

[illegible]

Method of Determination:

- 3 _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable
 _____ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater
 _____ Aerial Photo Attached (required for irrigation of 10+ acres)
 _____ Photo of Diversion and System Attached

4

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
705028	Franklin	3	2823028310		

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

D. FLOW MEASUREMENTS

1

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2 Measurements:

E. FLOW CALCULATIONS

Measured Method:
 Limited by permit to 0.05 cfs

_____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1 Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: 4 homes no irrigation; 2.4 afa

G. NARRATIVE/REMARKS/COMMENTS

Single well to serve lots 1, 2, 19, and 20. Each home has a booster and a storage tank to maintain pressure.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.050 CFS	2.40 AF
<u>Totals:</u>		0.050 CFS	2.40 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☐ Change P.U. as reflected above ☒ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Kieth Wilson Date 6/30/2004

Reviewer Nate Arave Date 8/2/2007

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

Wild Horse Ridge Homeowner + Water Users org
Mike Vargason is President

A. GENERAL INFORMATION

1 Owner: Brittney Dahlquist Permit No. _____
Current Address: 9798 W. Gibson Tract Pct ID Phone No. 478 4758
2 Accompanied by: _____ EXAM. DATE: 6/30/2004
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3 Source: _____ tributary to _____

B. OVERLAP REVIEW

1 Other water rights with same place of use: _____
_____ ☐ Copies Attached
2 Other water rights with same point of diversion: _____
_____ ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

Note System w/system The hotel is in the corner

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached

#1 Franklin Electric 3hp Model 2823028314 [Block 2 L-2 L-8 (L-9) L-11]
L-1 ABB water meter S/N 10905456 well pump mainline to pressure tanks to distribute
L-9 Sensus S/N 52782992
Franklin Elect 3hp L-5 L-6 [L-3] [L-4]
#2 L-3 - Master Meter S/N 2451169 L-Block 2
L-4 Master Meter S/N 2533868
GPS E0008218
GPS E0007745 [Block 1 L-3 L-2 L-1]
#3 well Franklin Elect 1/2 hp Model 2801054515 well pump mainline to cistern to distribution system
Booster GULDS Pump S/N 9957751 TO Booster Pump
Motor A.D. Smith 1 1/2 hp S/N 8F99 ABB 99816040 ABB 99816732 ABB 99814728
GPS E0008217 well pump mainline to cistern to booster Block 1
Pump FRANKLIN Elect 3/4 hp Model 2801079415 (L-11) (L-4) L-5 (L-10)
#5 well Booster GULDS Pump S/N A0059153 ABB L-11 S/N 99816734
Motor GE 1.5hp Meters L-4 S/N 99816731
Scale: 1" = _____ S/N TAJ 200020 L-10 S/N 10851196

2. ☐ Copy of U.S.G.S. 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 or more).
☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater)

System Description (continued)

3. **Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

#4 E6008215 063017C
 Franklin Electric 3hp Model 2823028310 Block 1
 (L-8) L-9 (L-6) (L-7)
 ABB SN 99816042 99816733
 water meter 99816727
 DEQ E0008216 Model 2823018310 BLK 2 BLK 1
 #6 Franklin Electric 2hp [L-3] L-12 L-14
 Badger meter SN 16871749

☐ See Remarks on page 4 for continuation

063018A
 4

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

5. **Point(s) of Diversion:**

Ident. No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks

6. **Place(s) of Use:**

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements: *Chas. Poin*

Rt (South) to Wedgeway Left @ Fork Rt Fork Runway 10m # 7029

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x 0.01732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

H REMARKS AND OVERLAP REVIEW ANALYSIS

#7 E0007743 063018B
 Franklin Electric 2hp Model 2823018110
 Block 2
 (L-10) (L-11) L-12 L-13

#8 E0007740 063018C well pump to system w/booster
 well Franklin Elect 1/2hp Model 280105495
 Block 2
 L-15 (L-16) -14
 Booster Gallego Pump S/N FA159626 ABB 11838788
 Motor AOSmith 1 1/2hp SN 8501

#16 E0007741 063018D L-18 (L-19) (L-20) L-21
 Franklin Model 2823028310
 3hp
 ABB
 11851399
 Motor Motor 3384206

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From To	BLK1 Rate of Diversion Q (cfs)	Annual Volume V (afa)
#9 E0007742 063019A or (8?) Franklin 3hp Model 2823028310		(L-17) L-16 L-15 ASA Motor 10034839	
Totals:			

written on elect Box

2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

J. AUTHENTICATION

Field Examiner's Name _____
 Signature _____
 Certification Date _____
 Field Report Preparation Date _____

CONSULTANT SEAL

K Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

Comment Report

29-8175

1. narave 8/1/2007 POD

Comment: Updated shape

2. narave 8/1/2007 POU

Comment: Updated Shape

3. narave 8/1/2007 POU

Comment: Updated PLS

4. narave 8/1/2007 Field Report Narrative

Comment: Single well to serve lots 1, 2, 19, and 20. Each home has a booster and a storage tank to maintain pressure.

