

[illegible]

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

See Attachment

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	2		Sub	2"
	Franklin	2		Sub	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: _____



Pump
House #2



PV



PV



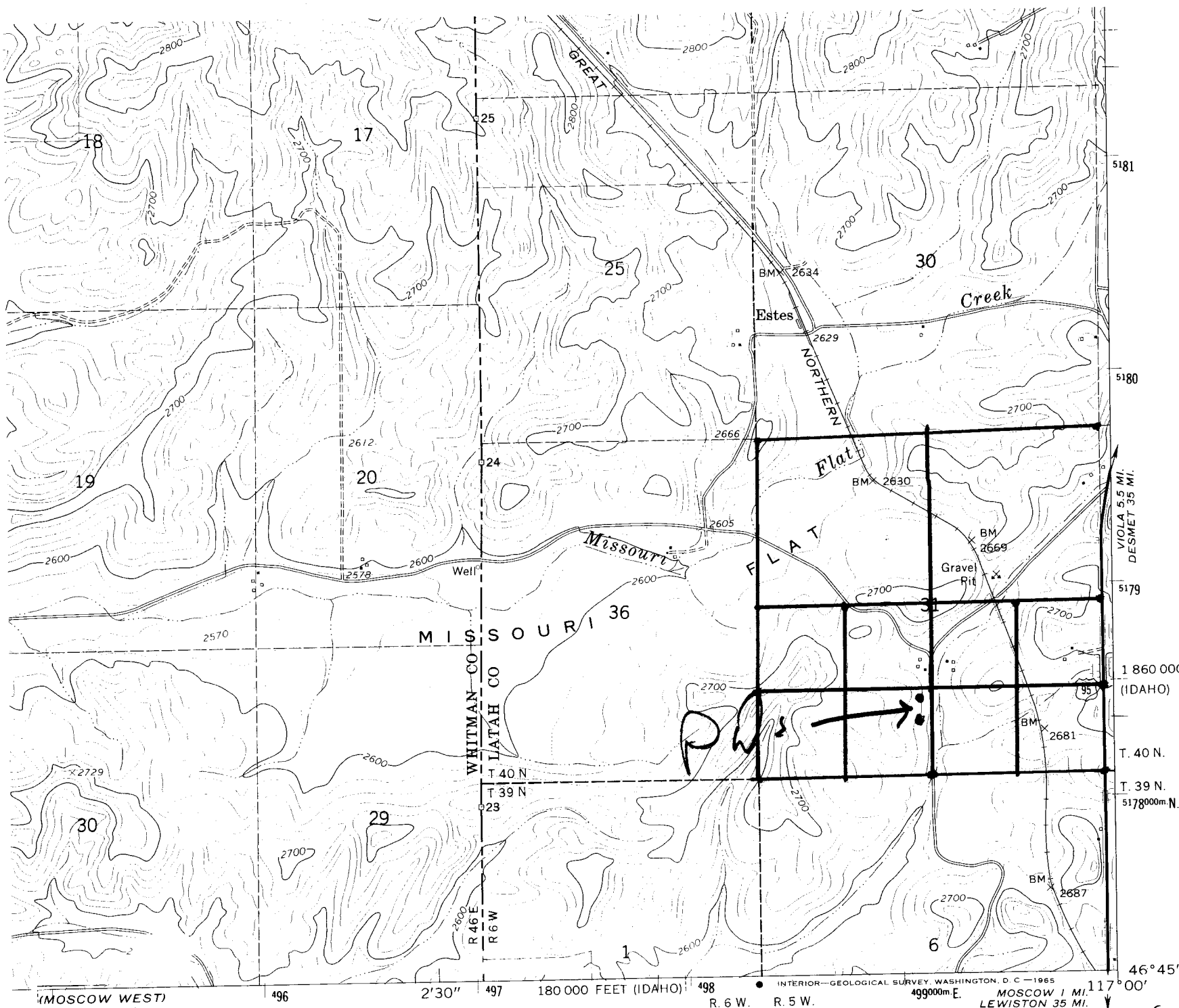
pd #1



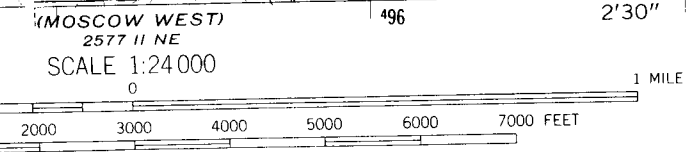
pd #2



Ramp
house



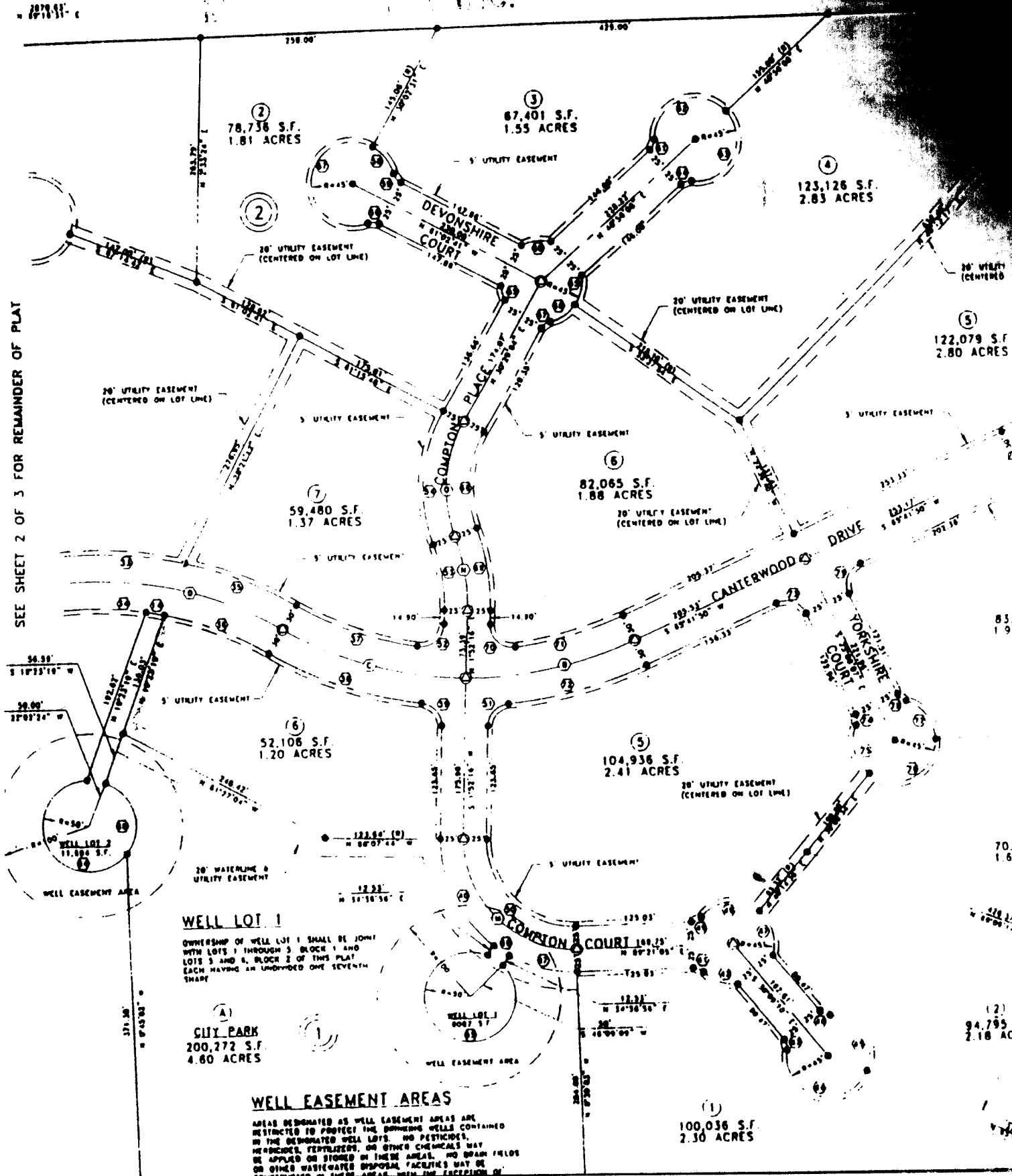
87-7197



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———

(MOSCOW EAST) 2577 III N

2078-93-6





E. NARRATIVE/REMARKS/COMMENTS

System is insufficient for everyone to irrigate at once. Each house is set on timers so only one irrigates at a time. Each is restricted to up to $\frac{1}{4}$ acre and also each is allowed no more than 12 gpm for irrigation.

Have conditions of permit approval been met? Yes ___ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

*Flow is metered**Well No 1 19 gpm**Well No 2 19 gpm*

$$= \frac{38 \text{ gpm} \times 1.133681}{60} = 1.085 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 7.5 \times 3 = 22.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .03 \times 245 \times 1.9835 = 14.5$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 14.5$$

2. Volume Calculations for Other Uses:

$$\text{I.R.R. } \frac{12 \text{ gpm} \times 1.133681}{60} = 1.0267 = .03$$

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>3-15</i>	<i>11-15</i>	<i>.03</i>	<i>14.5</i>
<i>Domestic</i>	<i>01-01</i>	<i>12-31</i>	<i>.08</i>	<i>9</i>
Totals:			<i>.08</i>	<i>23.5</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. AUTHENTICATIONField Examiner's Name Wayne Baldwin Date 9-28-06Reviewer Bertie L. Franklin Date 10/26/06

SEAL