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Department of Water Resources

Permit No: 96-8998

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-8998

Exam Date:

1. Current Owner: EIGHT MILE PRAIRIE HOMEOWNERS ASSN
PO BOX 546
ATHOL ID 83801

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

SW 1/4 SE 1/4

Sec. 30, Twp 53N, Rge 03W, B.M.

KOOTENAI County

Method of Determination:

2.

PLACE OF USE:

MUNICIPAL

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
53N	03W	30													X	X	X	X	

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	0.310 CFS	
	<u>Totals:</u>	0.310 CFS	30.00 AF

[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
	?	25		Goold	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: _____

P2



Pump House &
Back wall is the
wall of storage
facility

P3



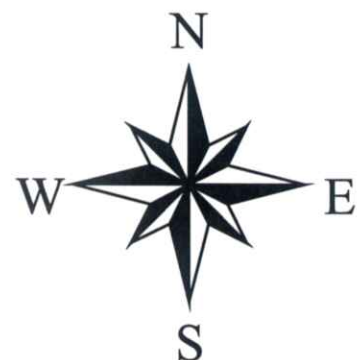
P4



Eight Mile Prairie Homeowners Assn

96-08998

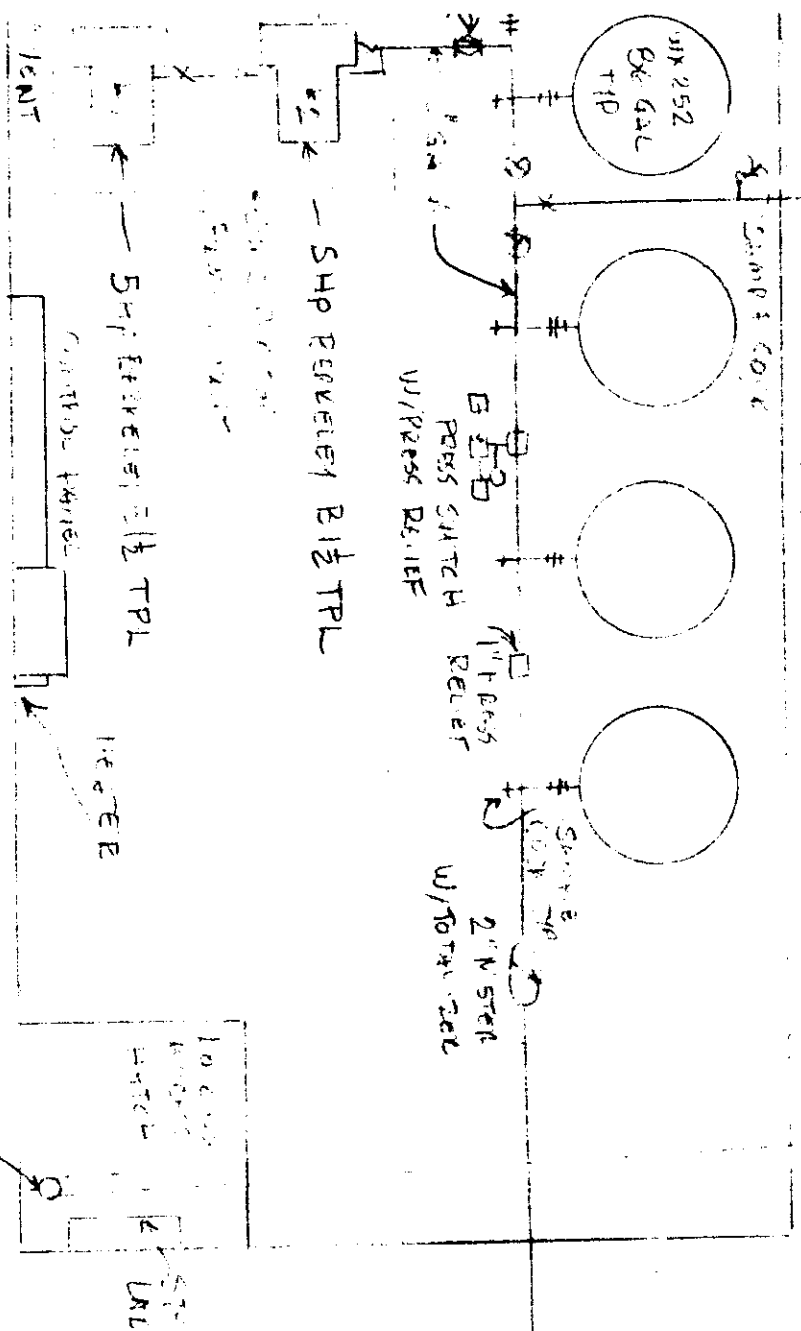
Eight Mile Prairie Home Owners Assn



 Kootenai.shp
PLSS Section LinesSections.shp
7.5 Minute Quad BoundariesQuad75.shp
T53n03w.shp

