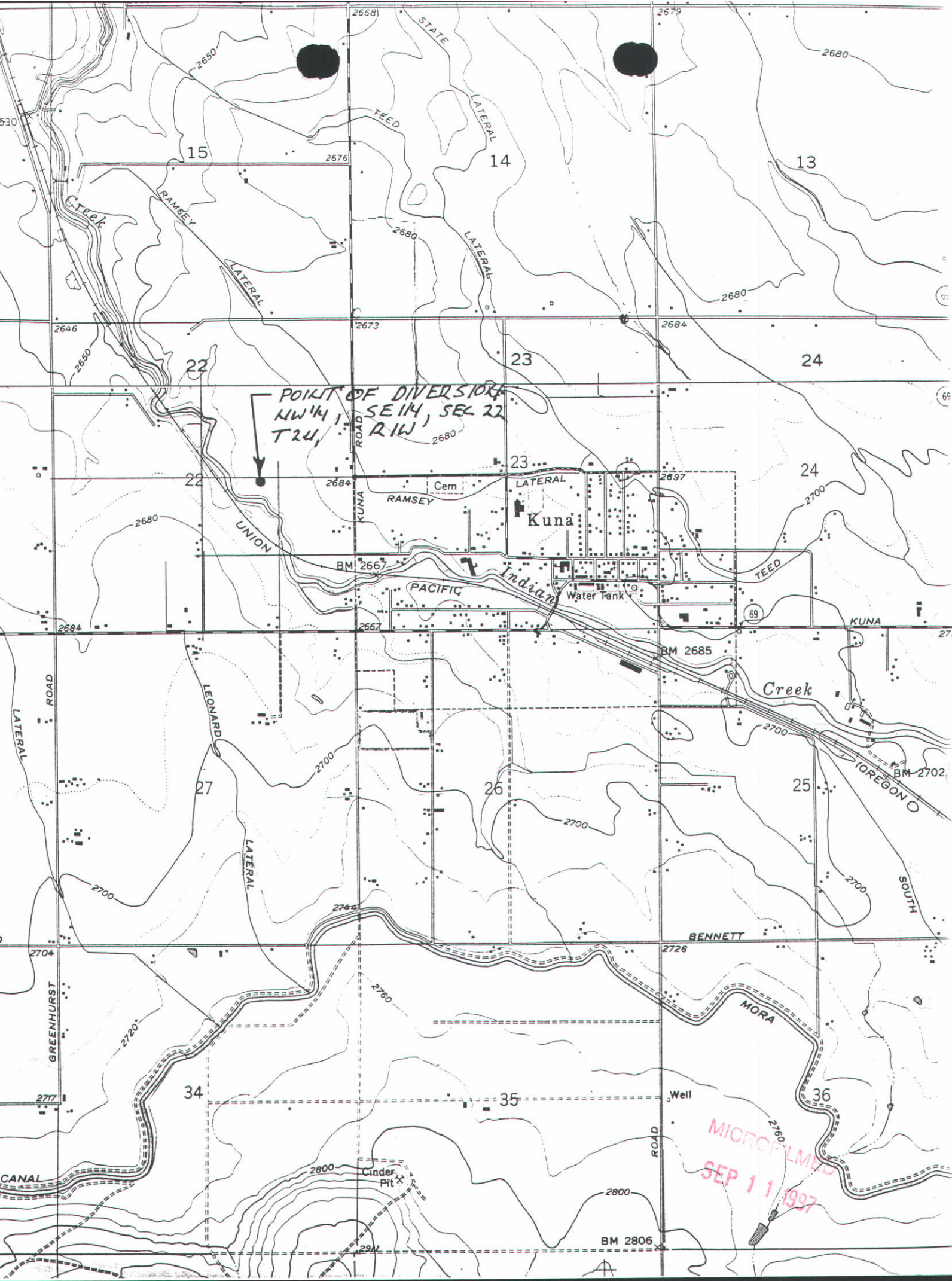
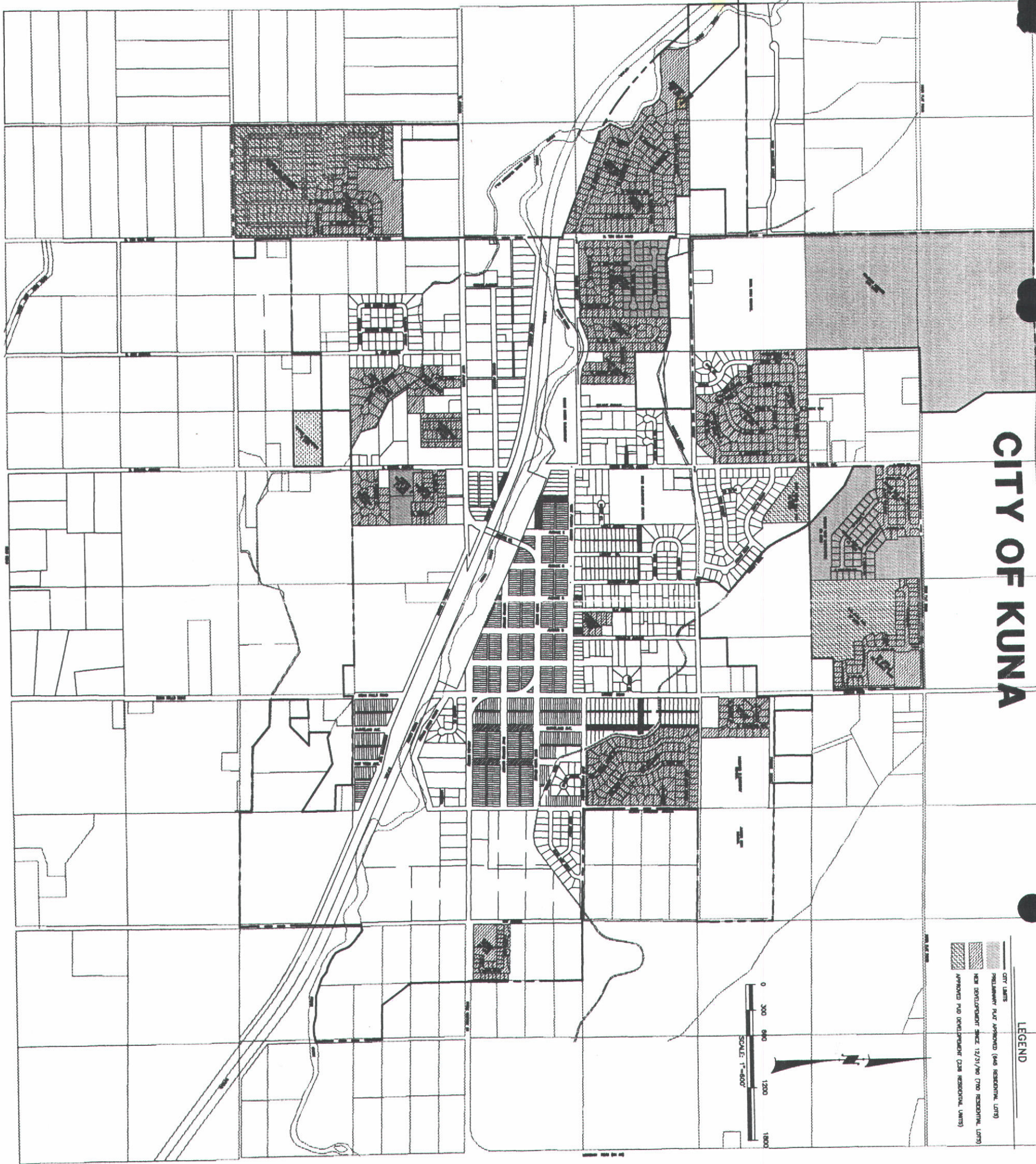




CITY OF KUNA



LEGEND

- CITY LIMITS
- PRELIMINARY PLAT APPROVED (646 RESIDENTIAL LOTS)
- NEW DEVELOPMENT SINCE 12/31/90 (750 RESIDENTIAL LOTS)
- APPROVED AND DEVELOPMENT (234 RESIDENTIAL LOTS)

0 300 600 1200 1800
SCALE: 1"=600'

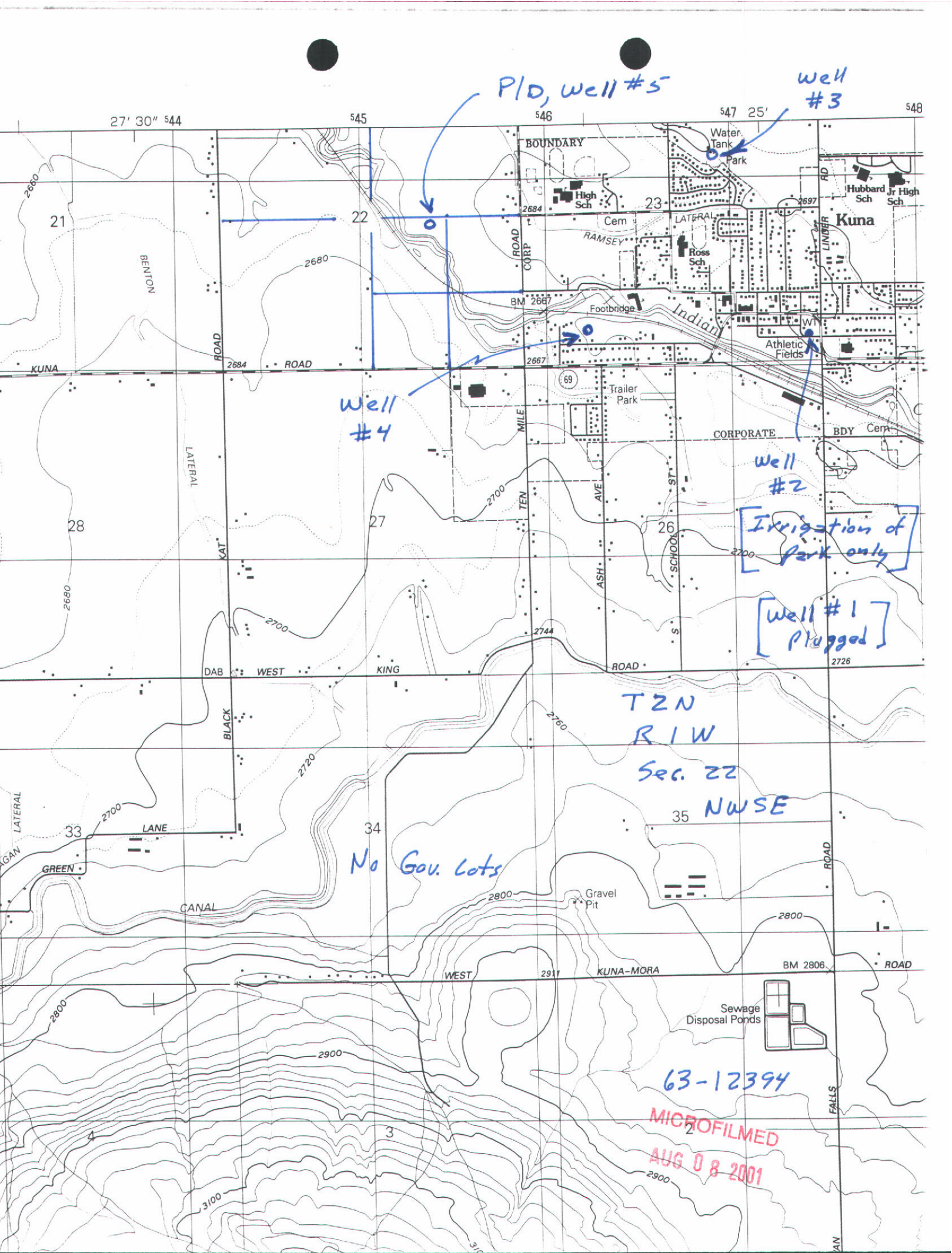
CITY OF KUNA
POTABLE WATER SYSTEM UPGRADE
NEW WELL LOCATION

CIVIL SURVEY CONSULTANTS, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS

P.O. BOX 39
1530 W. STATE STREET
MERIDIAN, IDAHO 83680
(208)888-4312

REVISIONS		DATE	PROJECT NO.
NO.	ITEM		94028
			DESIGNED
			TB/DC
			DRAWN
			TB/DC
			CHECKED
			APPROVED





P/O, well #5

well #3

Well #4

Well #2

[Irrigation of Park only]

