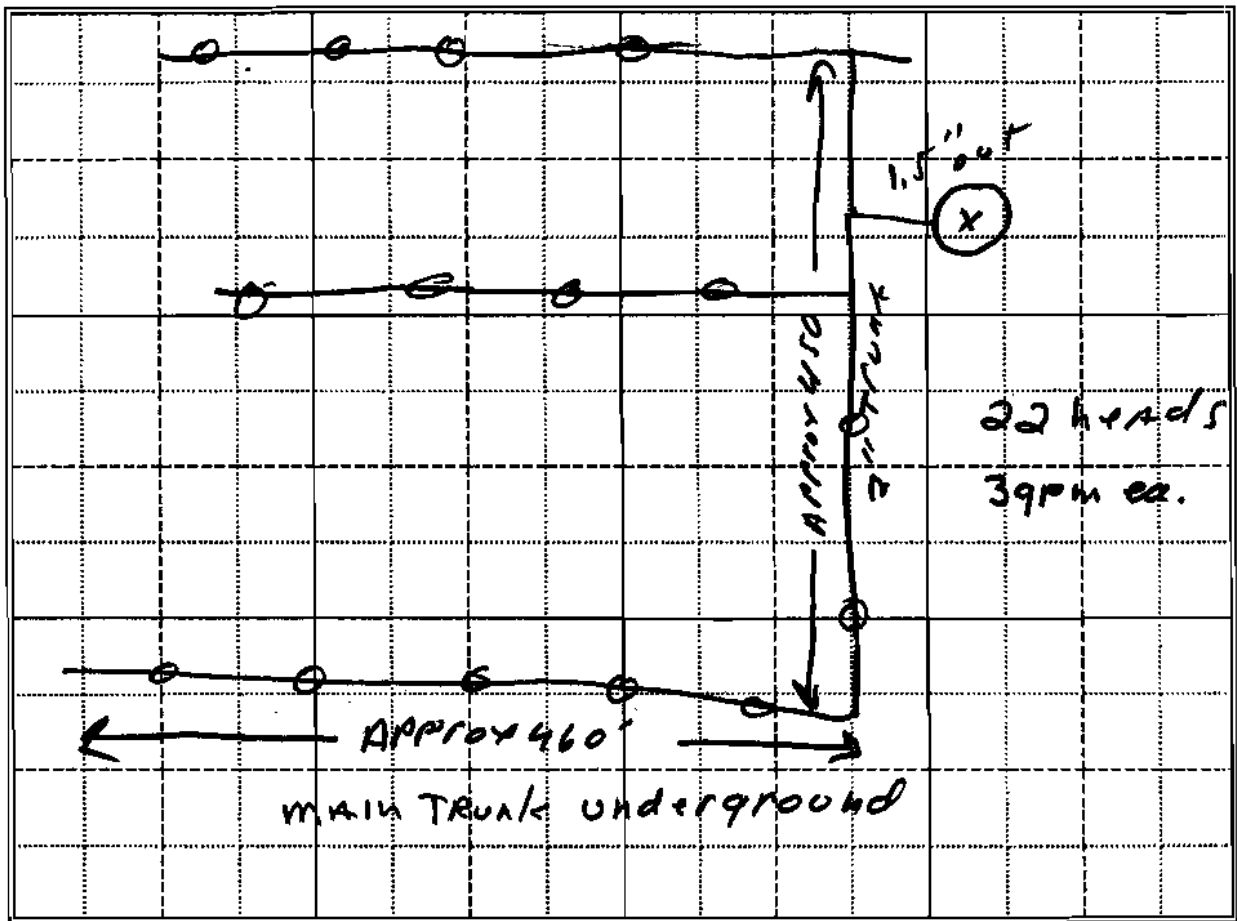


[illegible]

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
	Goulds	3		Goulds	1.5"

*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: _____

E. NARRATIVE/REMARKS/COMMENTS

System main line is all underground.
Operating at 50 PSI 39pm ea. lead.