1"2" WATER IN PIPING

TO RETURN



2'X14'X8' FREIGHT CONTAINER
PUMP HOUSE



A/C CONSULTING

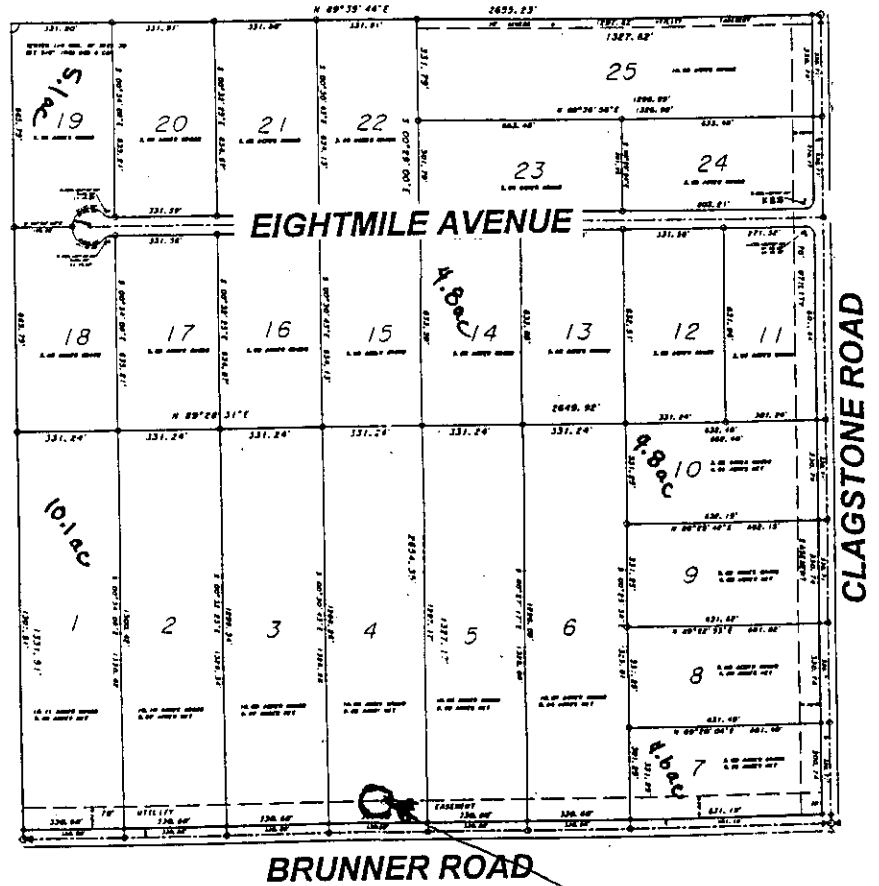
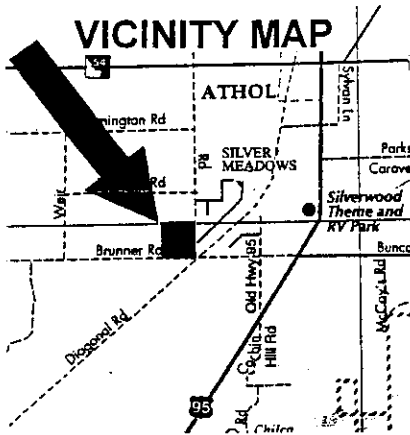
200 AMP 30
ELECTRICAL SERVICE

WATER FROM WELL TO DISTRIBUTION
WATER FROM WELL TO PRESSURE
PUMPS AT TREATMENT PLANT / LAB
OPERATING PRESS: 45-55 PSI
LAB 40-60 PSI