[Well #1 Plugged]

T2N
R1W
Sec. 22
NWSE

No Gov. Lots

63-12394

MICROFILMED
AUG 08 2001

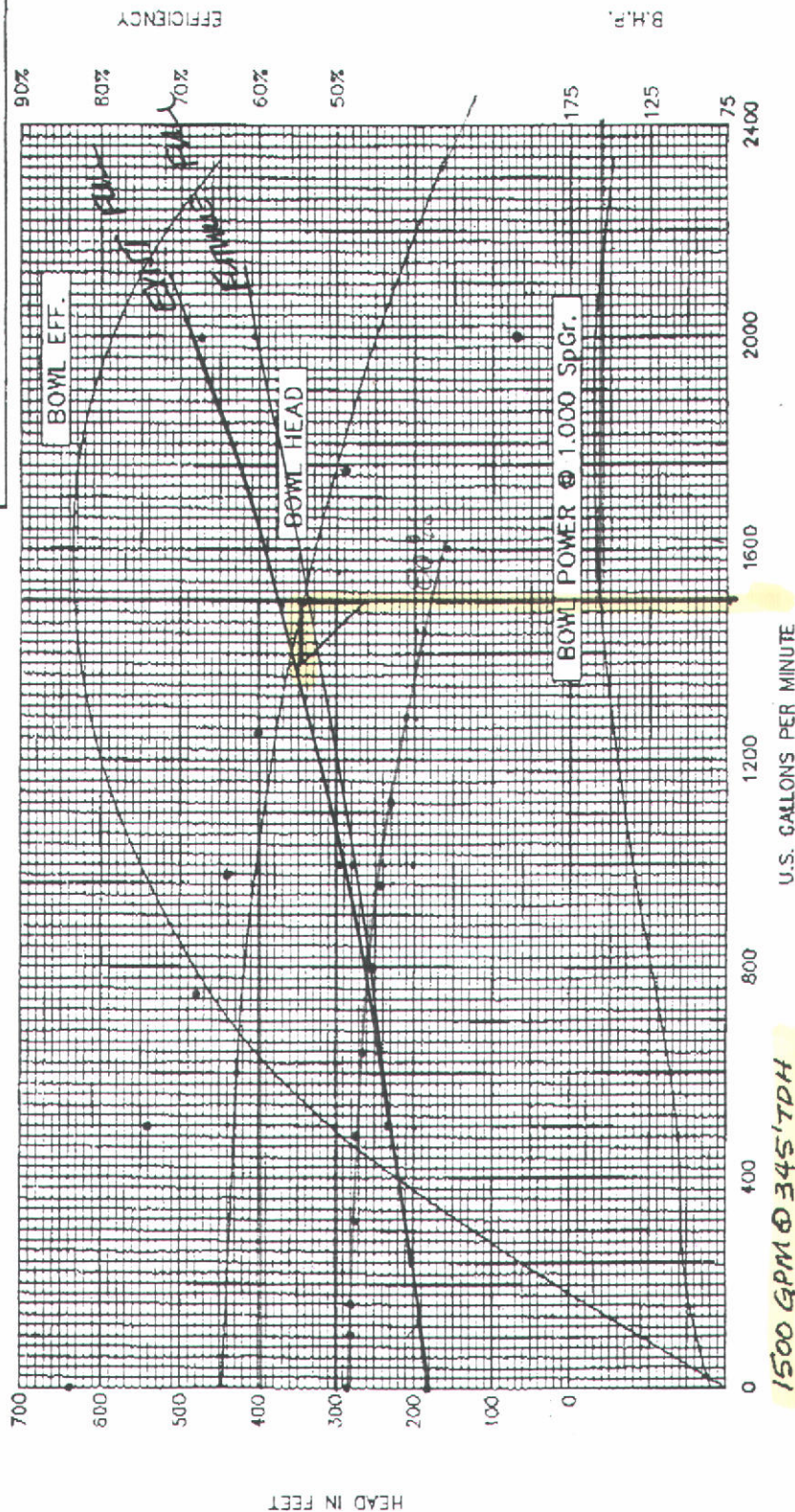
Well #5

CITY OF KUNA

200 HP DEEP WELL PUMP

Certified expected performance
based on test of similar units

HEAD AND POWER CAN BE
MORE PER H.I. TOLERANCES



PUMPTech CO., INC.
4444 S. YELLOWSTONE HWY.
IDAHO FALLS, ID 83405

DWG. NO. 3488301PC-1

Floway Pumps
FRESNO, CALIFORNIA

A **UNITED** COMPANY

TYPE 14 JRM
NO. OF STAGES 4
R.P.M. 1784
PUMP SERIAL NO. 34883-1-1
OWN. BY NWA/HP DATE 03/08/1999

PF-914-C

MICROFILMED
AUG 08 2001

63-12394

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

9.

REMARKS:

This is well #5 for the municipal system for Kura. The system also has well #4, and well #3.

Well #2 is an old well by the old elevated storage tank that is only used for irrigation of the park, and is not connected into the municipal system. Well #1 was plugged

Dan Zarnich, Water Rights Examiner
Signature of Dept. Representative & Title

2-3-00
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



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AUG 08 2001



1 of 2

P/O

Well

House

#5



P/O

Well #5

MICROFILMED
AUG 08 2001

63-12394

2 of 2

P/D

Well
House
#5



P/D

Well
House
#5

Flow
meter -
(Gray)
and

Chlorinator
on left.



MICROFILMED

AUG 08 2001

63-12394

Minute Book "I" Commissioners of Ada County, Idaho

159

REGULAR

Session, September 13th, 1915 A. D. 191

The Board met this day in regular session at 10 o'clock A.M., with all members present as follows:

Stephen Utter, Clerk.

Gus Carlson, Chairman
Wm Howell
M. H. Coffin

After the reading and approval of the minutes of previous session the following proceedings were had, to wit:

In the Matter of the)
Petition for the)
INCORPORATION of the)
VILLAGE OF KUNA)

In this matter the Board considered the Petition of the residents and tax-payers of the unincorporated Village of Kuna, for the incorporation of said Village, under the name of "The Village of Kuna", and it appearing to the Board that a majority of the tax-payers, residents of the District proposed to be incorporated, had signed said petition and that the said Village now contained more than 200 inhabitants, and came within all the statutory provisions for incorporated villages, granted said petition and declared the boundaries of such incorporated Village to be as follows:

Beginning at the Northeast corner of the Northwest quarter of the Southwest quarter of Section 24, Township 2 North, Range 1 West, running 7/8 miles west to the northwest corner of the East half of the Northeast quarter of the Southwest quarter of Section 23, thence South 1/2 mile to the southwest corner of the East half of the Northeast quarter of the Southwest quarter of Section 23, thence 3/8 miles west to the west section line of Section 23; thence South 1/2 mile along the West line of Sections 23 and 26 to the Southwest corner of the Northwest quarter of the Northwest quarter of Section 26, thence east 1 1/4 miles to the Southeast corner of the Northwest quarter of the Northwest quarter of Section 25, thence North 3/4 miles to point of beginning.

Thereupon the Board appointed the following named persons to be trustees of the Village of Kuna, to act as such until their successors are duly elected and qualified.

Victor Carlson
A. H. Christenson
J. W. Beckholt

J. C. Martin
C. H. Kogge

STATE OF IDAHO)
County of Ada) ss.

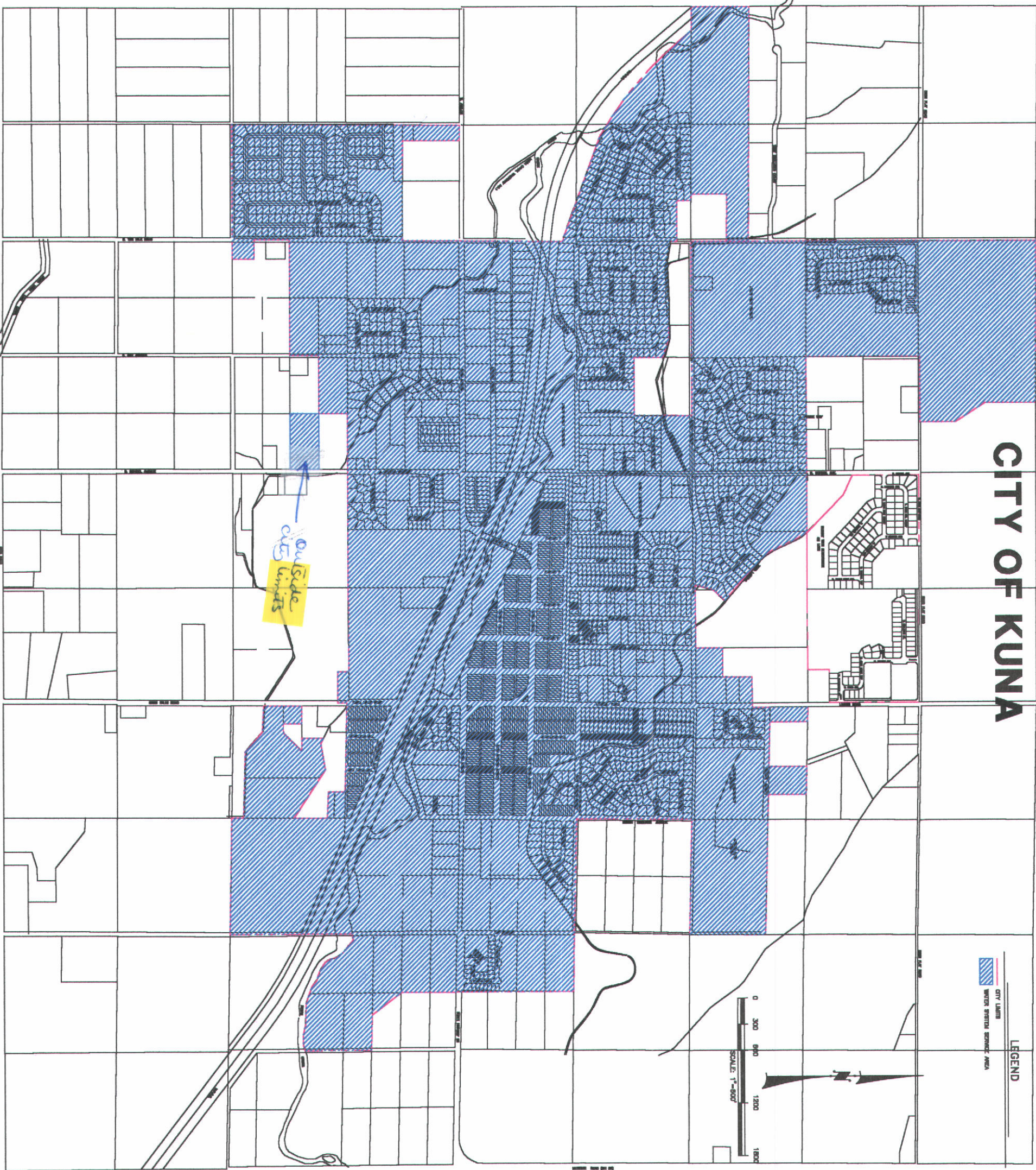
MICROFILMED
SEP 11 1997

I hereby certify the above to be the true and correct copy of the Ada County Commissioners' Minutes of September 13, 1915, contained in Minute Book "I" at Page 159, records of Ada County Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 16th day of April, 1962.

