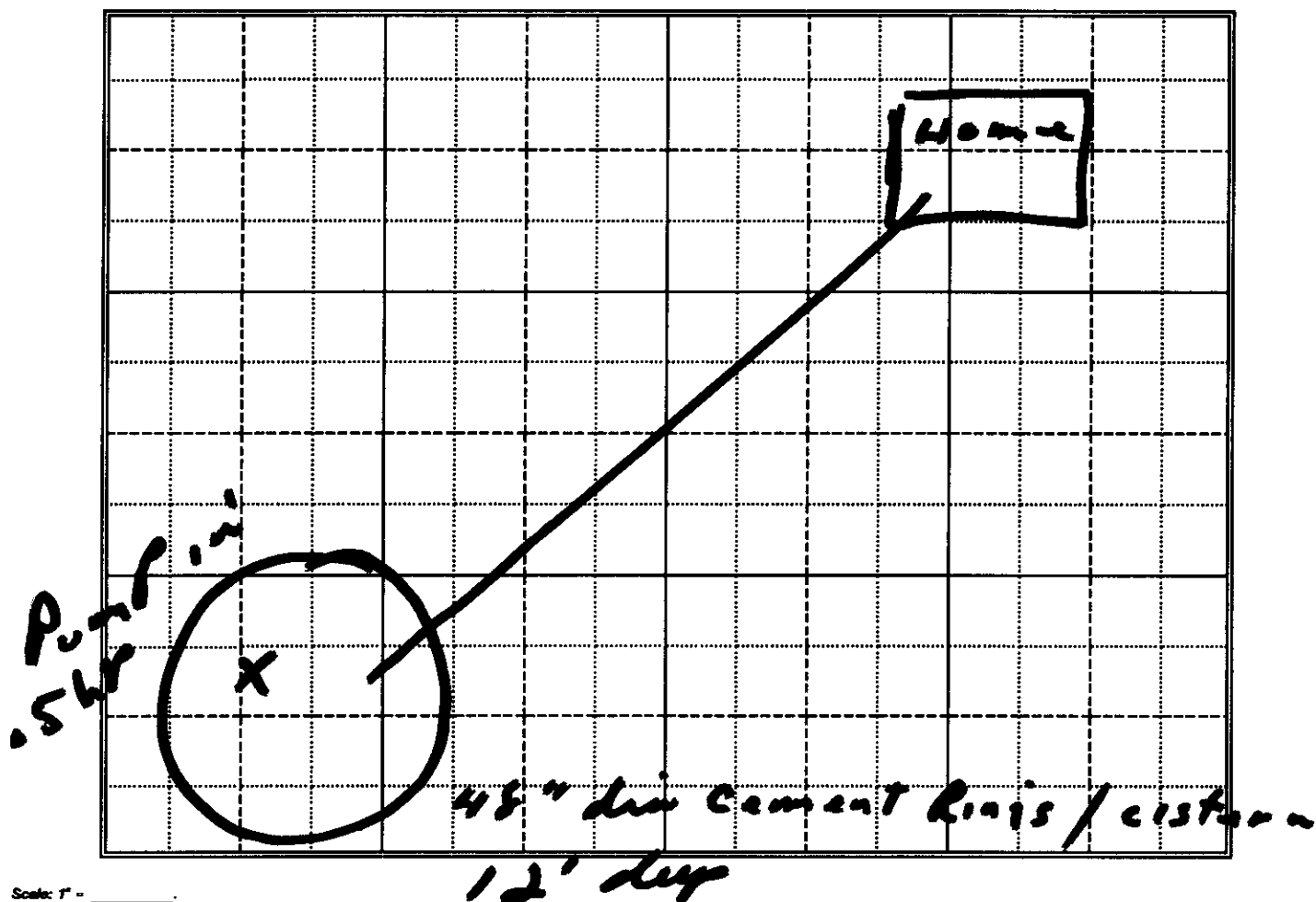


[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir 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	05	NA	Sub	1"