5. narave 8/2/2007 overlap analysis

Comment: the overlapping water rights are:

29-8176

29-8180

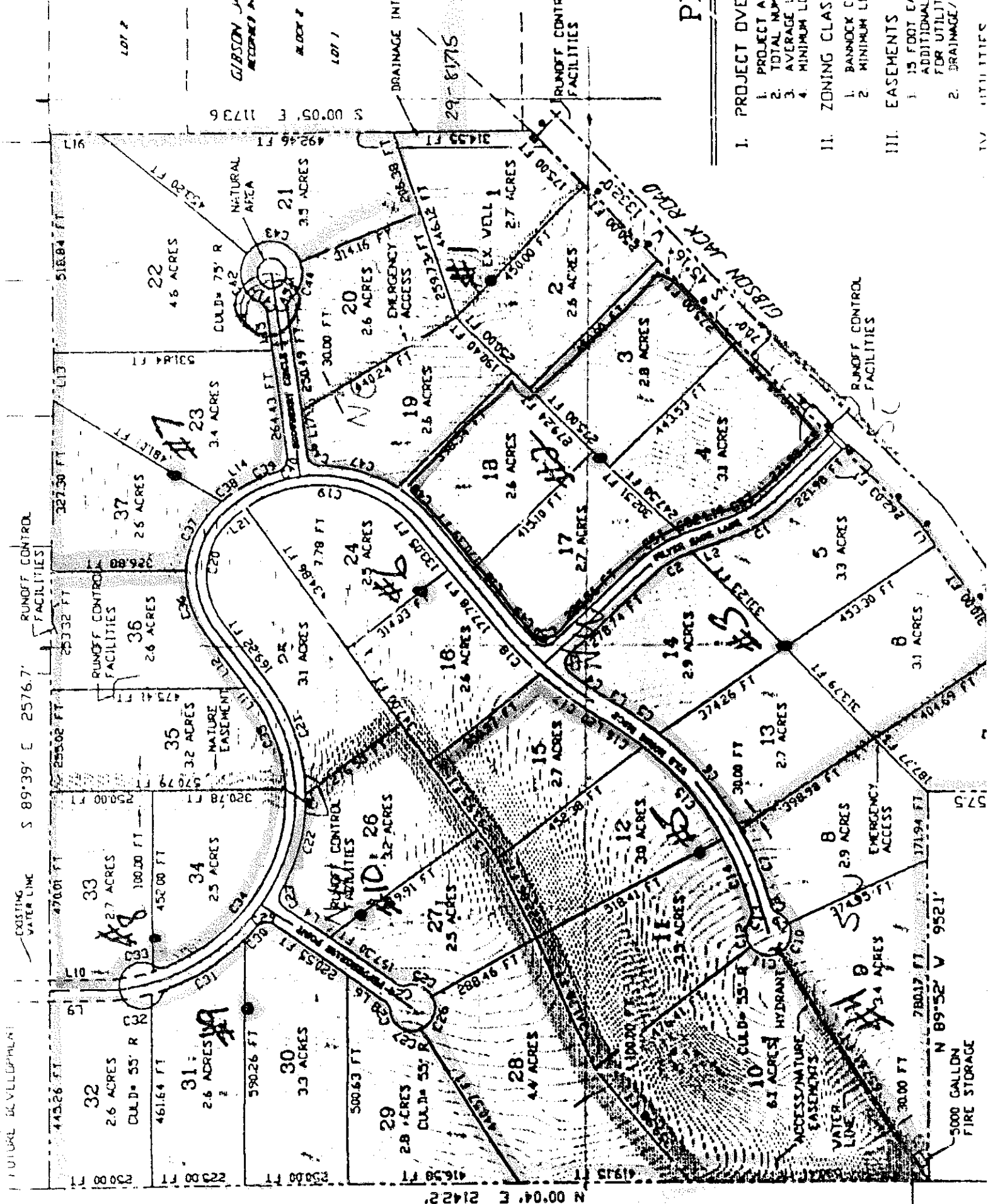
29-8181

29-11522

6. SCURTIS 7/24/1996 DIVERSION

Comment: Well #1.