Clerk of the Board of County
Commissioners, Ada County, Idaho

Aug-06-97 09:31A City of Kuna



CITY OF KUNA

LEGEND

CITY LIMITS
WATER SYSTEM SERVICE AREA

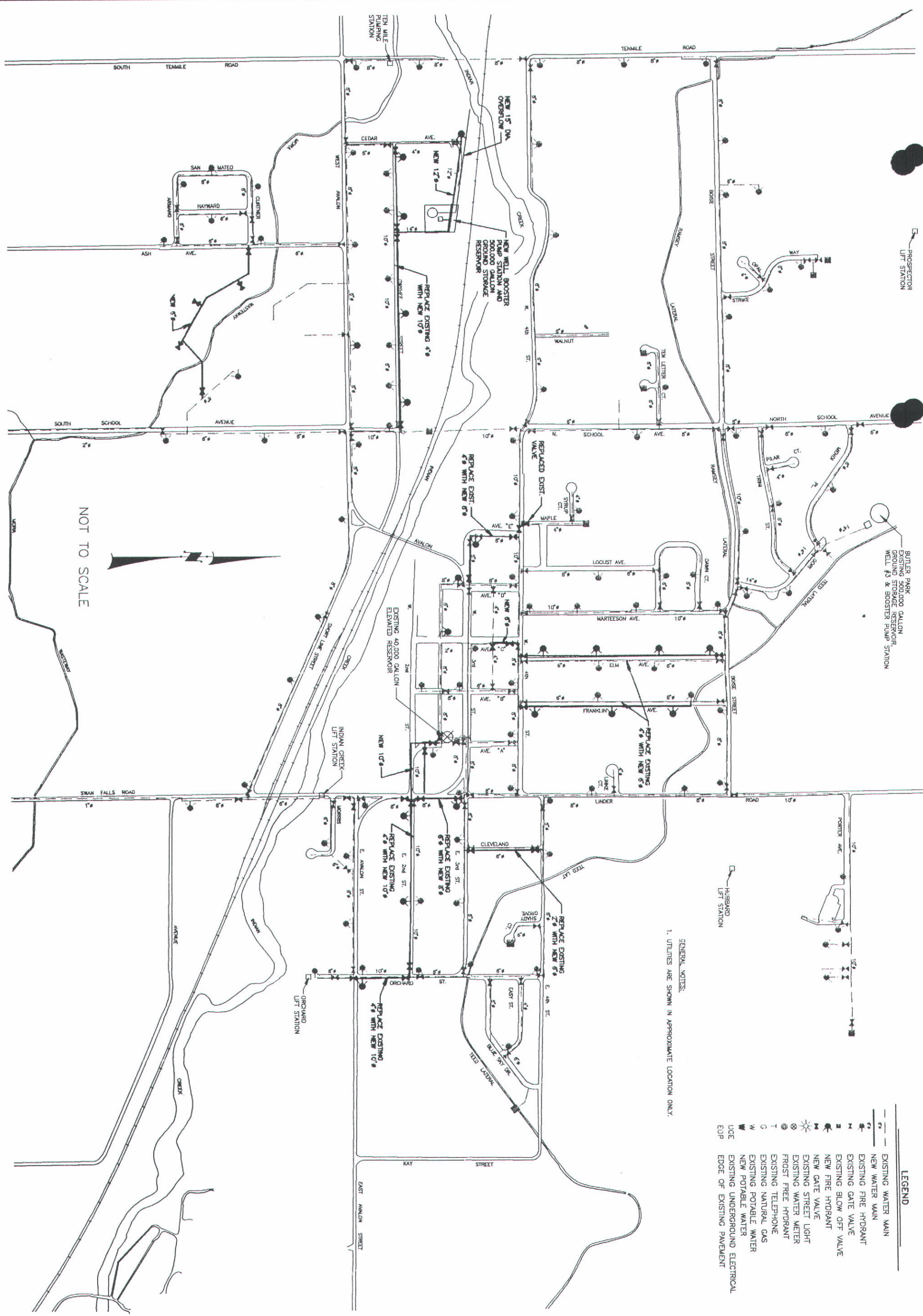


CITY OF KUNA MUNICIPAL WATER SYSTEM SERVICE AREA

CIVIL SURVEY CONSULTANTS, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
P.O. BOX 39
1530 W. STATE STREET
MERIDIAN, IDAHO 83680
(208)888-4312

REVISIONS			PROJECT NO.
NO.	ITEM	DATE	94028
			DESIGNED
			TB/DC
			DRAWN
			TB/DC
			CHECKED
			APPROVED





PROSPECTOR LIFT STATION

BUTLER PARK EXISTING 500,000 GALLON GROUND STORAGE RESERVOIR WELL #3 & BOOSTER PUMP STATION

- LEGEND**
- EXISTING WATER MAIN
 - NEW WATER MAIN
 - EXISTING FIRE HYDRANT
 - EXISTING GATE VALVE
 - EXISTING BLOW OFF VALVE
 - NEW FIRE HYDRANT
 - NEW GATE VALVE
 - EXISTING STREET LIGHT
 - EXISTING WATER METER
 - FROST FREE HYDRANT
 - EXISTING TELEPHONE
 - EXISTING NATURAL GAS
 - EXISTING POTABLE WATER
 - NEW POTABLE WATER
 - EDGE OF EXISTING PAVEMENT
 - EDGE OF EXISTING ELECTRICAL
 - EDGE OF EXISTING UNDERGROUND
 - EDGE OF EXISTING

GENERAL NOTES:
1. UTILITIES ARE SHOWN IN APPROXIMATE LOCATION ONLY.

CITY OF KUNA

WATER SYSTEM IMPROVEMENT PROJECT

LOCATION MAP

TOOTHMAN-ORTON ENGINEERING COMPANY

CONSULTING ENGINEERS, SURVEYORS AND PLANNERS

1802 NORTH 33RD STREET
BOISE, IDAHO 83703
(208) 342-9511

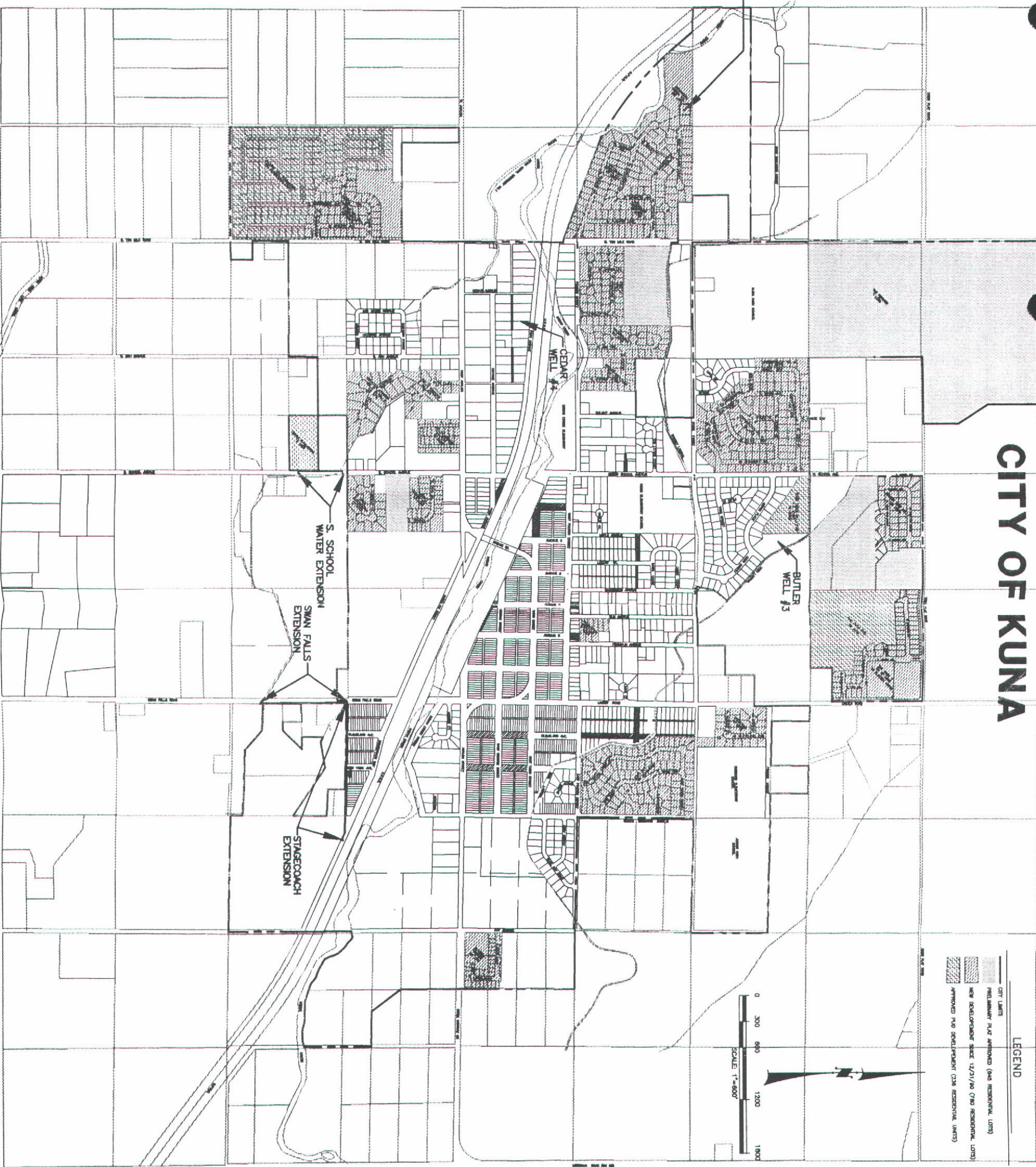
REVISIONS		E-FILE NAME	
NO.	DATE	FIGURE-1.DWG	DESIGNED
1	1/6/94		RCK
			DRWN
			KRB
			CHECKED
			RCK
			APPROVED

DATE: JAN. 1993

PROJECT: 92013

SHEET 1 OF 1

CITY OF KUNA



NEW KUNA CITY WELL #5
POINT OF DIVERSION
NW1/4, SE1/4 SEC 22
T2N, R1W, BM

LEGEND

- CITY LIMITS
- PERMANENT PLAT APPROVED (640 RESIDENTIAL LOTS)
- NEW DEVELOPMENT SINCE 12/31/90 (720 RESIDENTIAL LOTS)
- APPROVED AND DEVELOPMENT (236 RESIDENTIAL LOTS)



FIGURE 2

CITY OF KUNA WATER SYSTEM UPGRADE LOCATION MAP		CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)888-4312		<table border="1"><thead><tr><th colspan="2">REVISIONS</th></tr><tr><th>NO.</th><th>ITEM</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>	REVISIONS		NO.	ITEM													<table border="1"><thead><tr><th>PROJECT NO.</th><th>DATE</th></tr></thead><tbody><tr><td>94028</td><td> </td></tr><tr><td>DESIGNED</td><td> </td></tr><tr><td>TB/DC</td><td> </td></tr><tr><td>DRAWN</td><td> </td></tr><tr><td>TB/DC</td><td> </td></tr><tr><td>CHECKED</td><td> </td></tr><tr><td>APPROVED</td><td> </td></tr></tbody></table>	PROJECT NO.	DATE	94028		DESIGNED		TB/DC		DRAWN		TB/DC		CHECKED		APPROVED		<table border="1"><tr><td>REGISTERED PROFESSIONAL ENGINEER 4912 STATE OF IDAHO TIMOTHY A. BURGESS</td></tr></table>	REGISTERED PROFESSIONAL ENGINEER 4912 STATE OF IDAHO TIMOTHY A. BURGESS
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94028																																							
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TB/DC																																							
CHECKED																																							
APPROVED																																							
REGISTERED PROFESSIONAL ENGINEER 4912 STATE OF IDAHO TIMOTHY A. BURGESS																																							