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

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

Theoretical

$$\frac{8.8(3)(.7)}{25 + (2.31 \times 50)} = \frac{18.48}{140.5} = .13 \text{ cfs}$$

$$22 \text{ heads at } 39 \text{ PM} = \frac{669 \text{ PM} \times .133681}{60} = .14 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 7 \times 3 = 21$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days In Irrigation Season}) \times 1.9835 = .14 \times 213 \times 1.9835 = 59$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 21$$

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>04-01</i>	<i>10-31</i>	<i>.14</i>	<i>21</i>
Totals:			<i>.14</i>	<i>21</i>

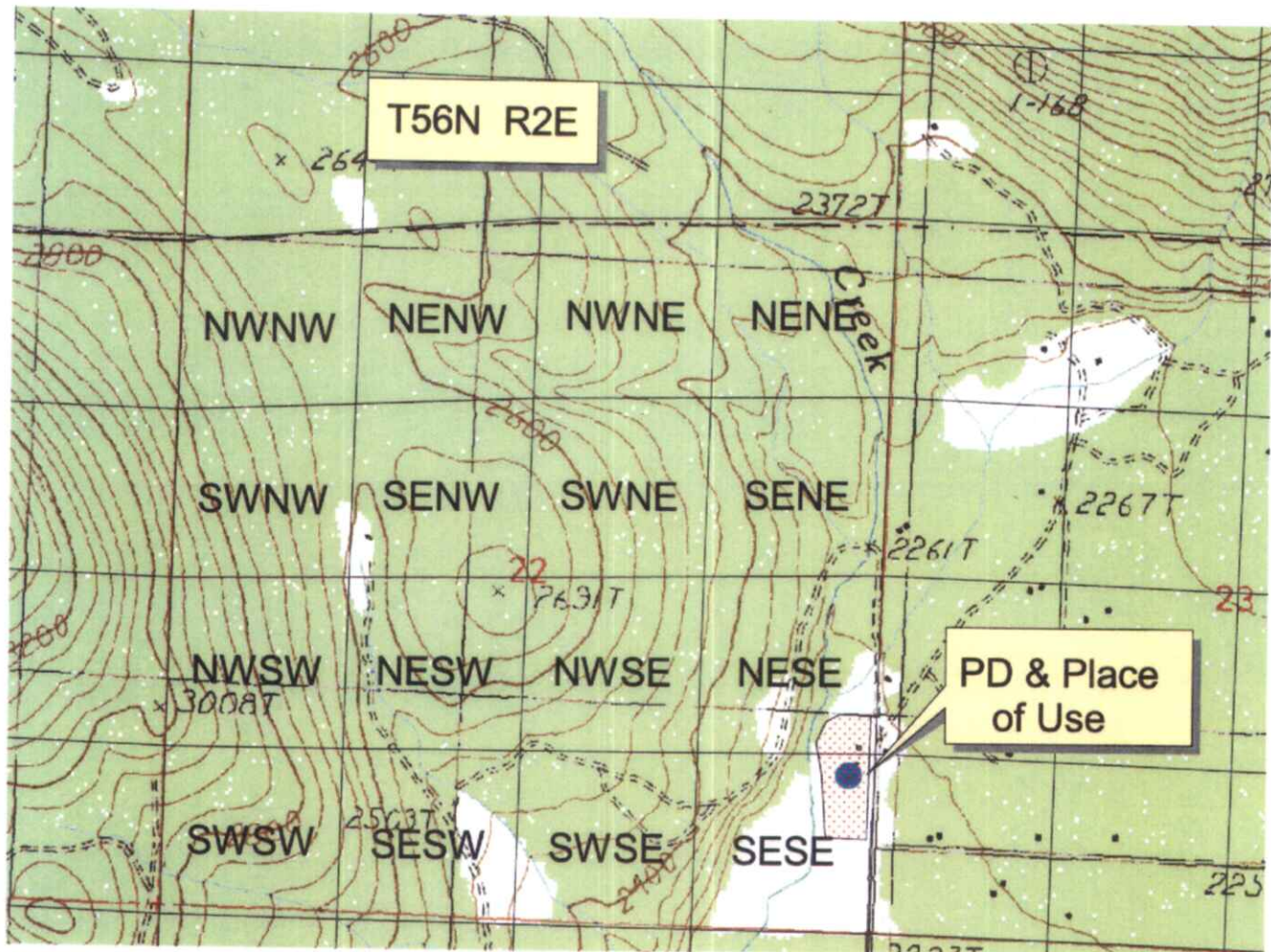
2. Recommended Amendments

☐ 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. AUTHENTICATIONField Examiner's Name Wayne Salolun Date 9-28-07Reviewer [Signature] Date 1/2/8

SEAL

Loren Wittrock



Unknown Units: View1

96-09160

T56n02e.shp

MICROFILMED
JUN 16 2004





P2



PJ



PJ