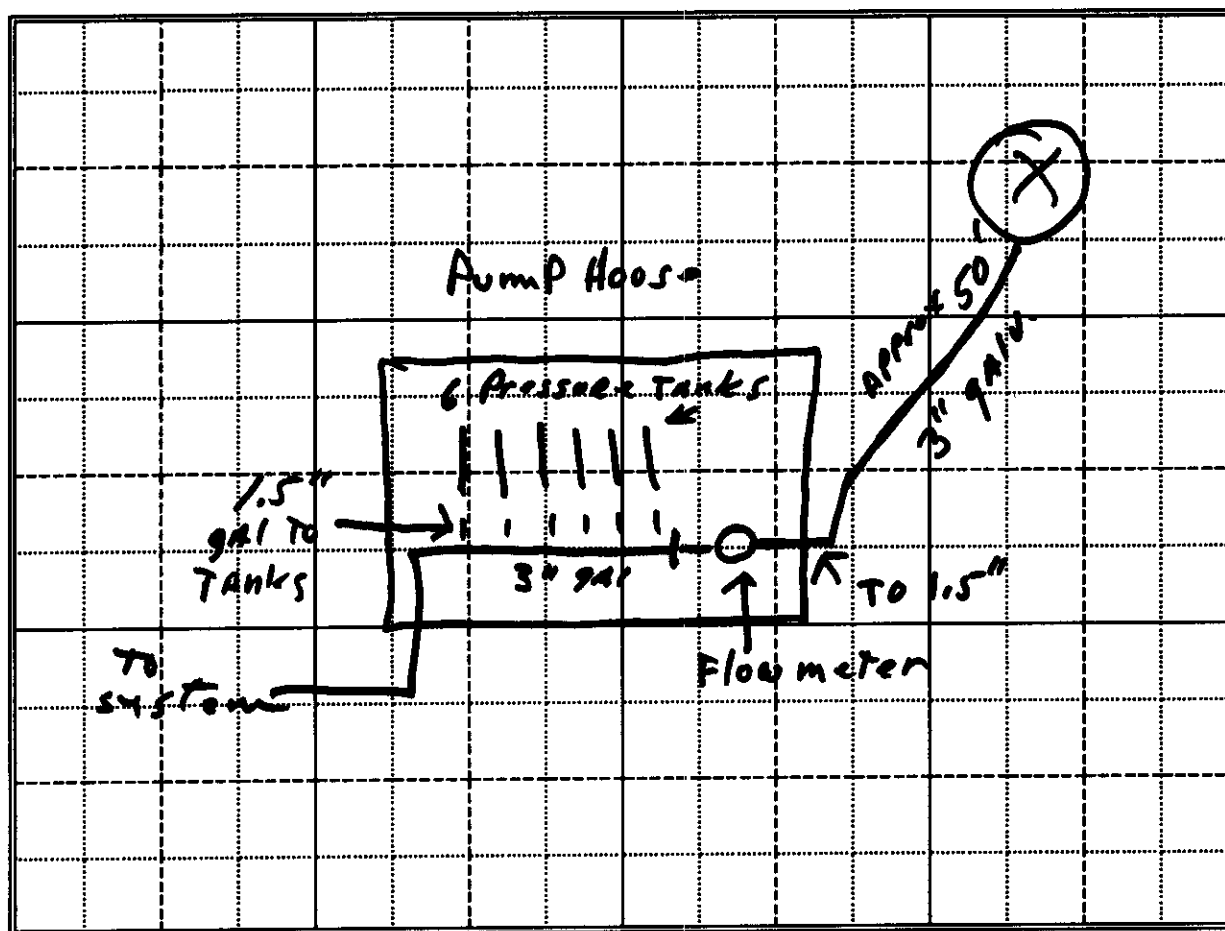


3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate well size/ditch size/pipe I.d. as applicable.