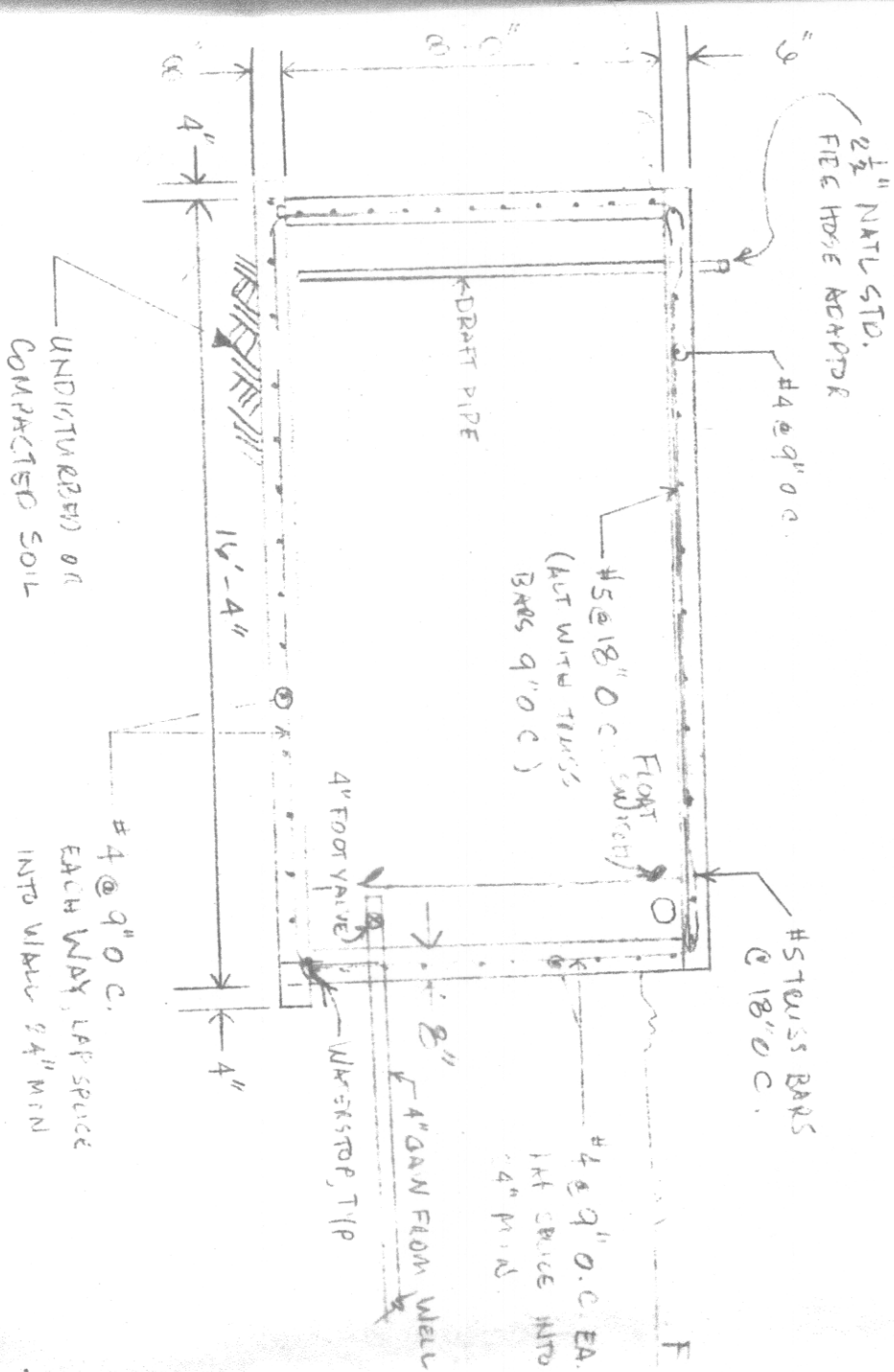