FIGURE 3

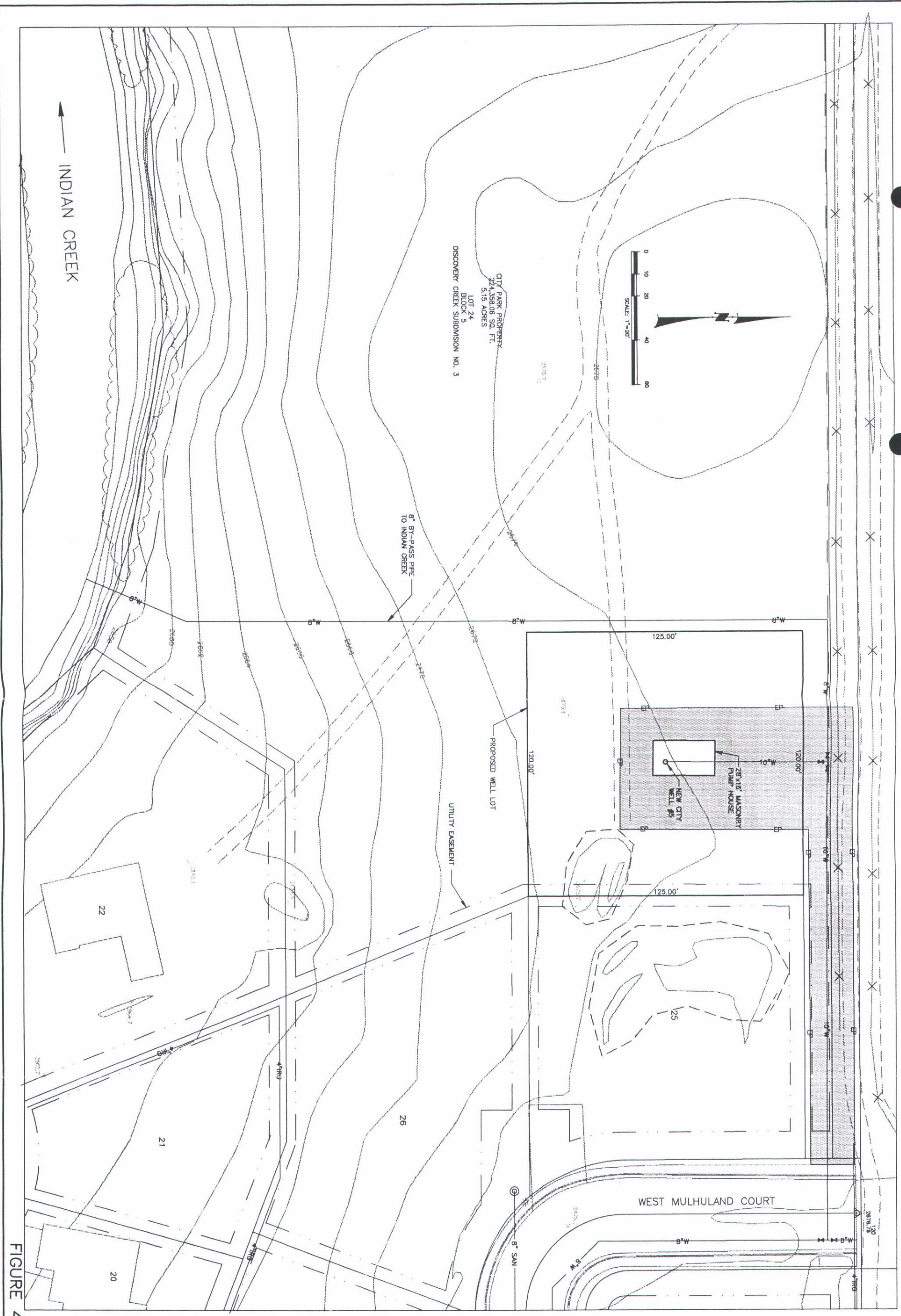


FIGURE 4

DATE: 4/14/97 DRAWING: WELLSITE.dwg JOB NO: 97006	CITY OF KUNA		CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)888-4312	REVISIONS		PROJECT NO.	
	WATER SYTEM UPGRADE			NO.	ITEM	DATE	DESIGNED
	WELL NO. 5 SITE MAP						DRAWN
							CHECKED
							APPROVED

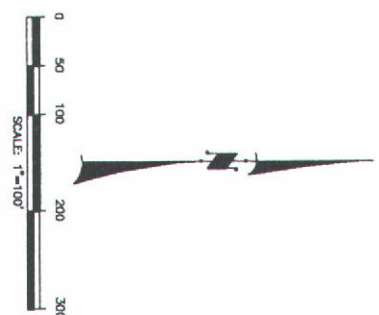
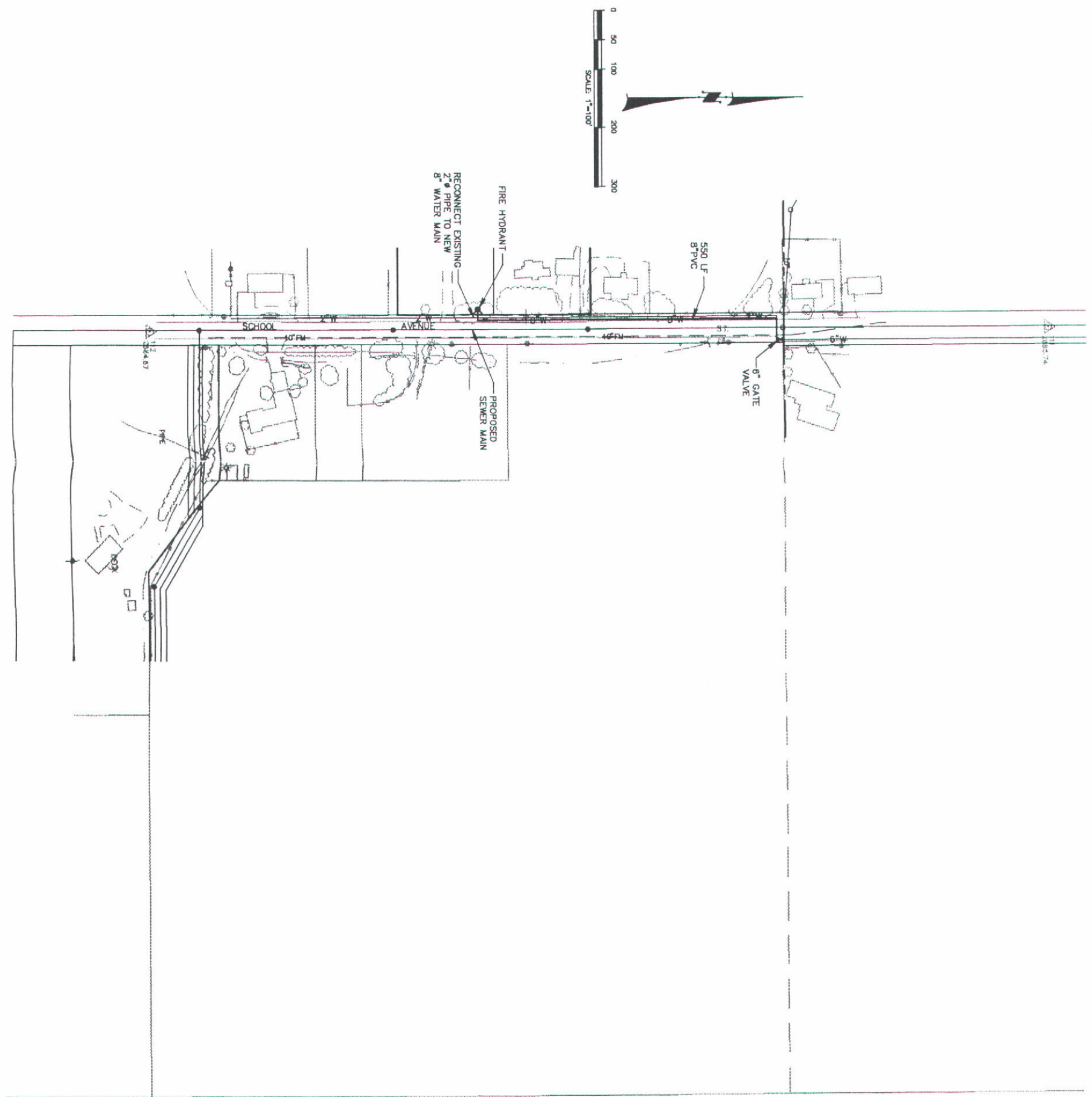


FIGURE 5

CITY OF KUNA WATER SYSTEM UPGRADE SOUTH SCHOOL AVE. EXTENSION	CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)888-4312		PROJECT NO. DESIGNED DRAWN CHECKED APPROVED	

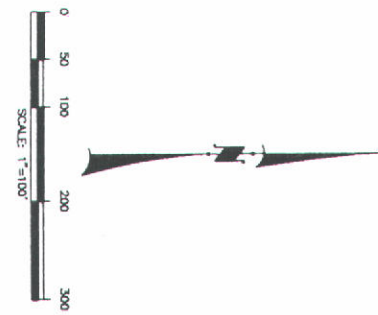
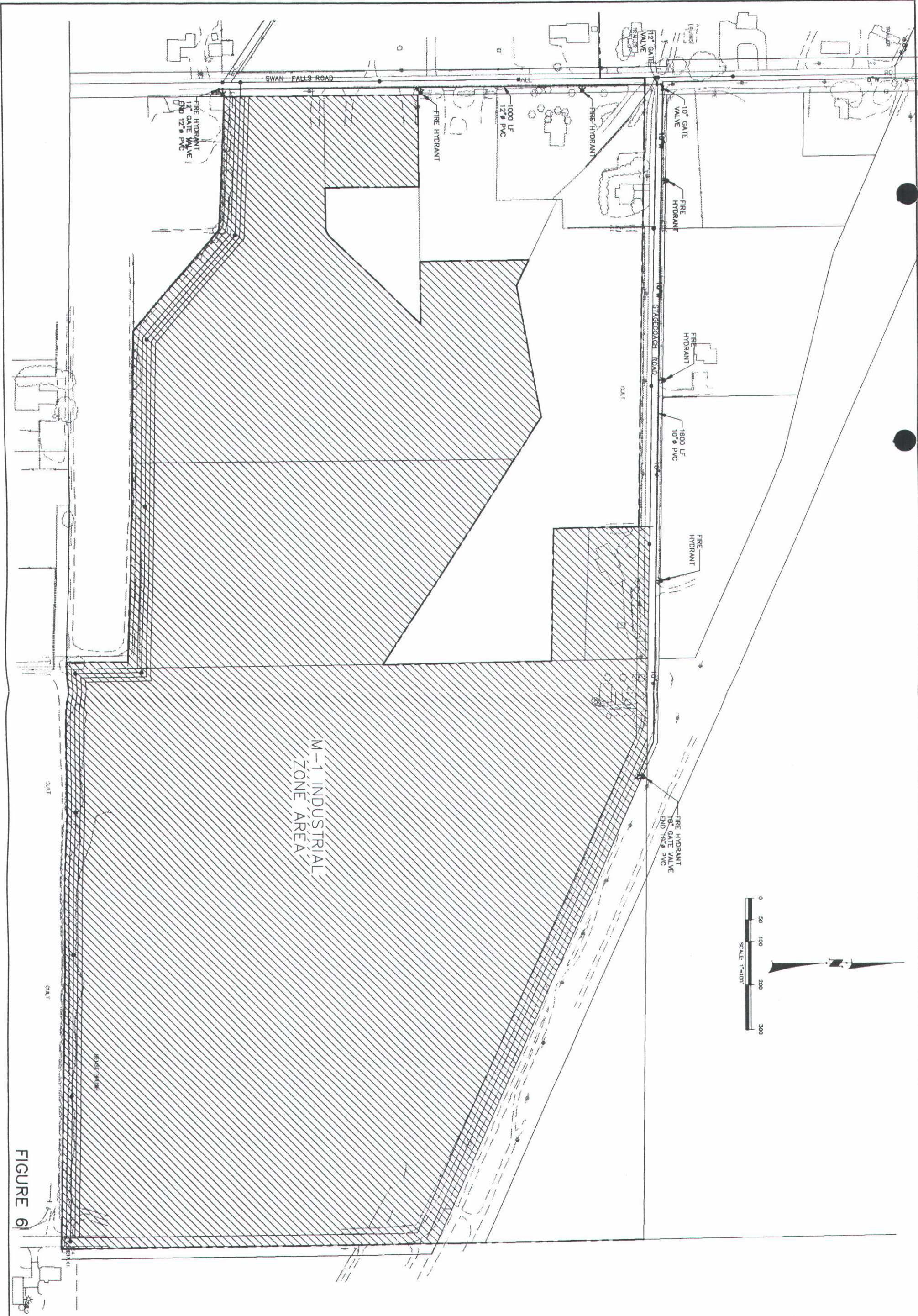


