

[illegible]

Method of Determination:

☒ Aerial View Completed

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☐ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☐ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		3hp	submersible		pump
		2hp	submersible		pump

*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:

50psi 150 static water

5hp = 0.12 cfs

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

$$cfs = \frac{5 (0.16)}{150 (2.31(50))} = 0.12 cfs$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 4$$

2. Volume Calculations for Other Uses:

Commercial office = 40 people $\times$ 30 gal/d $\times$ 286 days = 1 AF

- Boiler / steam cleaner / Asphalt = 6000 gal/day $\times$ 286 day/yr =

5 AF/A

6 AF/A total

G. NARRATIVE/REMARKS/COMMENTS

two wells to office buildings with 3 restrooms and 40 employees. Asphalt company with a boiler and steam cleaner use. one acre of irrigated lawns scattered throughout the property

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
IRRIGATION	04/01 to 10/31	0.020 CFS	4.00 AF
COMMERCIAL	01/01 to 12/31	0.120 CFS	6.00 AF
Totals:		0.120 CFS	10.00 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

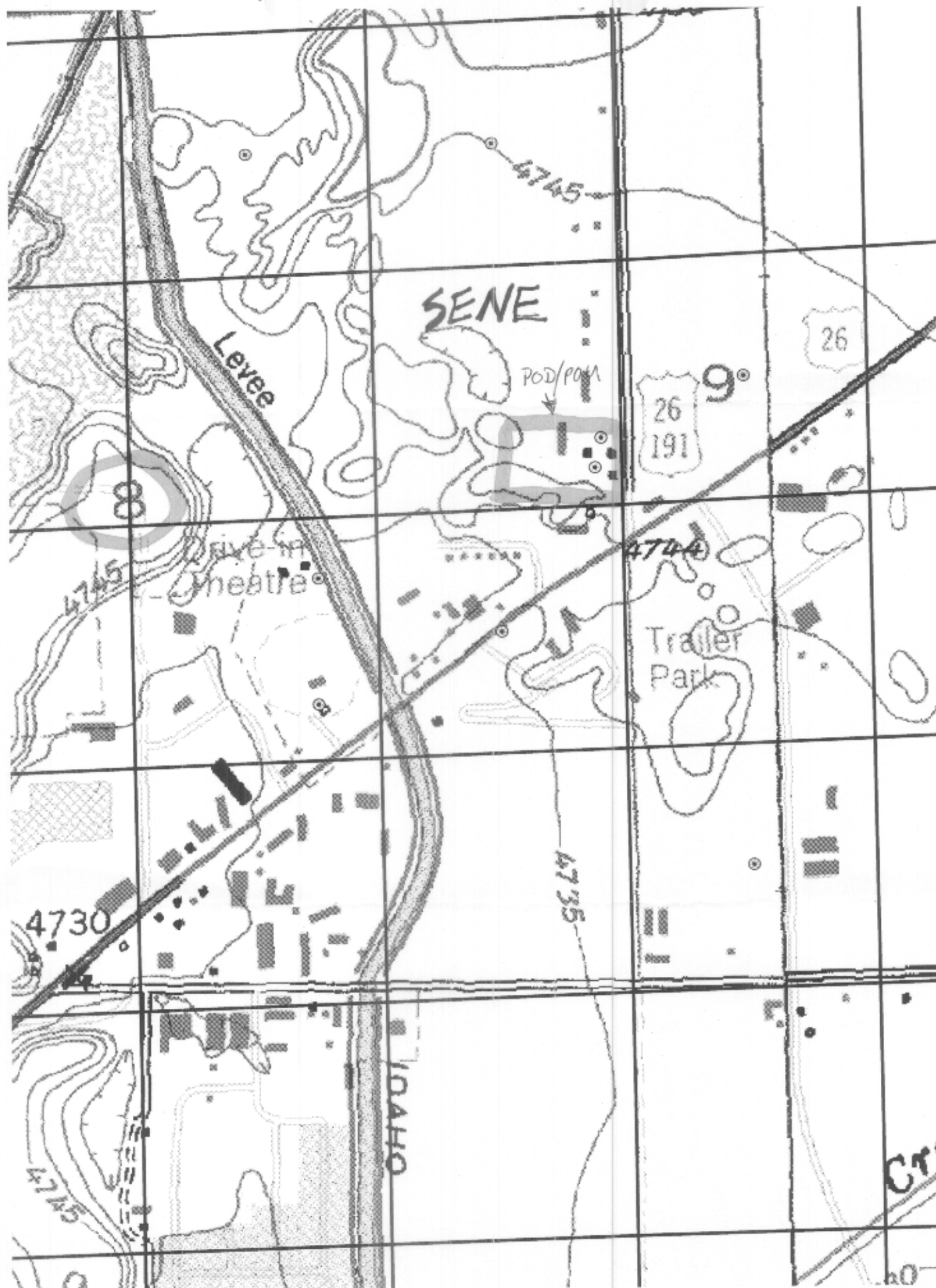
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name DAVE CARLSON Date 4/12/2005

Reviewer _____ Date _____

25-13999



25-13999

POB



8/15/2003 pic 1778

Adj →
25-16009

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POD



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