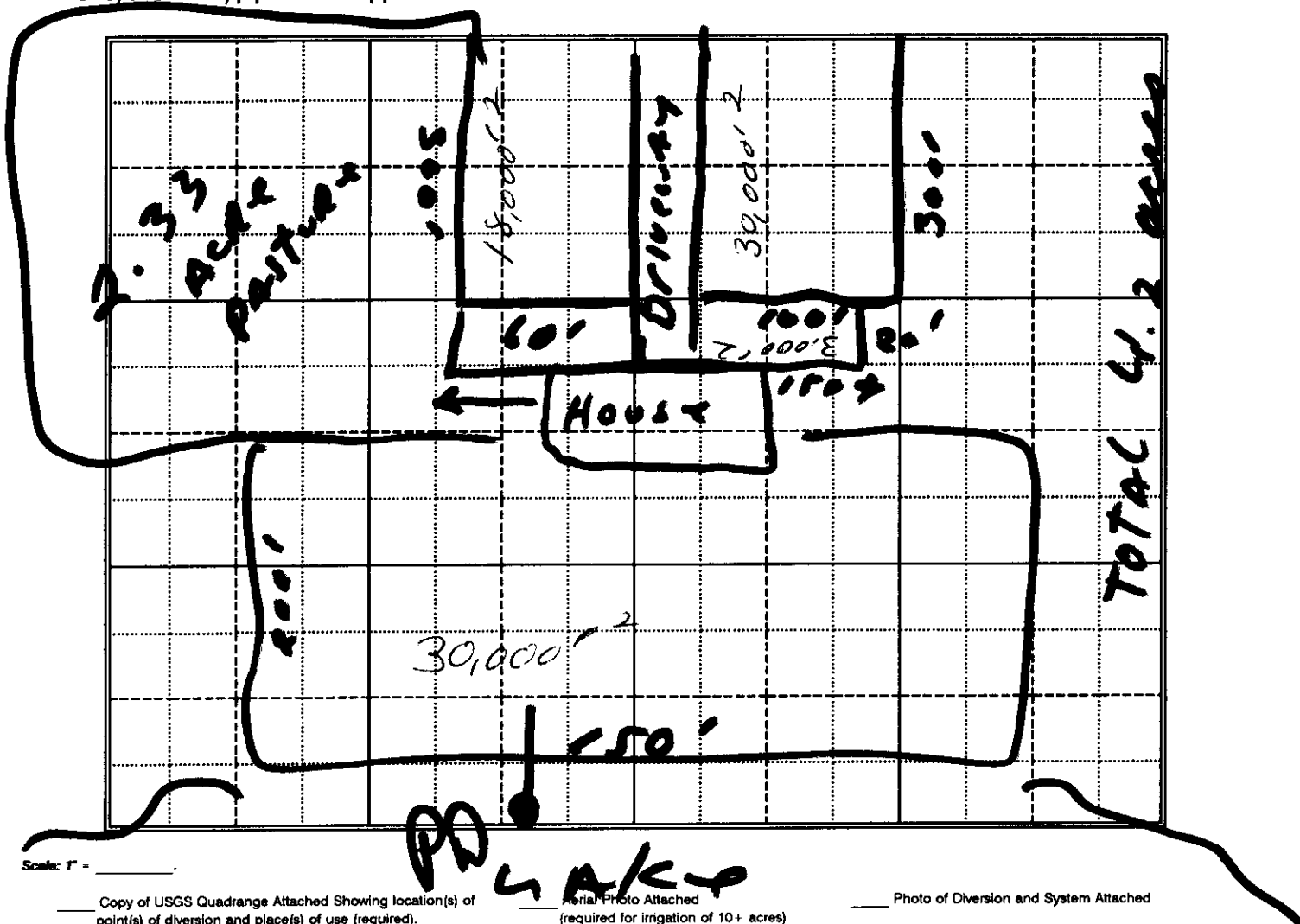


[illegible]

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



4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	10.5	2823008110	Sub	1"

