordance with the intent of the approved plans and specifications.

JAS:kc

Enclosures

xc: Brian Patton – Idaho Department of Water Resources w/enclosures
Rocky Beach Water District w/enclosures

Inv#
327-7866

**ROCKY BEACH WATER DISTRICT
P. O. BOX 126
SPIRIT LAKE, ID 83869**

******VIA FAX******

December 16, 1998

**Attention: Brian W. Patton
State of Idaho
Department of Water Resources
P. O. Box 83720
Boise, ID 83720-0098**

Enclosed are copies of the 12/14/98 letter and request for loan amount, original via U. S.
Post Office 12/15/98.

Thank you,

Leslie Marshall

COPY

**ROCKY BEACH WATER DISTRICT
P. O. BOX 126
SPIRIT LAKE, ID 83869**

December 14, 1998

**Attention: Brian W. Patton
State of Idaho
Department of Water Resources
P. O. Box 83720
Boise, ID 83720-0098**

RE: Revolving Development Acct. Loan – Rocky Beach Water District

Dear Mr. Patton:

Enclosed please find documents and invoice in reference to the above mentioned loan account. This is the second phase of our project and I believe last request for the loan amount. An engineers final and completion report will follow to release the 10% retention dollars.

If there is any additional information needed please contact me at (208) 623-6523 (home telephone) or (208) 265-1497 (work number).

Thank you for your help in this matter.

Sincerely,

**Leslie Marshall
Secretary/Treasurer**

enc.:

FRAME & SMETANA, P.A.

CONSULTING ENGINEERS

603 North 4th Street

Phone 664-2121 - Fax 765-5502

COEUR D'ALENE, IDAHO 83814

TO: ROCKY BEACH WATER DISTRICT
BOARD OF DIRECTORS

FROM: JOHN A. SMETANA, P.E.



SUBJECT: WELL EXPANSION PROJECT

DATE: DECEMBER 3, 1998

Transmitted with this letter is invoice #8651 from United Pump Company in the amount of \$15,182.55.

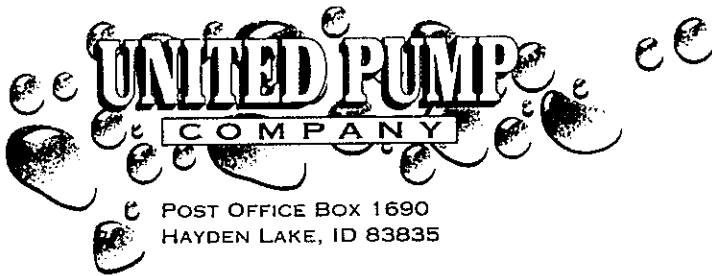
I have reviewed and approve the work completed and the invoice submitted. I recommend that payment as requested be made directly to United Pump Company upon District receipt of loan disbursement. If you have any questions, please contact me.

JAS:kc

Enclosures

xc: Rich Agueros

Brian Patton – IDWR, Boise, with enclosure



POST OFFICE BOX 1690
HAYDEN LAKE, ID 83835

Post Office Box 1690, Hayden Lake, ID 83835
(208) 772-3230 • (800) 682-9641 • Fax (208) 772-7229

INVOICE

№ 8651

INVOICE DATE	ORDER NO.
November 30, 1998	
SHIP TO	Rocky Beach Water System
	Well #2 & System Up-grades

SOLD TO: Rocky Beach Water District
PO Box 849
Spirit Lake ID 83869

PHONE # Michael @ 208-623-4502

INSTALLATION/SERVICE DATE		SHIPPED VIA	F.O.B. POINT	TERMS	
November 1998		Installed	Well Site/Spirit Lake	Payment Due	
QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	
1	ls.	Complete Well Pump System-Item 1/Bid Sch. II-A.	\$6,120.00	\$6,120.00	
285	lf.	Installation of 3" PVC Water Main-Item 2/Bid. Sch. II-A. .	\$5.65	\$1,610.25	
298	lf.	8 Pair 600 Volt Telemetry Cable.	\$1.35	\$402.30	
1	ls.	Pump House Plumbing-Item 5/Bid Sch. II-A.	\$2,300.00	\$2,300.00	
1	ls.	"Dog House" & Concrete Slab-Item 6/Bid Sch. II-A.	\$975.00	\$975.00	
1	ls.	Complete Electrical System...-Item 7/Bid Sch. II-A.	\$1,500.00	\$1,500.00	
1	ls.	Testing and Start-up...-Item 8/Bid Sch II-A.	\$950.00	\$950.00	
1	ls.	Additional Cost For Separate Electrical Service...-Item 12/Bid Sch. II-A.	\$1,325.00	\$1,325.00	



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

2110 Ironwood Parkway • Coeur d'Alene, Idaho 83814-2648 • (208) 769-1422

Dirk Kempthorne, Governor
C. Stephen Allred, Director

December 17, 2003

Cynthia Kroetch,
Rocky Beach Water System
PO Box 126
Spirit Lake, ID 83869

Re: Ground Water Under Direct Influence of Surface Water Determination PWS# 1280157,
Well #2

Dear Ms. Kroetch:

Idaho is required by federal drinking water regulations (40 CFR 142.16) to determine whether groundwater sources serving public drinking water systems are directly influenced by surface water.

Groundwater that is directly influenced by surface water (GWUDI) may contain disease causing organisms which are normally only found in surface water, and may require additional treatment including filtration and/or disinfection and contact time. Under current federal and state rules, no additional treatment is required if sources are truly groundwater.

We have inspected the groundwater sources, Well #2, serving your system. Based on our review these water sources have been determined to be **groundwater**.

Our records will reflect this determination, and we will inform the U.S. Environmental Protection Agency of our findings. This notification is for your records and should be kept on file for future reference. No further action or information is needed at this time.

If you have any questions or comments on this matter please feel free to contact the Division of Environmental Quality office in Coeur d'Alene at 2110 Ironwood Parkway, phone (208) 769-1422.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony P. Davis", is written over a horizontal line.

Anthony P. Davis
Analyst

c: Steve Tanner, DEQ/CDA