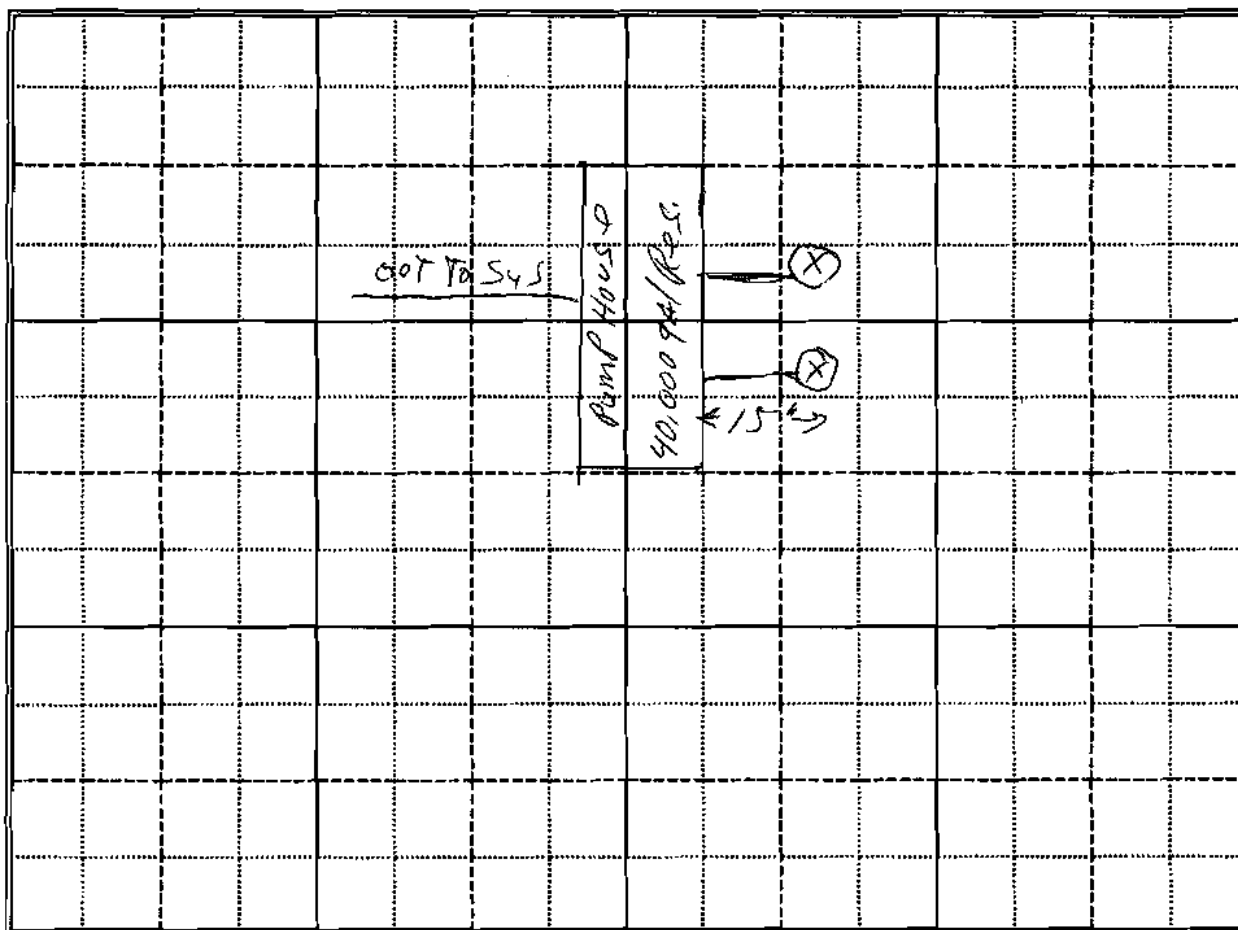


[illegible]

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
2X	Franklin	10	282209230	Sub	4"

*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

There are 2 wells next to pump house
These pumps only run 1 at a time (Primary pump
and backup)

PWS# 1280246

Sienna Ridge Estates

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

$$\text{Flow meter } 50 \text{ gpm}$$

$$\frac{50 \times 1.33681}{60} = .11 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 15.5 \times 3 = 46.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .27 \times 213 \times 1.9835 = 114$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 46.5$$

2. Volume Calculations for Other Uses:

irr. area figured .5 acres per lot
 annual Volume Domestic • 6 AF X 31 lot. 18.6 AFA

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01-01	12-31	.11	18.6
Irrigation	04-01	10-31	.09	46.5
Totals:			.11	65.1