FIGURE 6

SHEET 5 OF 5	CITY OF KUNA WATER SYSTEM UPGRADE INDUSTRIAL PARK EXTENSION	CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)868-4312	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">REVISIONS</th> <th>DATE</th> </tr> <tr> <th>NO.</th> <th>ITEM</th> <th></th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS		DATE	NO.	ITEM																	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJECT NO.</th> </tr> </thead> <tbody> <tr><td>DESIGNED</td></tr> <tr><td>DRAWN</td></tr> <tr><td>CHECKED</td></tr> <tr><td>APPROVED</td></tr> </tbody> </table>	PROJECT NO.	DESIGNED	DRAWN	CHECKED	APPROVED	
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APPROVED																															
DATE: 4/14/97 DRAWING: PFS/DWG JOB NO: 97008																															

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 63-12394

Priority: May 10, 1997

Maximum Diversion Rate: 3.34 CFS

It is hereby certified that CITY OF KUNA
PO BOX 13
KUNA ID 83634-0013 has complied with the terms and
conditions of the permit, issued pursuant to Application for Permit dated April 03, 1997; and has
submitted Proof of Beneficial Use on October 08, 1999. An examination indicates that the works have a
diversion capacity of 3.34 cfs of water from:

SOURCE

GROUND WATER

and a water right has been established as follows:

BENEFICIAL USE

MUNICIPAL

PERIOD OF USE

01/01 to 12/31

DIVERSION RATE

3.34 CFS

LOCATION OF POINT OF DIVERSION:

GROUND WATER NW¼SE¼ Sec. 22, Twp 02N, Rge 01W, B.M., ADA County

PLACE OF USE: MUNICIPAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N 01W 1									X	X	X	X					
01N 01W 2	X	X	X	X	X			X					X	X		X	
	L1	L2			L3												

CONDITIONS OF APPROVAL

1. The place of municipal use identified above includes land upon which wastewater from the water treatment plant may be applied for irrigation purposes to satisfy water quality requirements. Water diverted under this right shall not be used for irrigation of the place of use described above unless it is first used in the municipal water system for the City of Kuna and its service area. All other municipal use authorized under this right is within the service area of the City of Kuna municipal water supply system as provided for under Idaho law.
2. After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 27th day of NOVEMBER, 2002.

MICROFILMED

Acting for

KARL J. DREHER
Director

MAR 11 2003

State of Idaho
Department of Water Resources
Amendment of Permit

NO. 63-12394

Priority: May 10, 1997

Maximum Diversion Rate: 4.50 CFS

This is to certify, that CITY OF KUNA
PO BOX 13
KUNA ID 836340013

has applied for an amendment of a permit and the amendment is APPROVED for development of water as follows:

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
MUNICIPAL	01/01 to 12/31	4.50 CFS

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER NW¼SE¼ Sec. 22, Twp 02N, Rge 01W, B.M. ADA County

PLACE OF USE: MUNICIPAL

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	01W	1									X	X	X	X					
01N	01W	2	X	X	X	X	X			X					X	X		X	

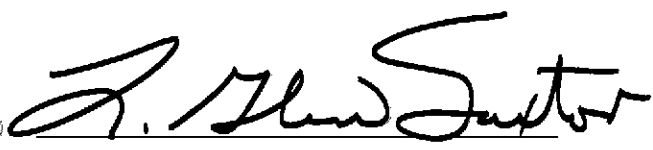
CONDITIONS OF APPROVAL

1. Subject to all prior water rights.
2. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
3. After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.
4. The daily diversion volume for non-domestic uses under this municipal right shall not exceed 2,500 gallons per use and the daily diversion volume for domestic uses under this right shall not exceed 13,000 gallons per dwelling in accordance with Section 42-111, Idaho Code.
5. Irrigation of large projects such as parks, golf courses, or sports activities fields is not authorized under this right.
6. The place of municipal use identified above represents land upon which wastewater from the water treatment plant may be applied for irrigation purposes to satisfy water quality requirements. All other municipal use authorized under this right is within the service area of the City of Kuna.

This amendment of permit is issued pursuant to the provisions of Section 42-241, Idaho Code. Witness the signature of the Director, affixed at Boise, this 27th day of June, 2001.

MICROFILMED

AUG 06 2001


KARL J DREHER, Director

RECEIVED

FEB 21 2001

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR AMENDMENT OF A PERMIT

Fee \$50
Receipt # 0027388
Received by KJ
Date 2/16/01

APPROB 69089

Name of Applicant City of Kuna Phone (208) 922-5546Mailing address P.O. Box 13, Kuna, ID 83634I am the owner and the holder of Permit to Appropriate the Public Waters of the State of Idaho No. 63-12394, and request that the permit and permit map be amended and/or changed as follows:Purpose of Amendment: Change point of diversion Add point of diversionX Change place of use Change nature of use Change period of use Other1. Point of diversion: 1/4 NW 1/4 SE 1/4, Section 22, Township 2N, Range 1W, B.M.,
County of Ada. Other points of diversion _____

2. Period and nature of use: (irrigation, domestic, stockwatering, industrial, etc.)

Amount 4.500 cfs for Municipal purposes from 01/01 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum) (water use) (Begin Month) (End month)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum) (water use) (Begin Month) (End month)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum) (water use) (Begin Month) (End month)3. Place of use or land to be irrigated: Municipal service area and

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
1N	1W	2	40	40	40	40	40			40					40	40		40	360
1N	1W	1									40	40	40	40					160

Total number of acres to be irrigated 5204. a. Who owns the property at the point of diversion? City of Kunab. Who owns the land to be irrigated at the place of use? City of Kuna and Residents of Kuna.

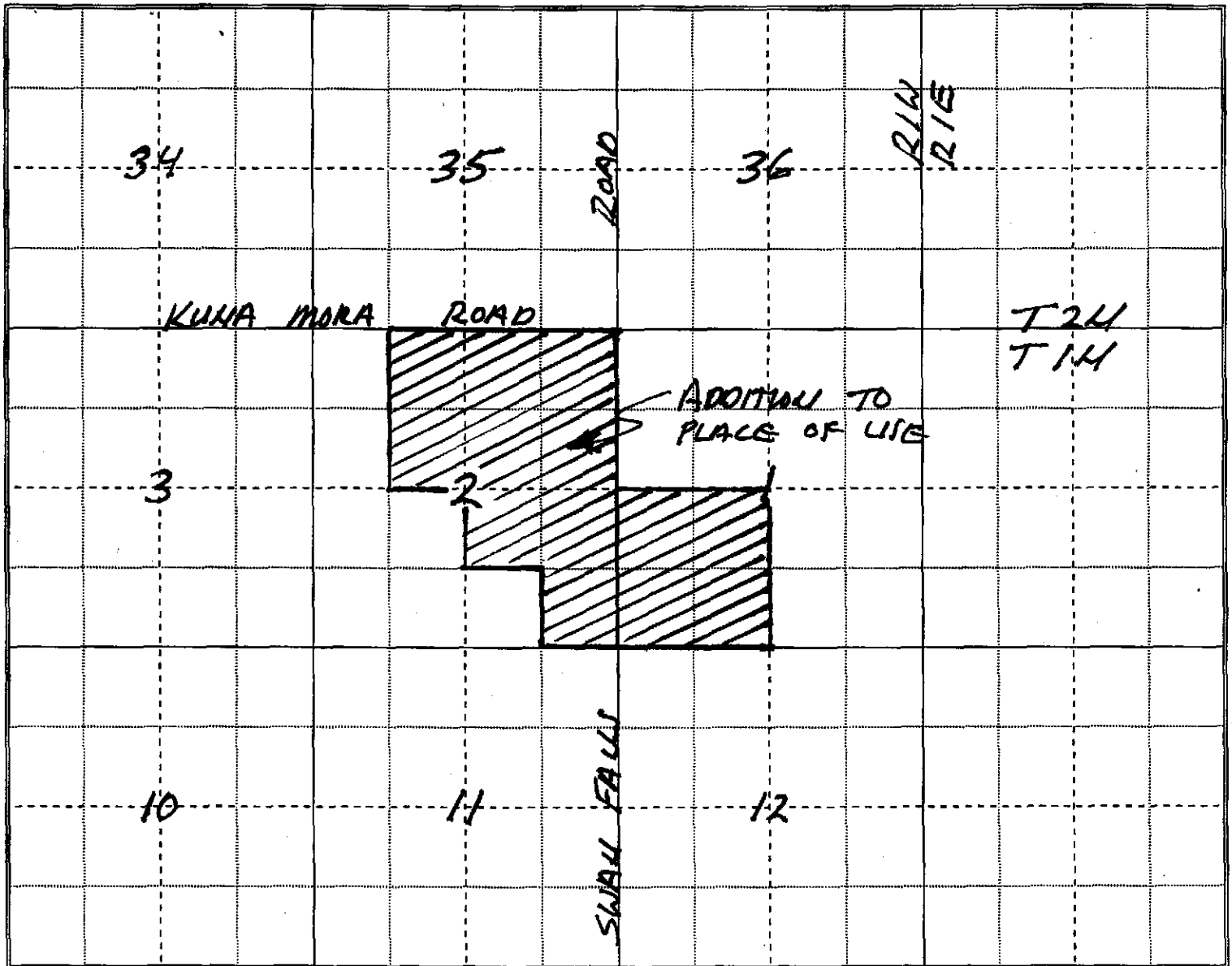
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing:

City of Kuna is responsible for municipal water system servicing land ownerswithin the municipal service area and for City owned property

MICROFILMED

APR 18 2001

Complete the following map by showing land and point of diversion as proposed by the amendment.
Show 1/4 1/4, section, township, range and ditches. (the smallest subdivision represents 40 acres)



Scale: 2 inches equal 1 mile

I hereby request approval of this change subject to the fact that no one will be injured by the change, and that the change will be made at my own risk.

