

[illegible]

New Owners

John + Tasha Valtistas

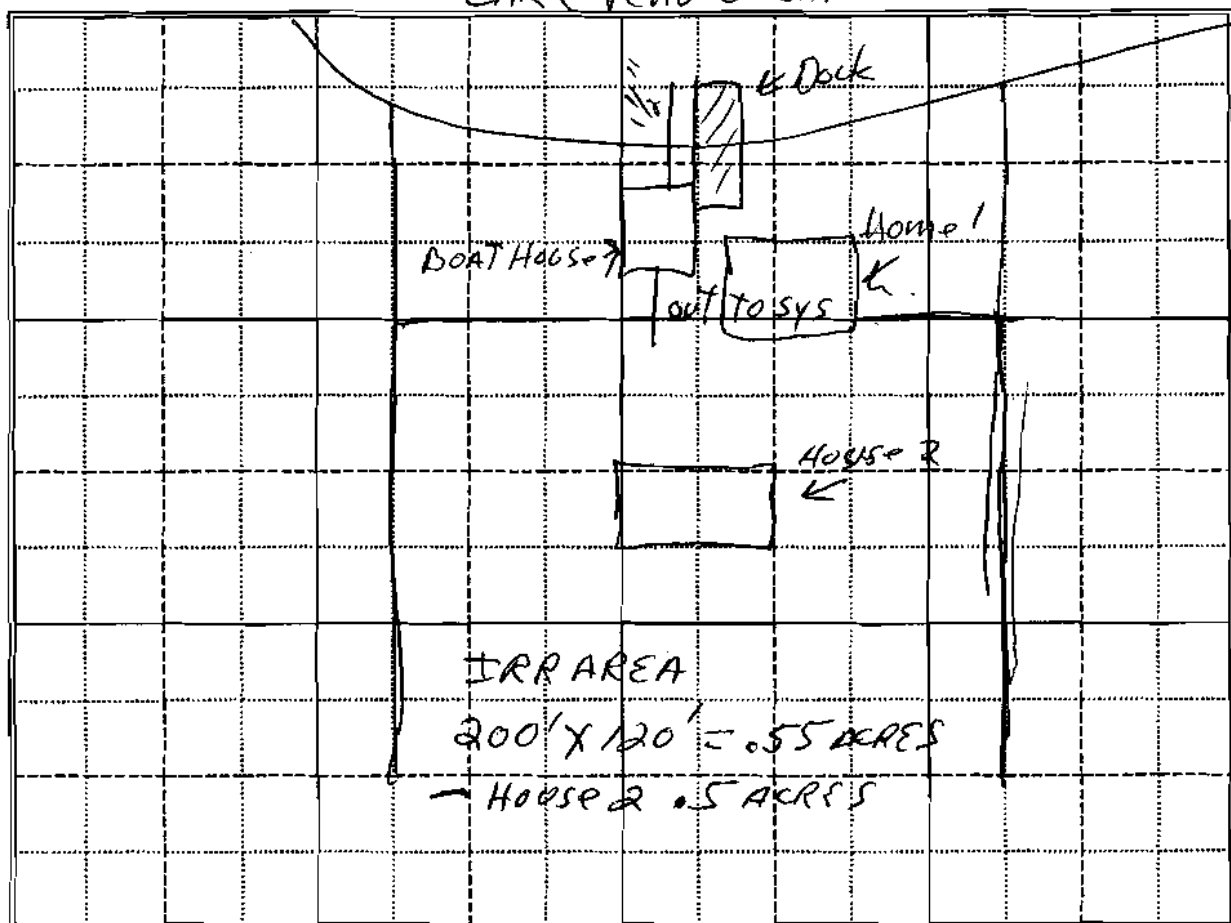
3303 N Manor Dr. E.

Phoenix AZ. 85014

602-840-6771

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

Lake Pend Oreille

Scale: $r =$

____ 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	.75	2824075015	Sub	1 1/2"

*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:

1

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Theoretical

$$\frac{8.8(75)(.7)}{40 + (2.31 \times 50)} - \frac{4.62}{155.5} = .02 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .5 \times 3 = 1.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .02 \times 245 \times 1.9835 = 9.7$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.5$$

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>.02</i>	<i>1.5</i>
Totals:			<i>.02</i>	<i>1.5</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 Belcher* Date *9-30-08*

Reviewer *[Signature]* Date *10/27/08*

SEAL

96-9179



Legend

- ⊙ Right POD
- ▨ Right POU

0 40 80 160 240 320 Feet





pod1.JPG



pod.JPG



pou1.JPG



pou.JPG