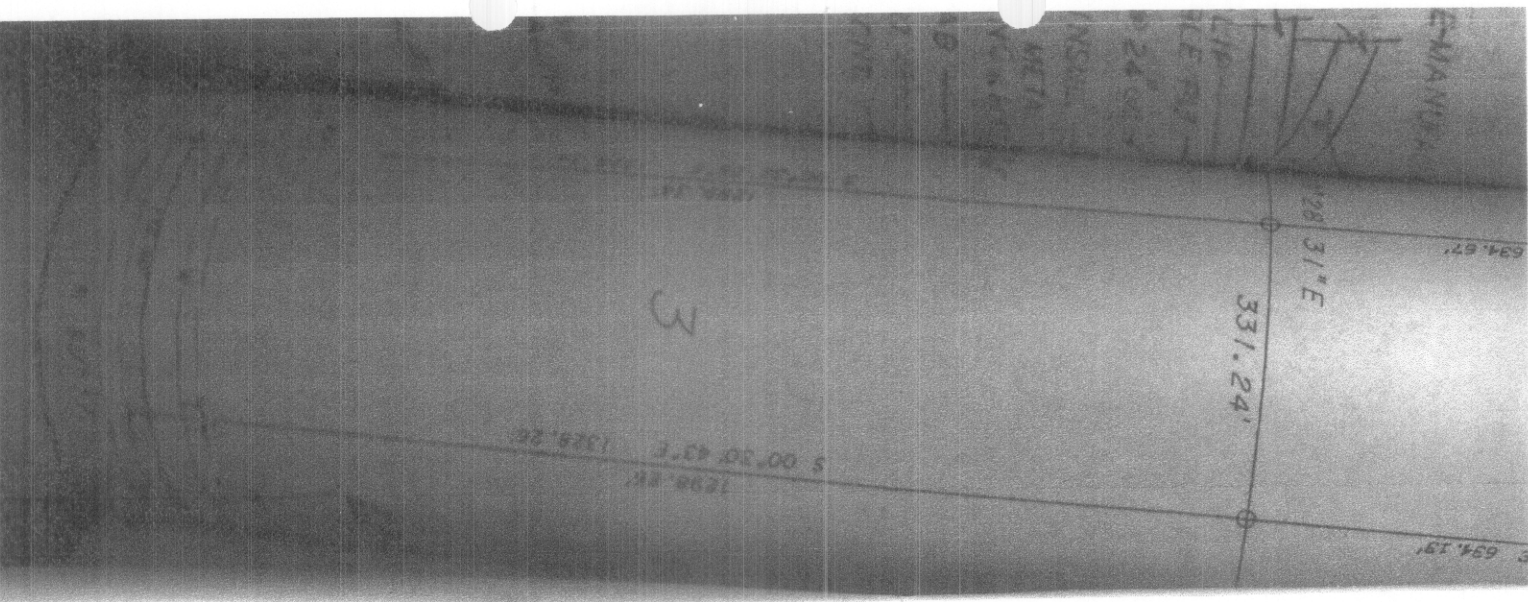
PUMP HOUSE LAPOUT