Signed this 12th day of Feb., 20 00

William J. [Signature]
Permit Holder

ACTION OF THE DEPARTMENT OF WATER RESOURCES

Preliminary check by DAW Publication prepared by AT Date 5-14-01
Published in THE IDAHO STATESMAN Publication dates 5-17 + 24-01

I, _____, of the Department of Water Resources hereby

MICROFILMED

Witness my hand this _____ day of _____, 20 _____

AUG 8 2001

SIGNATURE

IN THE MATTER OF PERMIT NO. 63-12394)
)
IN THE NAME OF CITY OF KUNA)
)

**ORDER OF
REINSTATEMENT**

DEC 02 1999

RECEIVED
OCT 08 1999
Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

FOR OFFICE USE ONLY
Amt. of Fee \$: 175
Receipt No. C046809
Receipt By: KL
Date Received: 10/8/99

RECEIVED
OCT 08 1999
Department of Water Resources
Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 63-12394 Telephone No. 922-5546
2. Name(s) of Permit Holder(s): CITY OF KUNA
3. Mailing Address: P.O. Box 13, KUNA, ID 83634-0013
4. Source of Water: Groundwater If GROUNDWATER (well), Date Drilled: mo. 7 yr. 98
 - a. Well Driller: Stevens & Sons Drilling Permit Number: 63-97-W-0455-000
 - b. OPTIONAL:
Pump Horsepower: 200 Pressure (psi): _____ Dynamic pumping level (ft): _____
5. Use(s) (as authorized by the water right permit):
City Limits ± 2000 households
Domestic (No. of households): OF Kuna Stockwater (No. and type of stock): _____
Irrigation (No. of acres): _____ Other: _____
6. Total rate of diversion and/or volume for which proof is submitted: 3.34 cfs OR _____ acre feet
7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device:	Is a measuring device required?	Yes <u>X</u> or No _____
	Has the measuring device been installed?	Yes <u>X</u> or No _____
Flow Measurement Port:	Is a flow measurement port required?	Yes <u>X</u> or No _____
	Has the measurement port been installed?	Yes <u>X</u> or No _____
8. Fee Enclosed: \$ 175⁰⁰ (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination of the water system.
Name: Tim Burgess Telephone Number: 888-4312
Address: Civil Survey Consultants, P.O. Box 39, Meridian, ID, 83680
10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: William E. Nelson - Mayor
(include your title, if on behalf of company or organization)

Date: 10/5/99
MICROFILMED

DEC 02 1999

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 63-12394

Proposed Priority: April 3, 1997

Maximum Diversion Rate:

4.50 CFS

This is to certify, that **CITY OF KUNA**

PO BOX 13

KUNA ID 83634-0013

has applied for a permit to appropriate water from: **GROUNDWATER**

and a permit is **APPROVED** for development of water as follows:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

MUNICIPAL

01/01 to 12/31

4.50 CFS

LOCATION OF POINT(S) OF DIVERSION:

NWSE , Sec. 22, Township 02N, Range 01W
ADA County

PLACE OF USE: See Remarks

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **September 1, 1999.**
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
5. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
6. The right holder shall comply with Idaho well construction standards when constructing a well pursuant to this right.
7. The daily diversion volume for non-domestic uses under this municipal right shall not exceed 2,500 gallons per use and the daily diversion volume for domestic uses under this right shall not exceed 13,000 gallons per dwelling in accordance with Section 42-111, Idaho Code.
8. Irrigation of large projects such as parks, golf courses, or sports activities fields is not authorized under this right.
9. The issuance of this right does not grant any right-of-way or easement across the land of another.
10. Point of diversion is locally known as Well No. 5.
11. Place of use is within the city limits of Kuna and surrounding service area.
12. The proposed water bearing zone is 400 to 480 ft.

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-12394

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

19 th day of August, 1997

Karl J. Dreher
for Karl J. Dreher, Director



MICROFILMED

SEP 3 1 1997

Ident. No. 63-12394

RECEIVED

JUL 25 1997

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

Department of Water Resources

To appropriate the public waters of the State of Idaho

1. Name: CITY OF KUNA
Address: PO BOX 13
KUNA ID 83634
208-922-5546
2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: NWSE Sec. 22, Township 02N, Range 01W
ADA County
4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
MUNICIPAL	01/01	12/31	4.500		
5. Total quantity to be appropriated is:
4.500 CFS (and/or) AF
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc.
WELL, PUMP AND PIPELINE
 - b. Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
 - c. Proposed well diameter is 18 inches; proposed depth of well is 500 feet.
 - d. Is groundwater with a temperature greater than 85F being sought? NO
 - e. If well is already drilled, when?
Drilling Firm
Well was drilled for
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 2 year(s).
8. Place of Use: See Remarks
9. a. Who owns the property at the point of diversion?
APPLICANT
b. Who owns the land to be irrigated or place of use?
APPLICANT
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing.

MICROFILMED
SEP 11 1997

10. Remarks:

The proposed water bearing zone is 400 to 480 ft.
Place of use is within the city limits of Kuna.

11. Map of proposed point of diversion and place of use attached? []

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Applicant

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ 180.00 Receipted by _____ #W022094 Date 4/ 3/1997

Publication prepared by _____ Date _____ Published in _____

Publication approved _____ Date _____

RECORDED
JUL 17 1997

Ident. No. 63-12394

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

RECEIVED
APR 03 1997
WATER RESOURCES
WESTERN REGION

1. Name of Applicant City of Kuna Phone (208)922-5546
Mailing address P.O. Box 13, Kuna, Idaho 83634
2. Source of water supply Groundwater which is a tributary of N/A
3. Location of point of diversion is Township 2N Range 1W Sec. 22 in the 1/4,
NW 1/4, SE 1/4, Govt. Lot _____, B.M., Ada County;
additional points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 4.5 for Municipal purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 4.5 cfs and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source 125 HP Vertical Turbine
Pump - Proposed to pump directly into distribution system using VFD for control.
 - b. Height of storage dam N/A feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet
 - c. Proposed well diameter is 18" inches; proposed depth of well is 500 feet
 - d. Is ground water with a temperature of greater than 85°F being sought? No
 - e. If well is already drilled, when? No; Drilling firm _____
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 2 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in KW. _____
 - b. Stockwatering; list number and kind of livestock. _____
 - c. Municipal; show name of municipality. City of Kuna & service area *
 - d. Domestic; show number of households. _____
 - e. Other; describe fully. _____

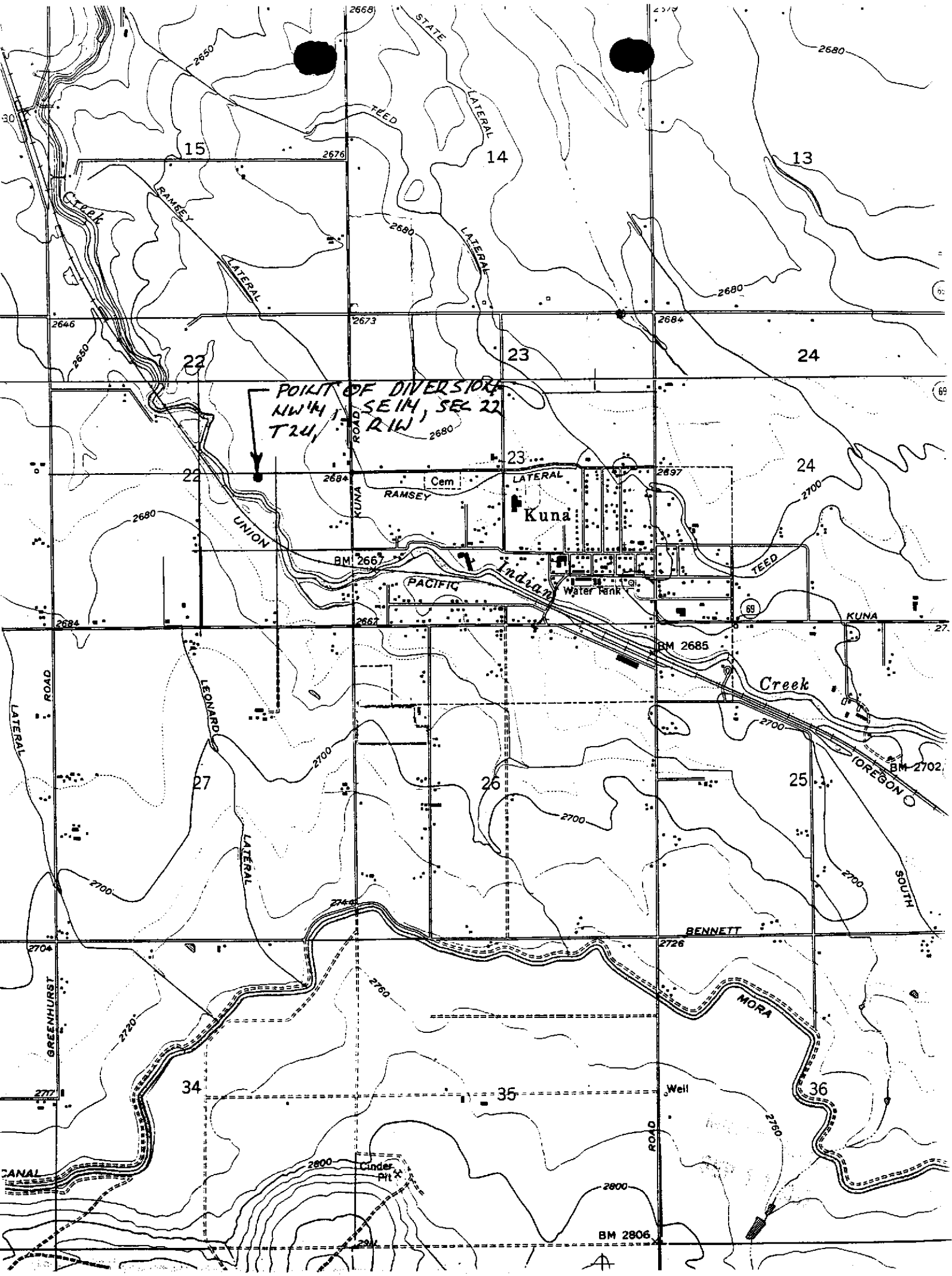
* per water system map. 8/8/97 cz.