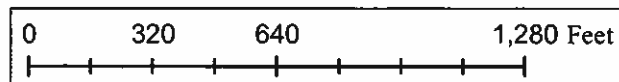
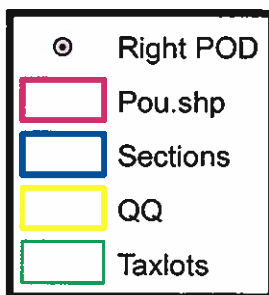
2. Recommended Amendments

☐ 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 Balducci Date 9-5-08Reviewer [Signature] Date 12/1/8

SEAL

95-9527



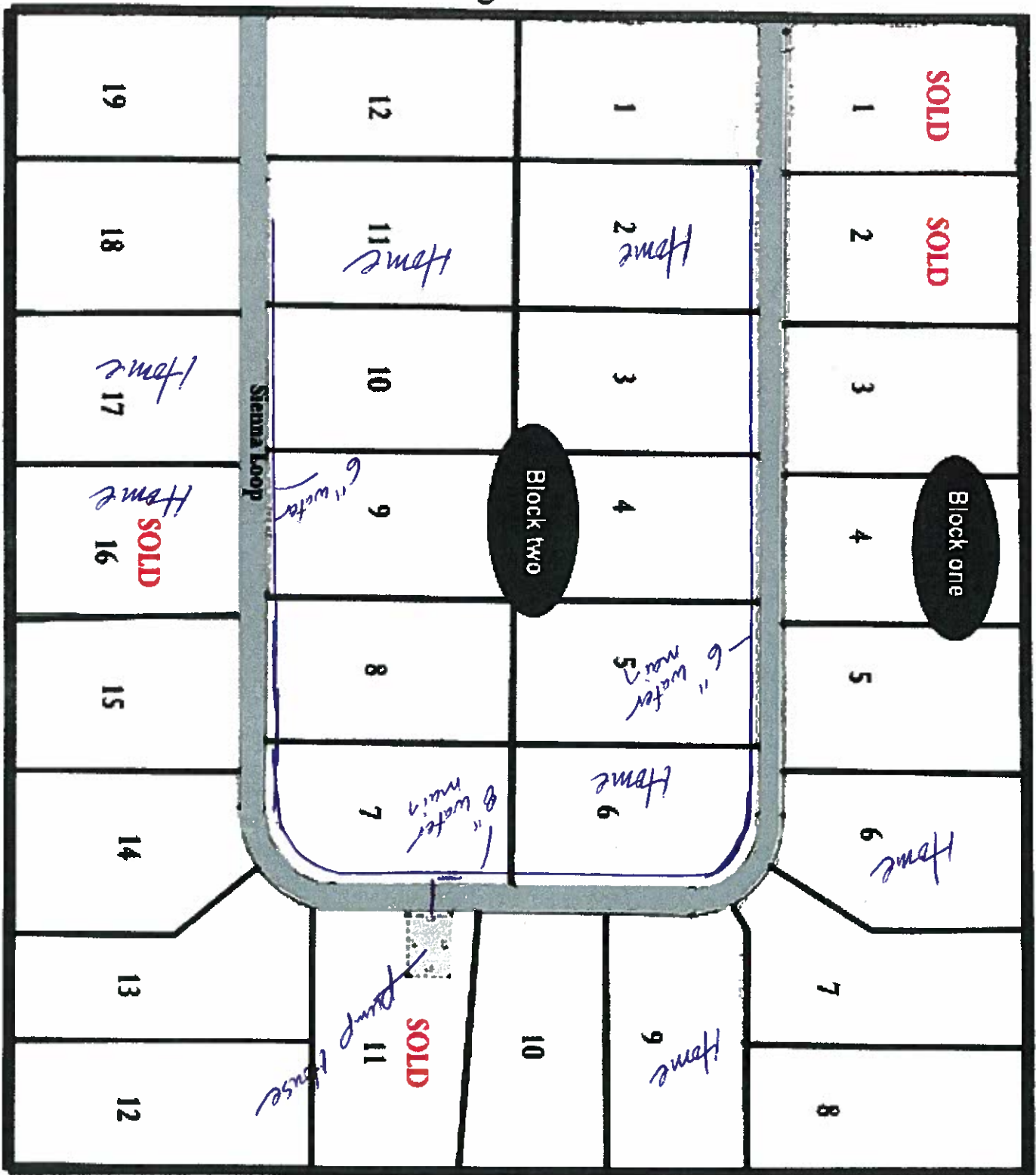
Sienna Ridge Estates

Plat Map

Clagstone Rd

95-9527

Highway 54



5 Acre Estate Home Sites



010.JPG



011.JPG



012.JPG



013.JPG



027.JPG



028.JPG



inside pump house.JPG



place of use (2).JPG



pod.JPG



pump house.JPG

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