8' DIA. PDA/KE WATER SYSTEM	
SCALE: 1/4" = 1'-0"	APPROVED BY: [Signature]
DATE: 4-17-94	DESIGNER: [Signature]
24,000 GALLON STORAGE RESERVOIR	
PUMP HOUSE AND SITE PLAN	DRAWING NUMBER: 1 of 1

EIGHTMILE PRAIRIE - FIRST ADDITION



96-8998



SECTION B-B

$$\frac{1}{4} = 1'-0"$$

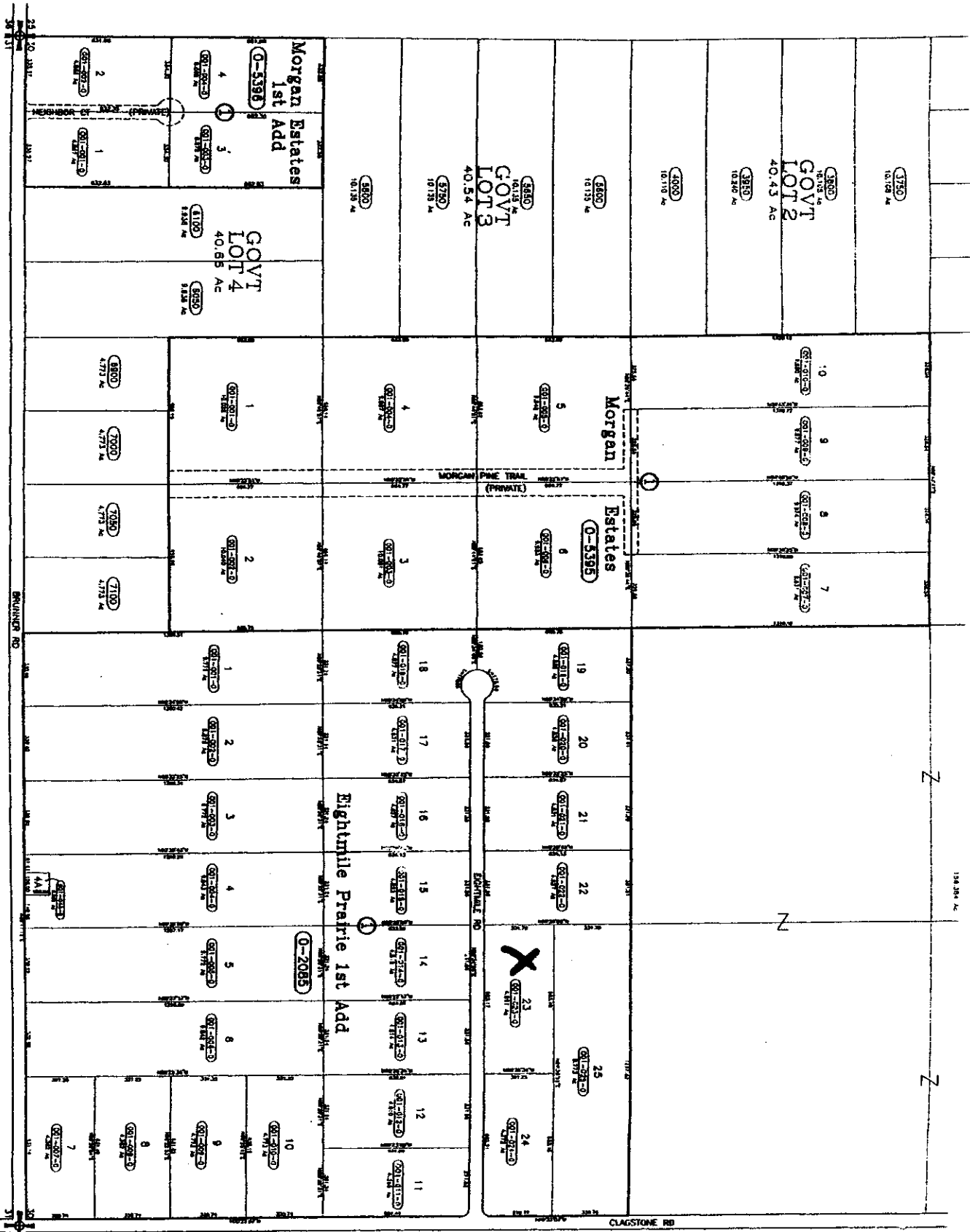
SECTIONS

DATE	BY
08-28-08	08-28-08
09-10-08	09-10-08
11-22-08	11-22-08
13-01-08	13-01-08

08-10-08

2. All other lands not included in the above listed parcels are reserved to the State of Iowa for the purpose of the National Antiquities Act, 16 U.S.C. 431, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500.

UNIT: SECTION



SCALE: 1 INCH = 400 FEET

Sec. 30 Twp. 53N. R. 3W. E

T. 53N., R. 36W.

E. NARRATIVE/REMARKS/COMMENTS

A flow meter was installed, but its location is not between the well and storage. It's a totalizer reading out from storage.
Therefore a theoretical was used for rate.
Asac. by laws prohibit any irrigation other than lawn + garden.

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

F. FLOW CALCULATIONS

Measured Method:

Theoretical Additional Computation Sheets Attached

$$\frac{8.8(25)(.7)}{390 + (2.31 \times 45)} = .31$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

$$25 \text{ homes} \times 1.20 \text{ AFA/home} = 30 \text{ AFA}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Municipal</i>	<i>01-01</i>	<i>12-31</i>	<i>.31</i>	<i>30</i>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<i>.31</i>	<i>30</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 *Change purposes of use**from Dom/Irr. to municipal***I. AUTHENTICATION**

Field Examiner's Name

Wayne Baldwin

Date

8-4-05

Reviewer

A. Taylor

Date

10-13-05

SEAL