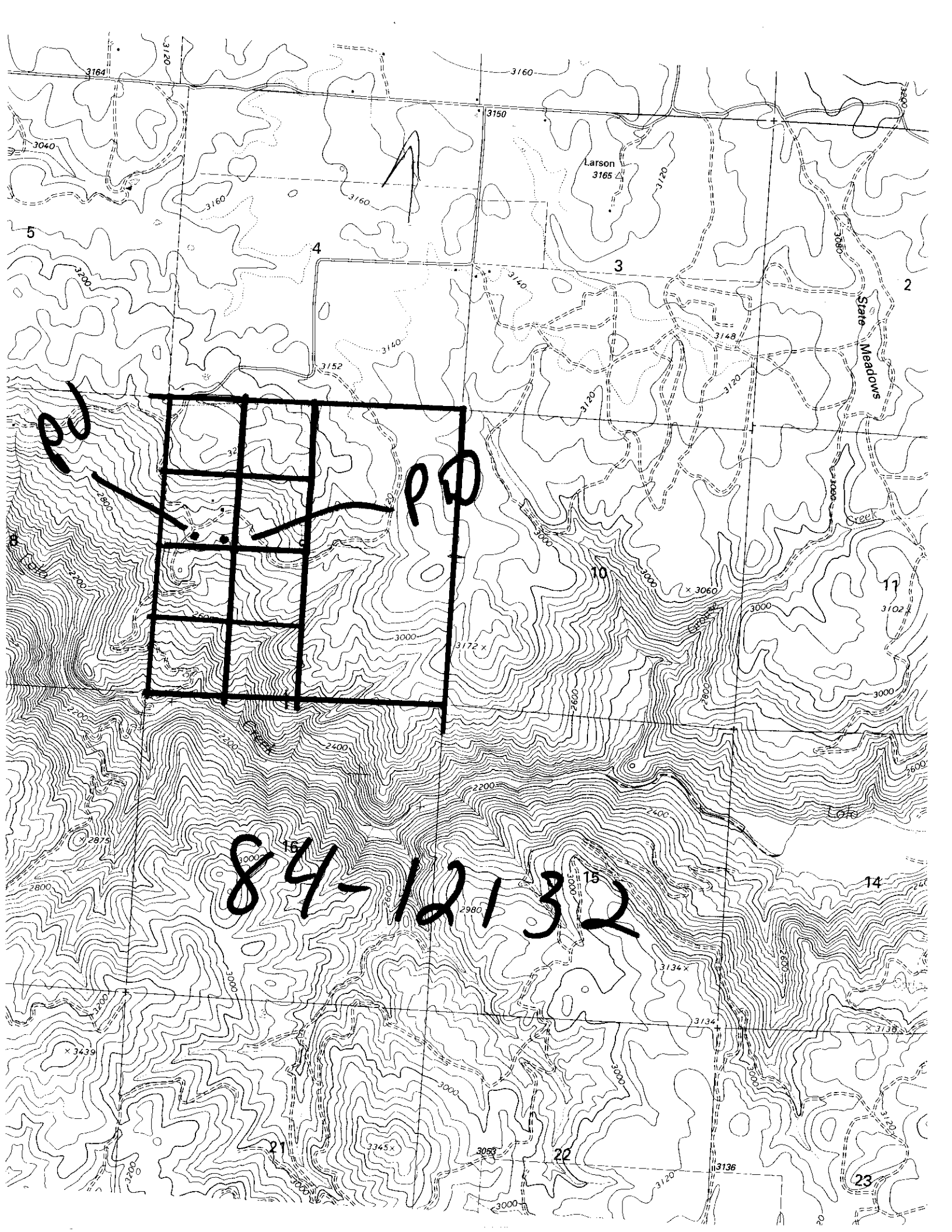
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