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	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	5	2821139310	Sob	3"

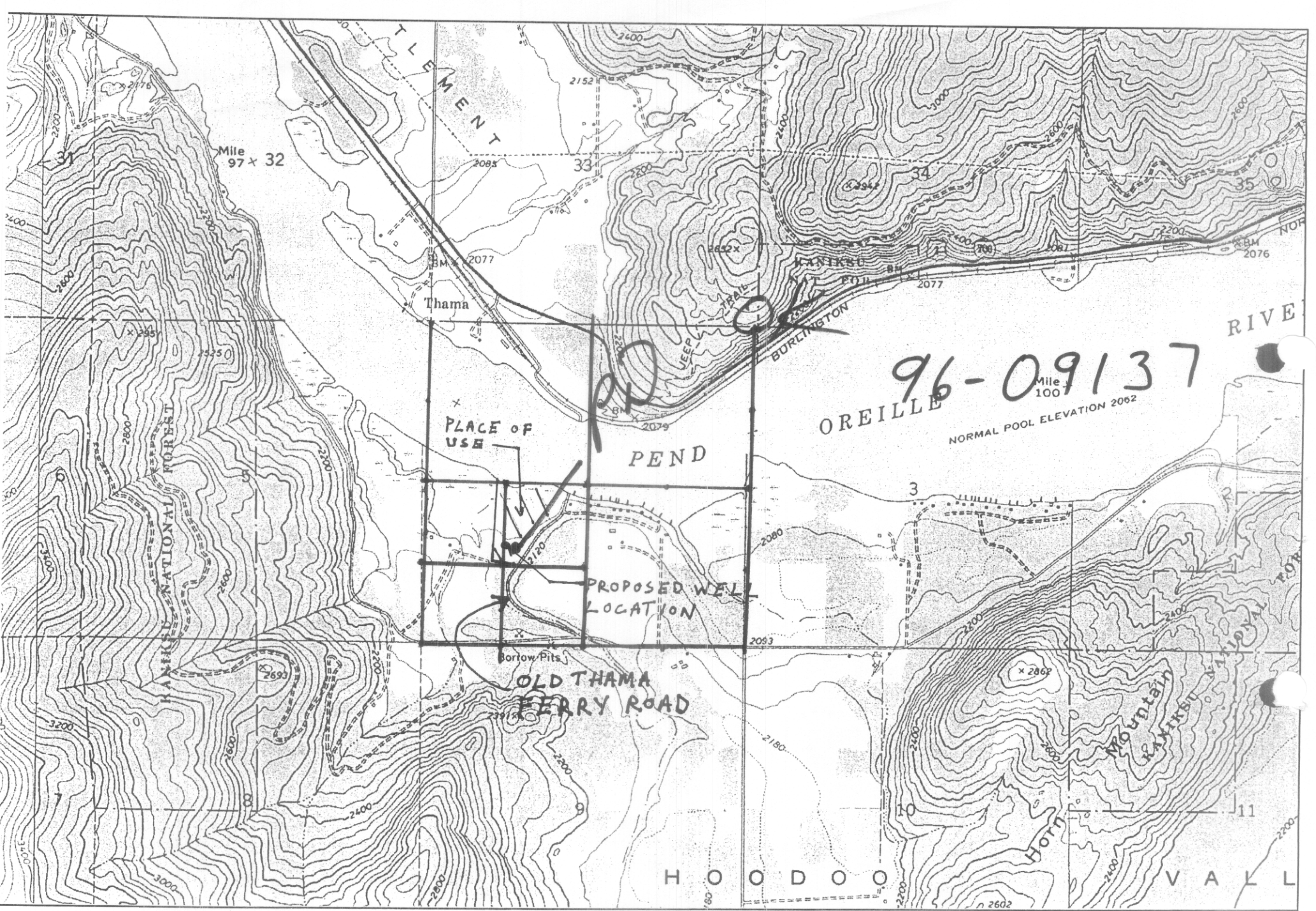
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____



Name: LACLEDE
 Date: 4/14/2003
 Scale: 1 inch equals 2000 feet

Location: ~~048° 00' 43.9" N 110° 50' 09.7" W~~
 LOCATION: 55N 04W SECTION 04

E. NARRATIVE/REMARKS/COMMENTS

at time of exam the system was complete to serve 11 lots. Only one home currently there and it was in construction phase.

There was no irrigation taking place

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Flow meter 54 gpm

$$\frac{54 \times 1.33681}{60} = .12 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 22 \times 3 = 66$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .12 \times 213 \times 1.9835 = 50.7$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 50.7$$

2. Volume Calculations for Other Uses:

$$11 \times .60 = 6.60 \text{ AF}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Domestic</i>	<i>01-01</i>	<i>12-31</i>	<i>.12</i>	<i>6.6</i>
<i>Irrigation</i>	<i>04-01</i>	<i>10-31</i>	<i>.12</i>	<i>50.745.0</i>
Totals:			<i>.12</i>	<i>57.345.0</i>