Type	WR #	Owner	Source	TRS	NE NE	NP NE	SW NE	SE NE	NW NW	NN NW	SW NW	SE NW	NW SW	SW SW	SE SE	Total
Permit	29 8176	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19												0
Permit	29 8178	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19						X						0
Permit	29 8180	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X					0
Permit	29 8182	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X					0
Permit	29 8183	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19						X						0
Permit	29 8184	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19						X						0
Right	29 8152	MINK CREEK UTILITY ASSOC.	GROUND WATER	07S35E19											X	0
Right	29 8073	HARVEY L. PICKENS.	GROUND WATER	07S35E19												0
Permit	29 8175	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19				X								9
Permit	29 8177	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19					X							0
Permit	29 8179	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19					X							0
Permit	29 8181	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19						X						0
Right	29 11601	LARAE TRIPP, BOB G TRIPP.	GROUND WATER	07S35E19						X						0
Right	29 12164	BONNIE J SHAW, JAMES FREEMAN SHAW.	GROUND WATER	07S35E19							X					0
Right	29 12272	DALE T KNEIVEL, DIANE C KNEIVEL.	GROUND WATER	07S35E19								X				0
Right	29 7775	ANTHONY MARTIN.	GROUND WATER	07S35E19										X		0
Right	29 11600	BOB G TRIPP, LARAE TRIPP.	GROUND WATER	07S35E19												0
Right	29 11600	BOB G TRIPP, LARAE TRIPP.	GROUND WATER	07S35E19												0
Right	29 11522	LLOYD RANDALL DAVIS.	GROUND WATER	07S35E19								X				0
Right	29 11522	LLOYD RANDALL DAVIS.	GROUND WATER	07S35E19							X					0
Right	29 11554	HARVEY L. PICKENS.	GROUND WATER	07S35E19								X				0
Right	29 11152	JOHN W GRAHL, JUDITH A GRAHL.	GROUND WATER	07S35E19									X			0
Right	29 10959	HANNAH M BROWER.	GIBSON JACK CREEK	07S35E19			X									0
Right	29 10959	HANNAH M BROWER.	GIBSON JACK CREEK	07S35E19												0
Right	29 11315	SHERLYN KAY ISBELL, CHARLES M ISBELL.	GROUND WATER	07S35E19										X		0
Right	29 11066	CATHERINE L. JUDGE, BERNARD A JUDGE.	GROUND WATER	07S35E19										X		0
Right	29 10914	VICTORIA L PARKINSON REECE.	GROUND WATER	07S35E19										X		0
Right	29 10928	HANNAH M BROWER.	GROUND WATER	07S35E19												0
Right	29 10928	HANNAH M BROWER.	GROUND WATER	07S35E19												0
Right	29 12977	UNITED STATES OF AMERICA ACTING THROUGH.	GIBSON JACK CREEK	07S35E19												0
Right	29 275	MINK CREEK IRRIGATION CORP.	MINK CREEK	07S35E19				X								2
Right	29 7806	DAHRI JANE, SUTTNER, GREGORY P SUTTNER.	GROUND WATER	07S35E19												2
Right	29 13230	WAYNE L LANSTFONG.	GROUND WATER	07S35E19												3
Right	29 7905	DENNIS L ELDRIDGE, WICKI ELDRIDGE.	GROUND WATER	07S35E19											X	1
Right	29 7766	DENNIS L ELDRIDGE, WICKI ELDRIDGE.	GROUND WATER	07S35E19												2
Right	29 4471	DONNA M LEAMAN, STEVEN LEAMAN.	GROUND WATER	07S36E19											X	0
Right	29 4471	DONNA M LEAMAN, STEVEN LEAMAN.	GROUND WATER	07S36E19												0.4
Permit	29 13757	SCOTT M CORNELIUSON.	GROUND WATER	07S35E19											X	0
Right	29 13757	SCOTT M CORNELIUSON.	GROUND WATER	07S35E19											X	0
Right	29 8175	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19			X									0



P)

- I. PROJECT DVE
 1. PROJECT A
 2. TOTAL MUM
 3. AVERAGE L
 4. MINIMUM LC
- II. ZONING CLAS
 1. BANNOCK CL
 2. MINIMUM LC
- III. EASEMENTS
 1. 15 FOOT EA
 2. ADDITIONAL FOR UTILIT
 3. DRAINAGE/
- IV. UTILITIES

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	37
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THINNY OF
UNPAID

PRESSION
AREA