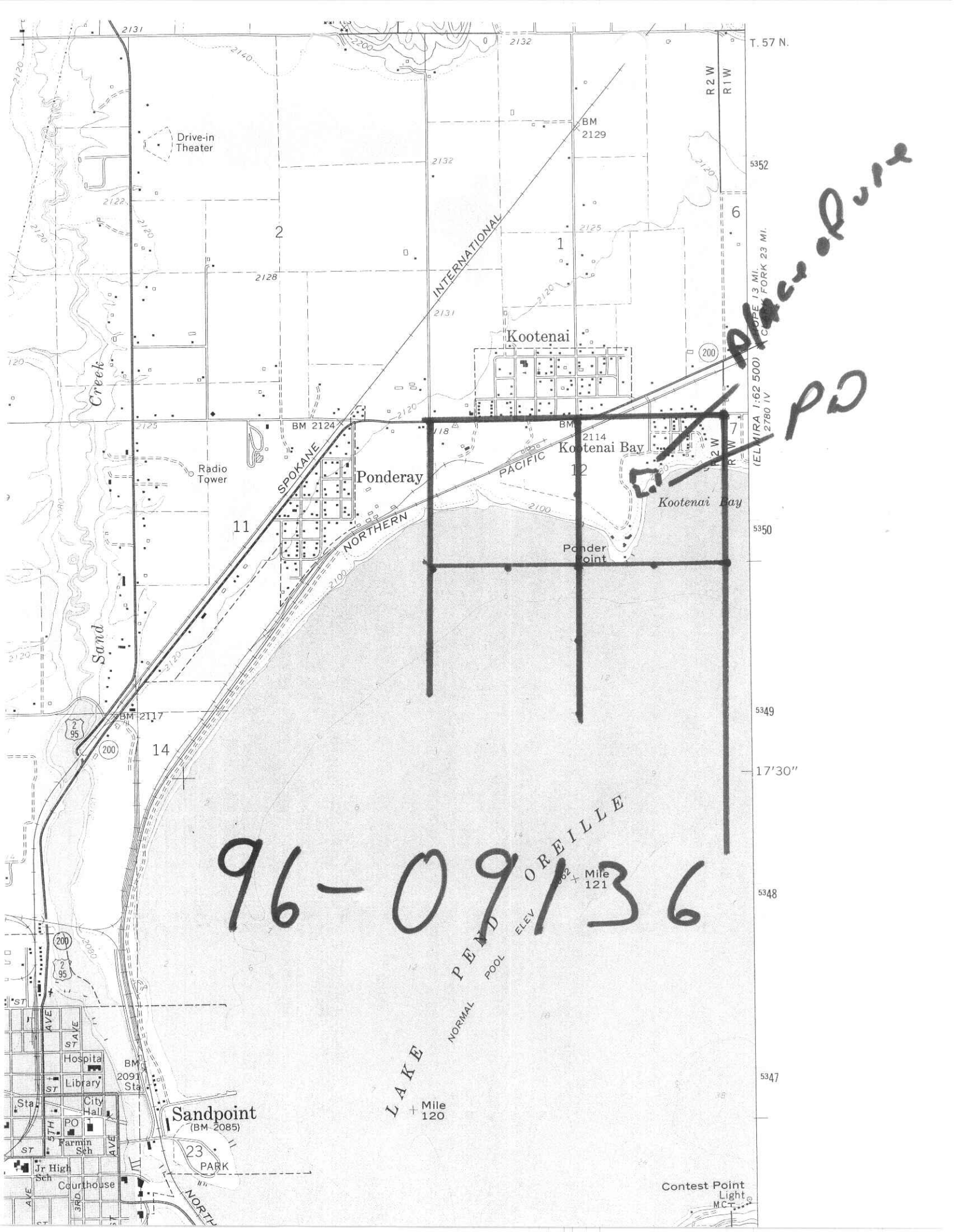
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____



96-09136



PD



PV



PV



PV

96-9136



Pu Pasture

E. NARRATIVE/REMARKS/COMMENTS

Mr. Wohllait was unable to give me many specifics about the system. It is all buried with pop up heads. He said this was all done before he purchased home. The only thing he could tell me was there are 15 zones approx 10 heads on each zone. I watched main operate system. Pump can only handle 1 zone at a time and operated at 35 psi.

There is really no way to get accurate measurements. So seeing how the pump is the limiting factor of system I used a theoretical calculation for rate. I showed this calculation to Mr. Wohllait and he said that is what he was told by former owner.

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Theoretical

$$\frac{8.8(1.5)(.7)}{45 + (2.31 \times 35)} = \frac{9.24}{125.85} = .07 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.2 \times 3 = 12.6$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .07 \times 245 \times 1.9835 = 3.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 12.6$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Irrigation</i>	<i>03-15</i>	<i>11-15</i>	<i>.07</i>	<i>12.6</i>
Totals:			<i>.07</i>	<i>12.6</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

5-27-04

Reviewer

Date

SEAL