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

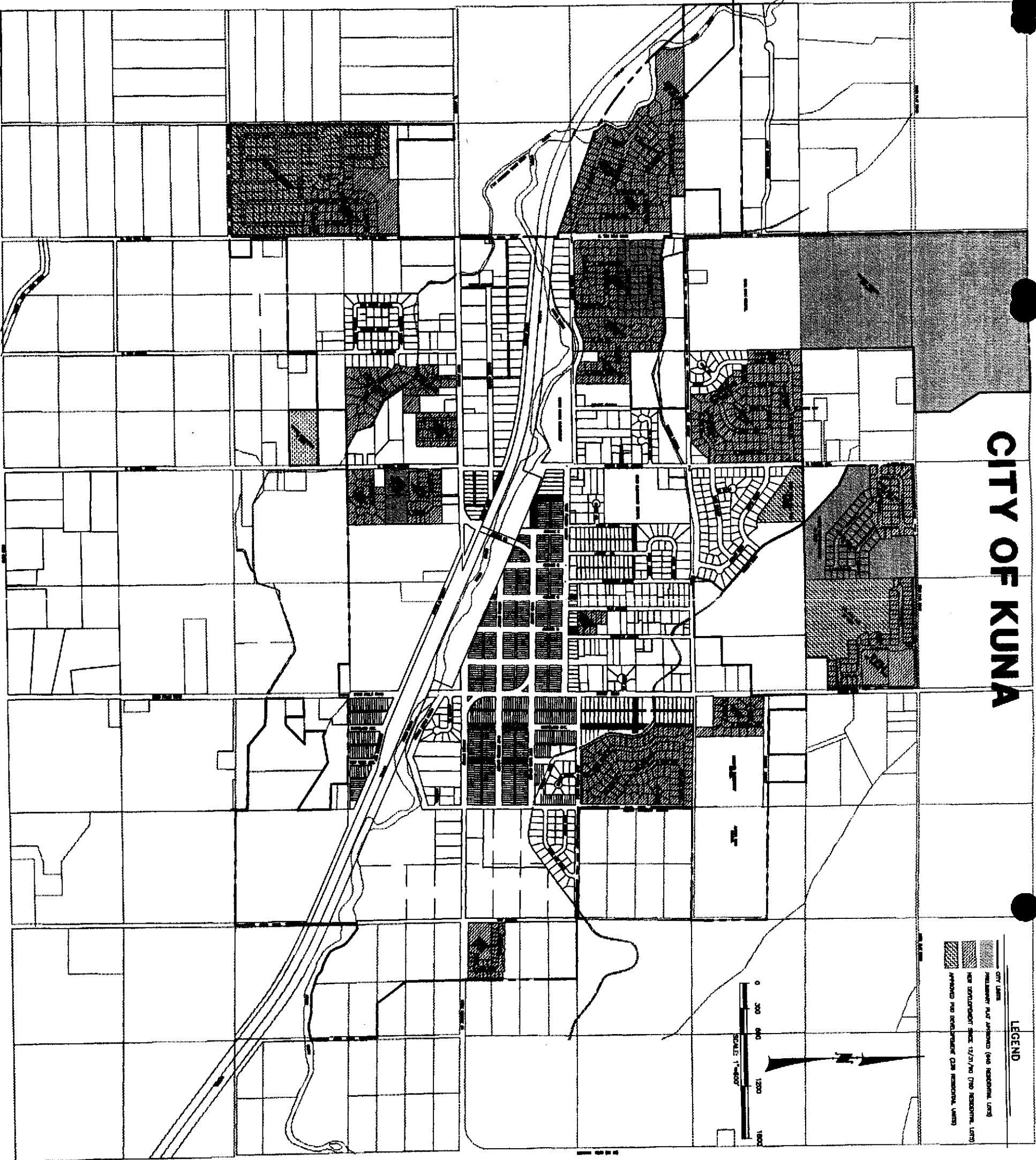
b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	Within the service limits of the City of Kuna municipal water system.											
			NE				NW				SW			
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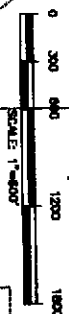
CITY OF KUNA

NEW KUNA CITY WELL
POINT OF DISSECTION
NMT/4 SE/4 SEC 22
T2N, R1W, BM



LEGEND

- CITY LIMITS
- RESIDENTIAL LOTS (AND RESIDENTIAL LOTS)
- NEW DEVELOPMENT SINCE 12/31/70 (AND RESIDENTIAL LOTS)
- APPROVED AND DEVELOPMENT PLANS (RESIDENTIAL LOTS)



CITY OF KUNA

POTABLE WATER SYSTEM UPGRADE

NEW WELL LOCATION

CIVIL SURVEY CONSULTANTS, INC.

CONSULTING ENGINEERS AND LAND SURVEYORS

P.O. BOX 39
1530 W. STATE STREET
MERIDIAN, IDAHO 83680
(208)888-4312

REVISIONS		DATE	PROJECT NO.
NO.	ITEM		
			84028
			DESIGNED
			TB/DC
			DRAWN
			TB/DC
			CHECKED
			APPROVED

DATE: 3/28/72

DRAWN: T.B. DICKSON

CHECKED: T.B. DICKSON

APPROVED: T.B. DICKSON

4912

REGISTERED PROFESSIONAL
ENGINEER
IDAHO

SHEET 1 OF 1



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

November 27, 2002

CITY OF KUNA
PO BOX 13
KUNA ID 83634-0013

RE: License No. 63-12394 - Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review the conditions of approval and remarks listed on your license.

The license is a PRELIMINARY ORDER issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-327-7946.

Sincerely,

for Shelley W. Keen

Water Rights Supervisor

SWK:kit

Enclosure(s)

MICROFILMED

NOV 29 2002

CERTIFICATE OF SERVICE

I hereby certify that on November 27, 2002 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved License) to the person(s) listed below:

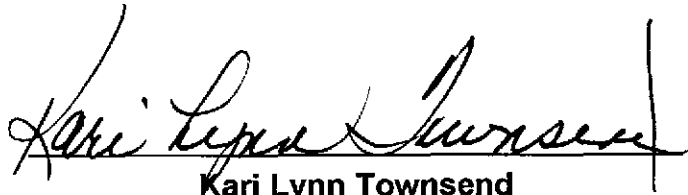
RE: WATER RIGHT NO.

63-12394

CITY OF KUNA

PO BOX 13

KUNA ID 83634-0013



Kari Lynn Townsend
Secretary

MICROFILMED

MAR 1 1 2003

**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

The accompanying order or approved document is a "**Preliminary Order**" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

MICROFILMED

MAR 11 2003

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

MICROFILMED

MAR 11 2003

MEMORANDUM

DATE: November 26, 2002

TO: Water Right File 63-12394

FROM: Shelley W. Keen *SWK* *SK*

RE: Conditions of Approval

Conditions of approval 7 & 8 from Permit 63-12394 (conditions 3 & 4 from the amended permit) are not required on the water right license issued for this right. The conditions were implemented when a moratorium was in place in the Treasure Valley. That moratorium has been lifted, and the conditions are no longer being applied to new municipal water rights in the Treasure Valley.

The change is not an expansion because municipalities are allowed to use the maximum volume that can be produced under the diversion rates of their water rights, regardless of whether the use is for homes only, or for businesses and parks as well.

MICROFILMED
MAR 11 2003

LICENSE REVIEW CHECKLIST

Permit No 63-12394

Date: 11-25-02

Reviewer: Kay Walker

Change/OK

Name/Address ok

Source ok

Point of Diversion: ok

Does change clarify original intended source? If no, void permit.

Change (P39/P49) Add (P45/P44) Feds (P40)

W32 (multiple in 1/4/1/4)

W36 (overlap)

W59 (subdivision description)

Place of Use ok

Change (P41/P49) Add (P41/P44) Feds (P43)

W60 (subdivision description)

W27 (ppu acre limit)

Overlaps: Right(s): no p'd overlap-

File reviewed _____ Profile reports printed _____

P/D & P/U amend (P37) Feds (P48)

Rate of Diversion:

Permitted rate 4.50 cfs

Fee Limit 4.0 cfs

Measured 3.34 cfs

Theoretical _____ cfs

Recommended Total Diversion Rate 3.34

Water Uses ok

Change (P46)

Season of Use per new Standards

Irrigation _____ cfs _____ af

Stockwater _____ cfs _____ af

Domestic _____ cfs _____ af

Muni 3.34 cfs N/A af

_____ cfs _____ af

Total 3.34 cfs N/A af

Irrigation - overlap(R58-R61, R62-R65, R66-R69)

supp. Gw (WB7/065/104)

overlap spec combined rts (W35)

<1 acre (W31)

Domestic (W01/wb5/070/071/075)

Power (W42 or W43/025/027/R22 or R23)

Fish (042)

Fire (077)

Water Quality (106/R07)

Dayette - (W22/047/27A)

Stockwater for US (R37)

Volume Determination

_____ cfs x 1.9835 x _____ days = _____ af (vs) _____ acres x _____ (FHR) = _____ af

Remarks: _____

Additional Conditions _____ Watermaster Control
 _____ GW Measurement/Measuring Device
 _____ Other
 Trust R55 - remove 051)
 Non-trust (048)

GW Dist? _____
 Water Msmt. Dist? _____
 Crit. GWMA? _____
 GWMA? _____
 Government Lots? _____

Advance Priority? yes
 _____ no

If yes, explain why below.

SRBA Claim? NO -

Adjust memo _____

Amend Letters _____ P87, S06

Second Amendment Notice _____ S06

615 1 6 2001

2. Measurements:

Note - well off. of. Press. : 60-70 PSI

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter	lot.	McGro Meter		99-2249	10"	

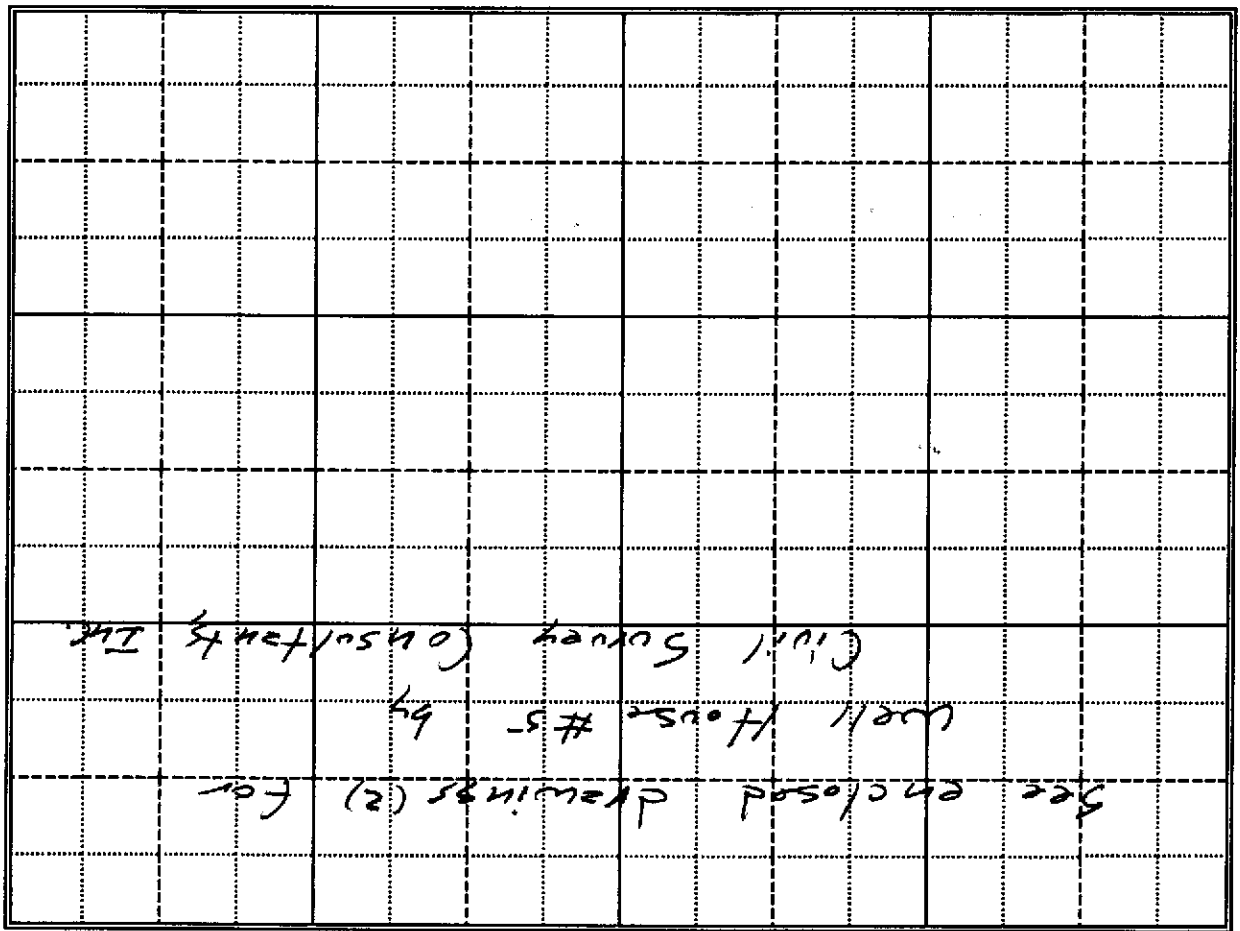
D. FLOW MEASUREMENTS

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

Well or Diversion Identification No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well #5	U.S. Electr.	200	R466A	Floway	34883-1-1
					4 stage

4.

