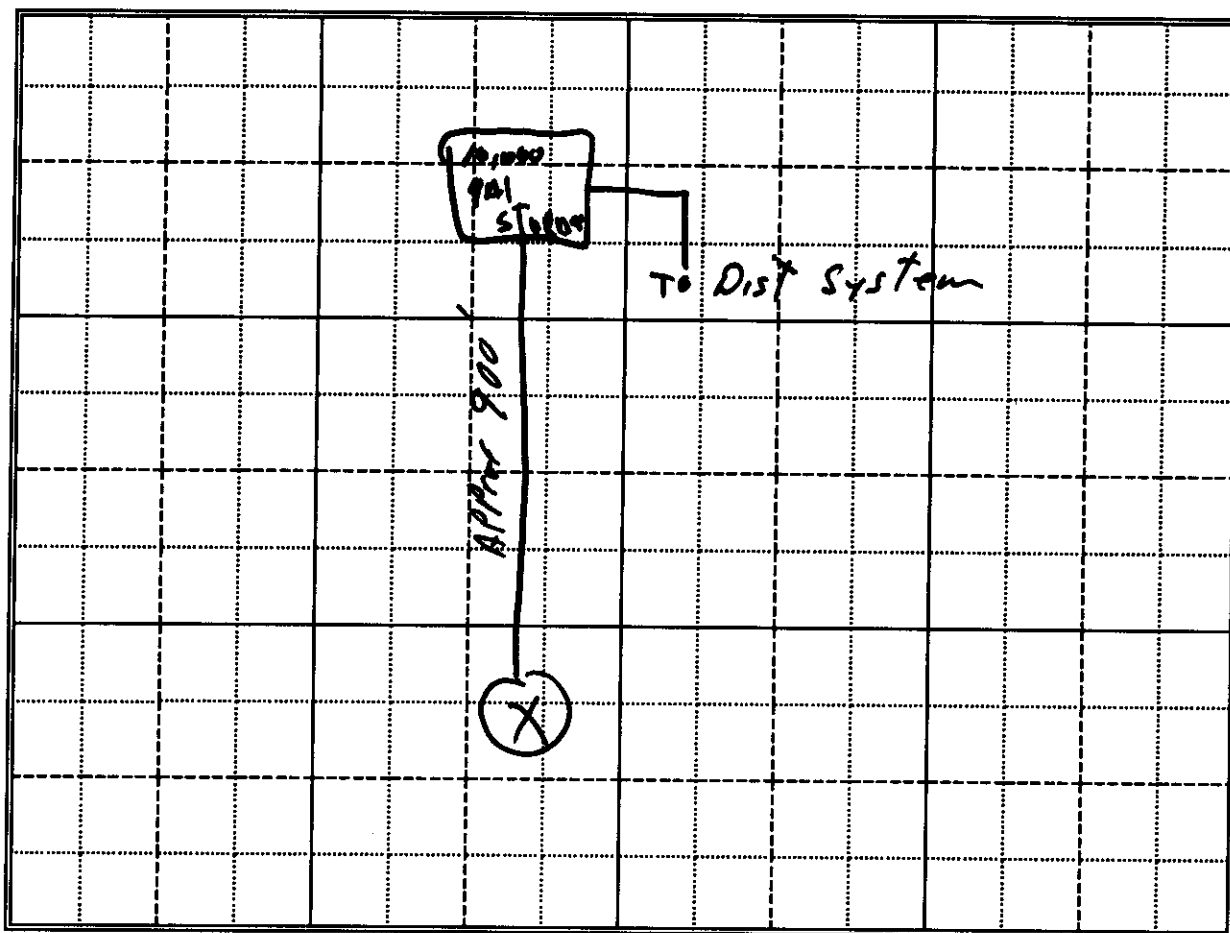


[illegible]

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	5	2821139110	Berkely	L30P45mGS-03
			23amp/3.7 Kw		