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

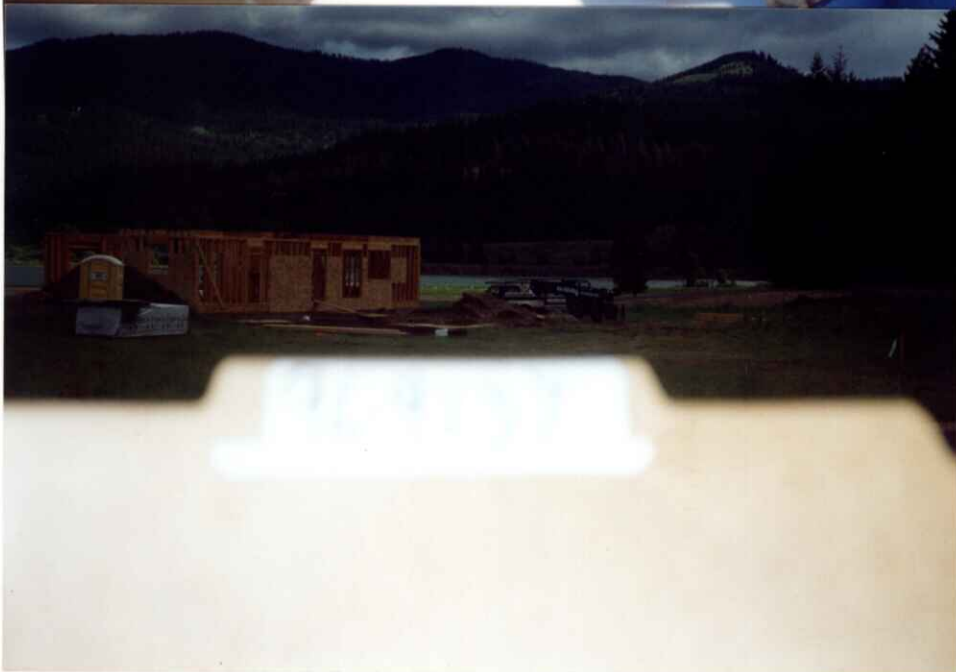
Wayne Baldwin Date *8-6-05*

Reviewer

[Signature] Date *10-10-05*

SEAL

Raptor View Subdivision



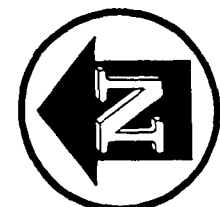
96-0913 >
Keyser & Jones

RAPTOR VIEW SUBDIVISION

PROPOSED ROAD PLAN AND S.M.P.
SECTION 4, TWP. 55N., RNG. 4W., B.M.
PRIEST RIVER, BONNER COUNTY, IDAHO

OWNER & DEVELOPER

JOHN PHILLIP & TEXANNA KEYSER
AND KENT & MARGO JONES
PO BOX 25
PRIEST RIVER, ID 83856



0 30 60 120
SCALE IN FEET

VICINITY MAPS

STATE OF IDAHO

BONNER COUNTY

PROJECT LOCATION



ENGINEER'S STAMP

REVISION	DATE	BY	CHKD
1	6-23-03	JJM/EJE	DRY/CHKD
NO REVISIONS MADE TO THIS SHEET			

James A. Sewell and Associates

CONSULTING ENGINEERS
SANDPOINT, IDAHO 83864
(208) 263-4160



SHEET TITLE: VICINITY MAP AND SITE PLAN
PROJECT: RAPTOR VIEW SUBDIVISION
STORMWATER AND ROAD IMPROVEMENTS NEAR
PRIEST RIVER, BONNER COUNTY, IDAHO

DATE: 6-23-2003
SCALE: AS SHOWN
DRAWN BY: SAT/DMH
CHECKED BY: EJE/RFH
FILE No.: WS-RptVwS_r1
DATA No.: 1914

SHEET 1 OF 4

ASSOC. ACCESS
LOT A

1

2

3

4

BLOCK 5

6

7

8

2

1

BLOCK 8

9

COMMUNITY
LOT B

EXISTING
BUILDING

100yr. FLOOD PLAIN, PER F.E.M.A.
FIRM No. 160206 0360C, Aug. 4th., 1987

100 YEAR FLOOD
ELEVATION = 2067.5'

APPROXIMATE LOCATION
OF FLOOD EASEMENT

300' SETBACK
LINE FROM
WETLANDS, PEND
OREILLE RIVER

PEND OREILLE RIVER

4.1 SITE PLAN
Z(60)