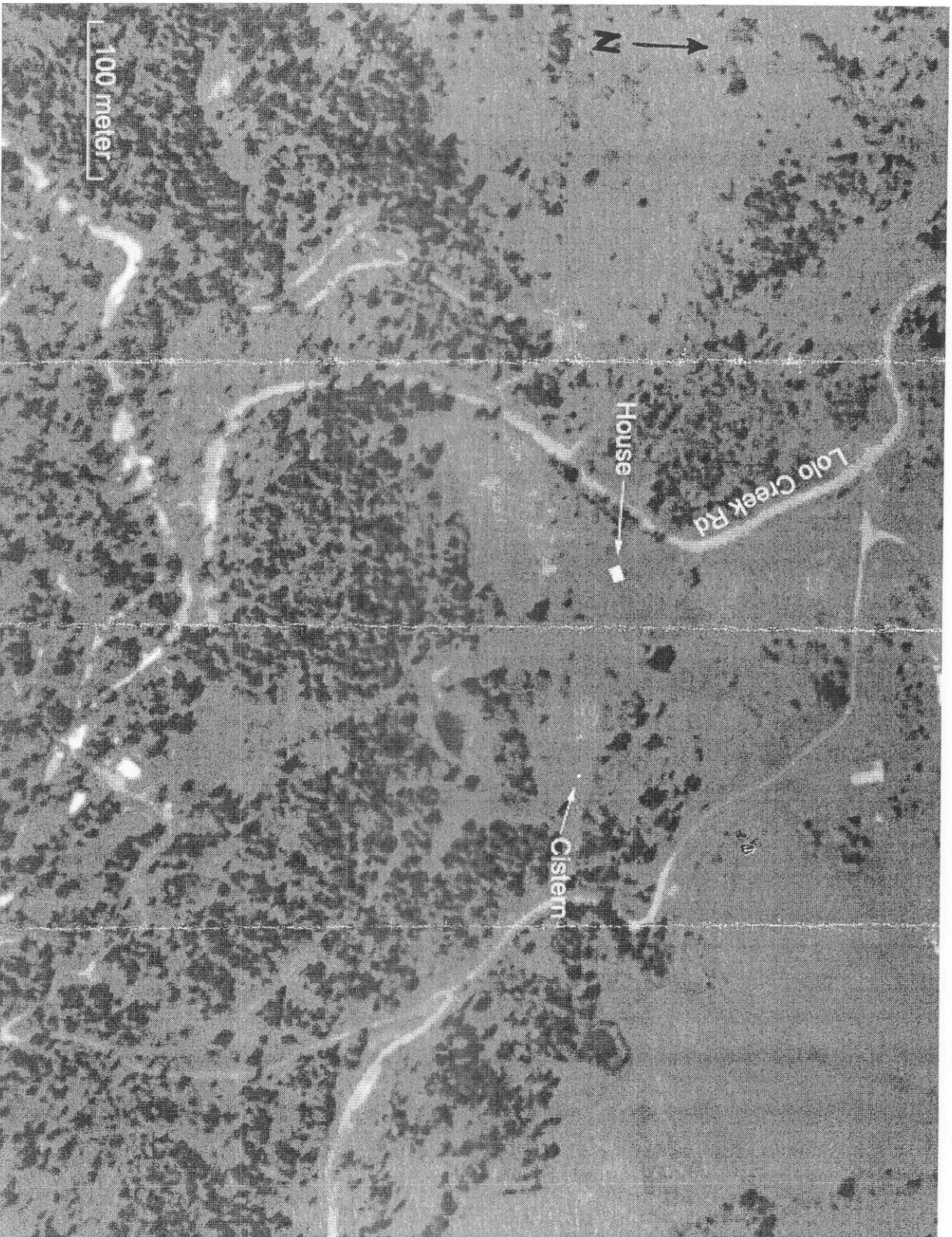
1.

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

2. Measurements: _____



Emma Lou Myerson Residence



Cistern location: TWP 34N RUG 4E SEC. 9, IN THE ~~NE 1/4~~ SW 1/4, SE 1/4, NW 1/4, BOISE MERIDIAN, CLEARWATER COUNTY, IDAHO



P2



P1

84-12132

MASON

E. NARRATIVE/REMARKS/COMMENTS

At time of exam no overflow from
cistern. A .5 hp pump in cistern
delivers to house. A 5 gal bucket measurement
was done at the house, with pressure tank
drained 5 gpm.

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

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

$$\frac{5 \text{ gal Bucket } 5 \text{ gal in } 60 \text{ sec}}{60} \times 1.33651 = .0106 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R} \text{ and } V_{D.R} = \underline{\hspace{2cm}}$$

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		
<u>Domestic</u>	<u>01-01</u>	<u>12-31</u>	<u>1.01</u>	<u>1.2</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<u>1.01</u>	<u>1.2</u>

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 Boldt

Date

8-7-03

Reviewer _____

Date _____

SEAL