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

D. FLOW MEASUREMENTS

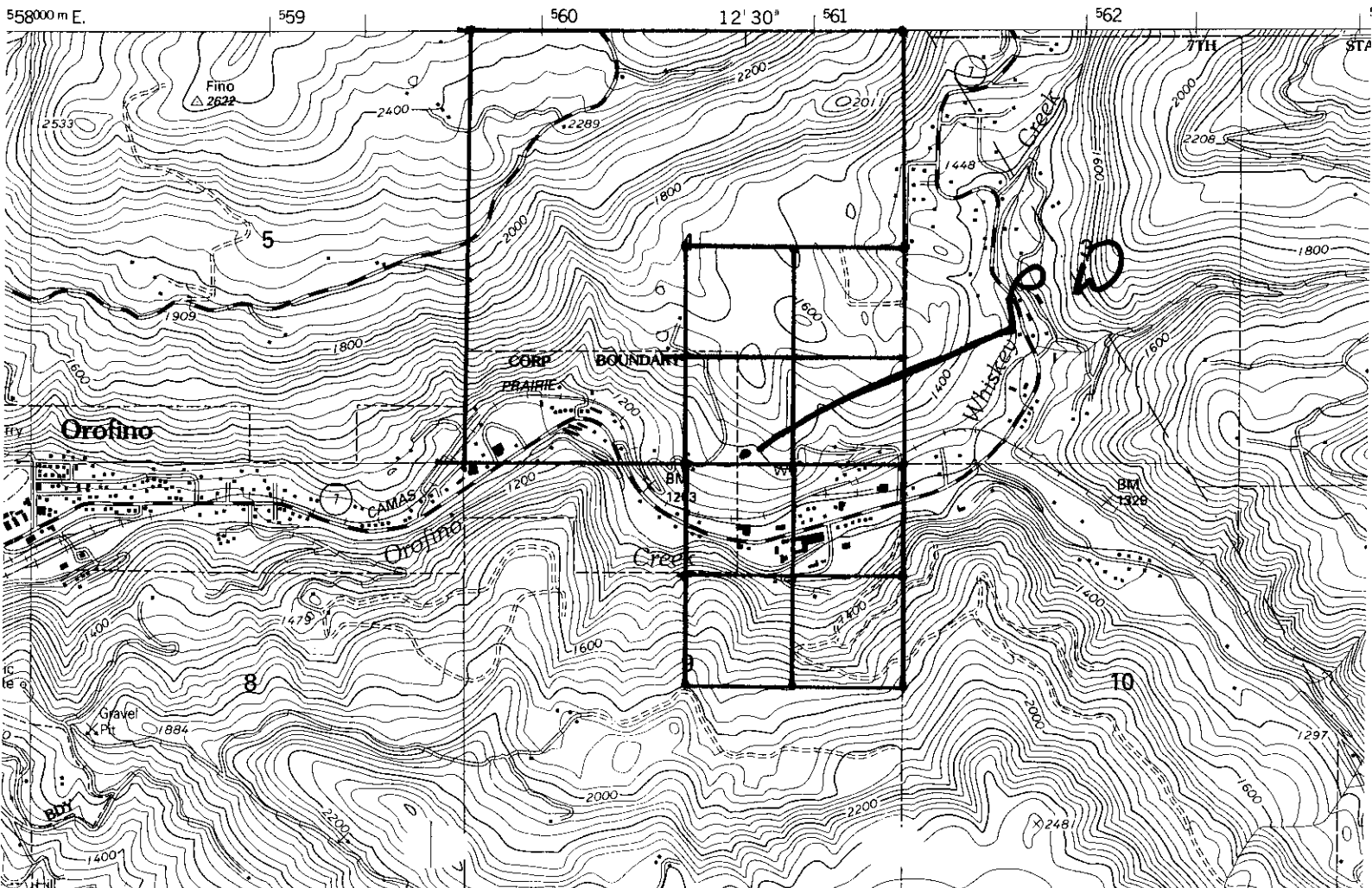
1.

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

2. Measurements: _____

84-12144

UNITED STATES
DEPARTMENT OF AGRICULTURE
FOREST SERVICE



HL Bc 344

769-1454

South 1/16 1h
Section 4. See
st. #-----

S
C
S
#

city Limits

PLACE OF
USE

PARCEL A
3.04 ACRES

PARCEL J
4.72 ACRES

PARCEL I
PIPPENGER
12.64 ACRES

PARCEL B
3.05 ACRES

PARCEL C
2.54 ACRES

SW 1/4 SE 1/4
SEC. 4

PARCEL G

PARCEL E
1.12 ACRES

PARCEL D
1.52 ACRES

PARCEL H
BUTLER
2.81 ACRES

PARCEL F
1.37 ACRES

= Lots served
by system

NE 1/4
SEC. 9

OTHER DOCUMENTS PREPARED THIS SURVEY

SECTION 4,
ST. PAUL MEDICAL



84-12144



PD



PV



PV

E. NARRATIVE/REMARKS/COMMENTS

Visiting the site I found only one lot occupied at time of exam. They were not irrigating. But area cleared for lawn & garden use doesn't exceed normal domestic irrigation. Mr Brown tells me that people hooking up to this system will know that they are not to exceed 4 acre irrigation. The system can't handle any more than that.

There were no trucks at time of exam seeing how all but one lot is empty. Your call.

There is no flow meter on this system. There is no where for poly sonic meter to be used. I did a 5 gal bucket measurement at hydrant located at well site (see photo) I disconnected hose seen in photo. I measured 30 gpm. Mr Brown said that what he was told. He was able to find his pump curve info it shows 31.9

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

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

5 gal in 10 sec = 30 gpm

$$\frac{30 \times .133681}{60} = .066 = .07 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.5 \times 3 = 13.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .07 \times 245 \times 1.9835 = 3.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.4$$

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		
Domestic	01-01	12-31	.07	5.4
Irrigation	03-15	11-15	.07	13.5
Totals:			.07	18.9

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 9-29-04

Reviewer _____ Date _____

SEAL