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



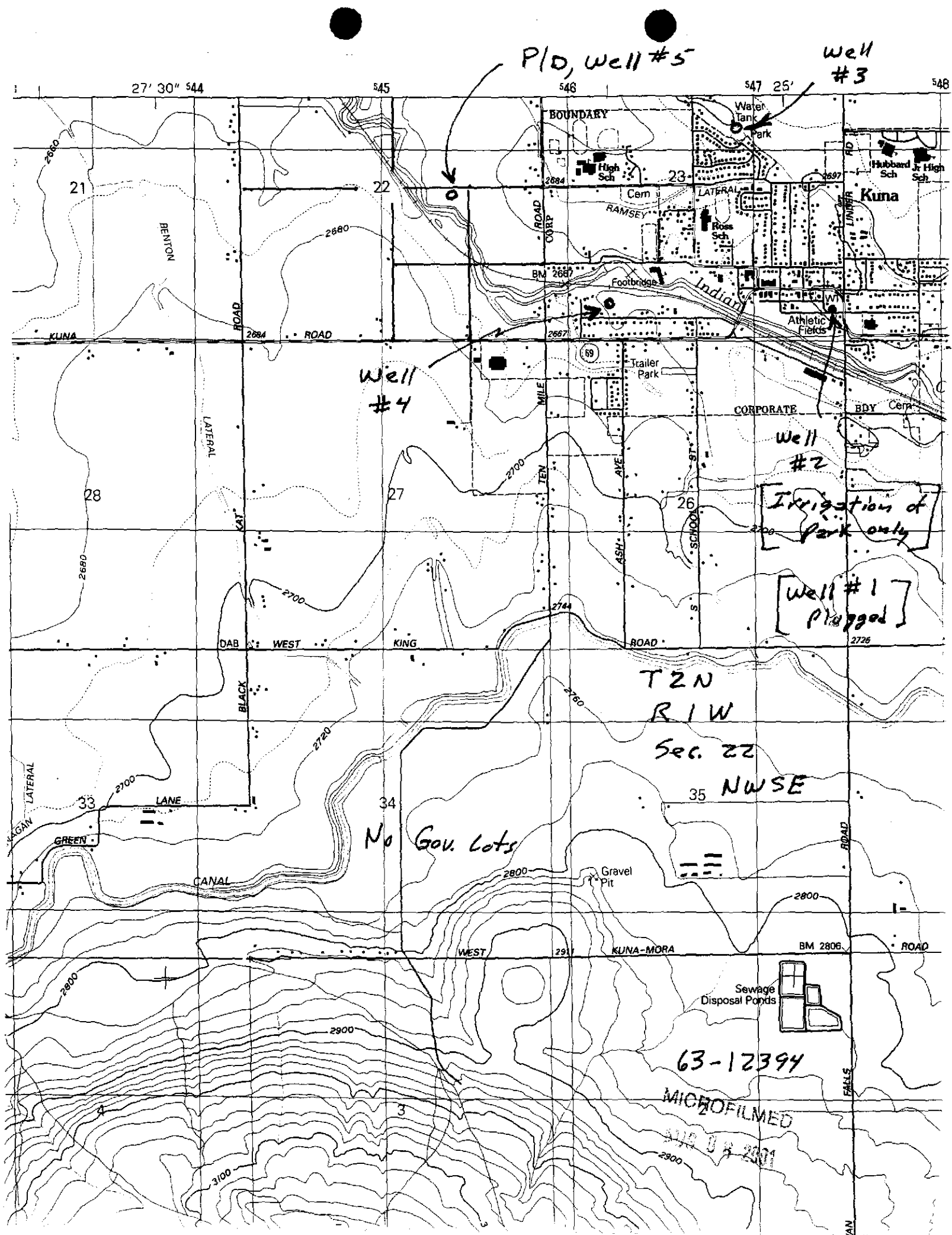
3. Delivery System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe l.d. as applicable.

E. NARRATIVE/REMARKS/COMMENTS

1. See enclosed Municipal Well No. 5 Narrative by Tim Burgess of Civil Survey Consultants for information on the 3 municipal wells (#3, 4, 5), and operation of the water system.
2. The City of Kunz municipal system has three wells - #3, #4, + #5 (this permit). Old well #2 is located by the old elevated water tank and is only used for irrigation of the park. Well #2 is not connected into the municipal system. Well #1 was plugged.
3. Cond. 12: Well screens at 346' - 475'. Permit has water bearing zone to be 400' - 480'.
4. This well is #5.
5. The well is located in the ~~AAutholand Court Subdivision~~ Discovery Creek Subdiv.
6. This well pumps directly into the system, and will be the primary well. Wells #3 + 4 will pump water as needed. At the time of the exam, this method of operation was not in practice due to some additional control work that needs to be done.

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

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AUG 8 8 2011



P/O, well #5

well #3

well #4

well #2

Irrigation of park only

[well #1 plugged]

T2N
R1W
Sec. 22
NWSE

No Gov. Lots

63-12394

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APR 14 2001

City Of Kuna Municipal Well No. 5

Updated System Description

Well No. 5 was completed in August 1999. With the completion of this facility the existing water supply system consists of three wells, three storage reservoirs and two booster pump stations. A brief description of each is as follows:

Butler Pump Station

The Butler Pump Station is located in Butler Park at the northerly end of Gori Street. This facility consists of Well #3 with a pumping capacity of approximately 1400 gpm, a 500,000 gallon ground storage reservoir, and booster pump station with two 125 horsepower pumps. One booster pump was installed in 1975-76 as a manual back-up pump. During the 1993 water system improvement project it was converted to automatic operation and discharges approximately 2,200 gpm. The second pump was replaced during this project with a new Cornell 6HH centrifugal pump identical to those installed at the Cedar Pump Station. This pump delivers approximately 1650 gpm. The well pumps directly into the ground storage reservoir which provides chlorine contact time and storage. The boosters pump out of the ground storage reservoir into the distribution system. The Butler facility has a diesel powered emergency generator. This generator is only capable of running the two booster pumps and necessary building systems. The well and unnecessary systems are not connected to the emergency power supply.

Cedar Pump Station

The Cedar Pump Station is located south of Indian Creek on Park Street east of Cedar Avenue. This facility was constructed in 1993-1994 and consists of Well #4 with a pumping capacity of approximately 1650 gpm, a 500,000 gallon ground storage reservoir, and booster station with two 125 horsepower pumps. Both pumps are identical Cornell 6HH centrifugal pumps each of which deliver approximately 1,650 gpm to the system. Well No. 4 pumps directly into the ground storage reservoir which provides chlorine contact time and storage. The boosters pump out of the ground storage reservoir into the distribution system. The Cedar facility also has a diesel powered emergency generator which is capable of running all equipment at this site.

Well No. 5 — 63-12394

Well No 5 is located at the westerly end of Topanga Drive in Discovery Creek Subdivision. Well No. 5 has a 200 horsepower water lubricated vertical turbine pump which pumps directly into the distribution system. This pump is equipped with a variable frequency drive unit and is designed to provide a 1400 gpm continuous supply of water. Well No. 5 is equipped with a tablet type chlorination system. There is no back-up power at Well No. 5.

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AUG 6 1999

63-12394

Elevated Storage Reservoir

The elevated storage reservoir was constructed around 1911. It has a total volume of approximately 40,000 gallons. Currently the elevated reservoir's only purpose is to control the operation of each booster pump station, and Well no. 5 via the radio telemetry system. It is too small and the city has difficulty controlling the system during peak demand periods during the irrigation season. Well No. 5 is intended to operate continuously in a lead position. This will help the ability of the elevated reservoir to control the cycling of the booster pump stations.

System Capacity

Table 1 summarizes the existing facilities with storage capacities and pumping capacities at each:

Table 1 – Existing Facility Capacities

	Location	Well Capacity (gpm)	Booster #1 Capacity (gpm)	Booster #2 Capacity (gpm)	Storage Volume (gal)
	Butler Pump Station	1,400	1,600	2,200	500,000
	Cedar Pump Station	1,650	1,600	1,600	500,000
	Well No. 5	1,400	1,400	-	0

With completion of Well No 5 the total combined well capacity is 4,450 gpm or 6,408,000 gallons per day. With Well No. 5 pumping directly into the distribution system it also acts as a booster pump. Total combined booster pump capacity is approximately 8,400 gpm if all pumps are operating. Total Storage capacity, excluding the elevated reservoir, is 1,000,000 gallons.

System capacity is based upon well capacity, with one well out of service. Maximum system capacity is based upon peak day demands, which, based upon water use data from 1998 is approximately 0.5 gpm per person. Based upon this peak day demand, with one well off line, the existing system is capable of serving approximately 6,100 connections.

System Operation

The Operation and Maintenance Manual prepared for the 1993 project has a detailed description of system components, and system operation sequences without Well No. 5. A description of Well No. 5's design operation sequence is as follows:

Well No. 5 is a stand alone well which pumps directly into the distribution system. It is equipped with a 200 hp vertical turbine pump and motor which will be operated using a variable frequency drive. It is the intent to operate this well continuously winter and summer. Pump operation will be totally independent of the other booster pump stations and simply controlled by the start and stop set points based upon the water level in the elevated reservoir.

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AUG 28 2001 2

63-12394

Initially the pumping rate will vary throughout the year. In the winter months the pump will be set to operate at a speed less than 100% to meet the average day demands and still exercise the other booster stations on a regular basis. During the summer months we will set the pump at 100% speed. It will operate in the lead position, with the other booster stations used to fulfill peak demand periods.

A typical operating sequence will consist of the following: Upon the water level in the elevated reservoir reaching the pump start level, the VFD will start the pump and ramp it up to the pre-set speed; the pump will operate continuously at this speed until the water level reaches the pump stop level; upon receiving the pump stop signal the VFD will ramp the pump down and stop operation. The cycle will repeat as the water level in the elevated tank rises and falls. We anticipate this pump will operate continuously during the day and only shut off during low demand periods late at night an early in the morning.

With this pump station in the lead position the Butler and Cedar pump station set points will be set to start operation if water continues to drop below the Well No. 5 start set point; and will be set to stop operation before the water level in the elevated reservoir reaches the Well No. 5 stop set point.

Well No. 5 By-Pass

Well No. 5 is equipped with a by-pass pipe which discharges to Indian Creek. The purpose of this by-pass is to allow for flushing of the well should there be a water quality problem. This by-pass is manually controlled. There are two important items of concern to the operator should it be used.

First the well pump is water lubricated. With the valves outside the pump house set to the by-pass position there will not be any water to prelube the pump. Therefore the well pump must be prelubed from the potable system prior to switching the valves to the by-pass position.

Second the chlorination system should be set to the off position so that no chlorinated water is discharged to Indian Creek.

Manufacturer's Information

Manufacturer's operation and maintenance information for major system components is included in the following sections. Operation and maintenance information for the Hammonds tablet chlorination system is included in a separate bound book.

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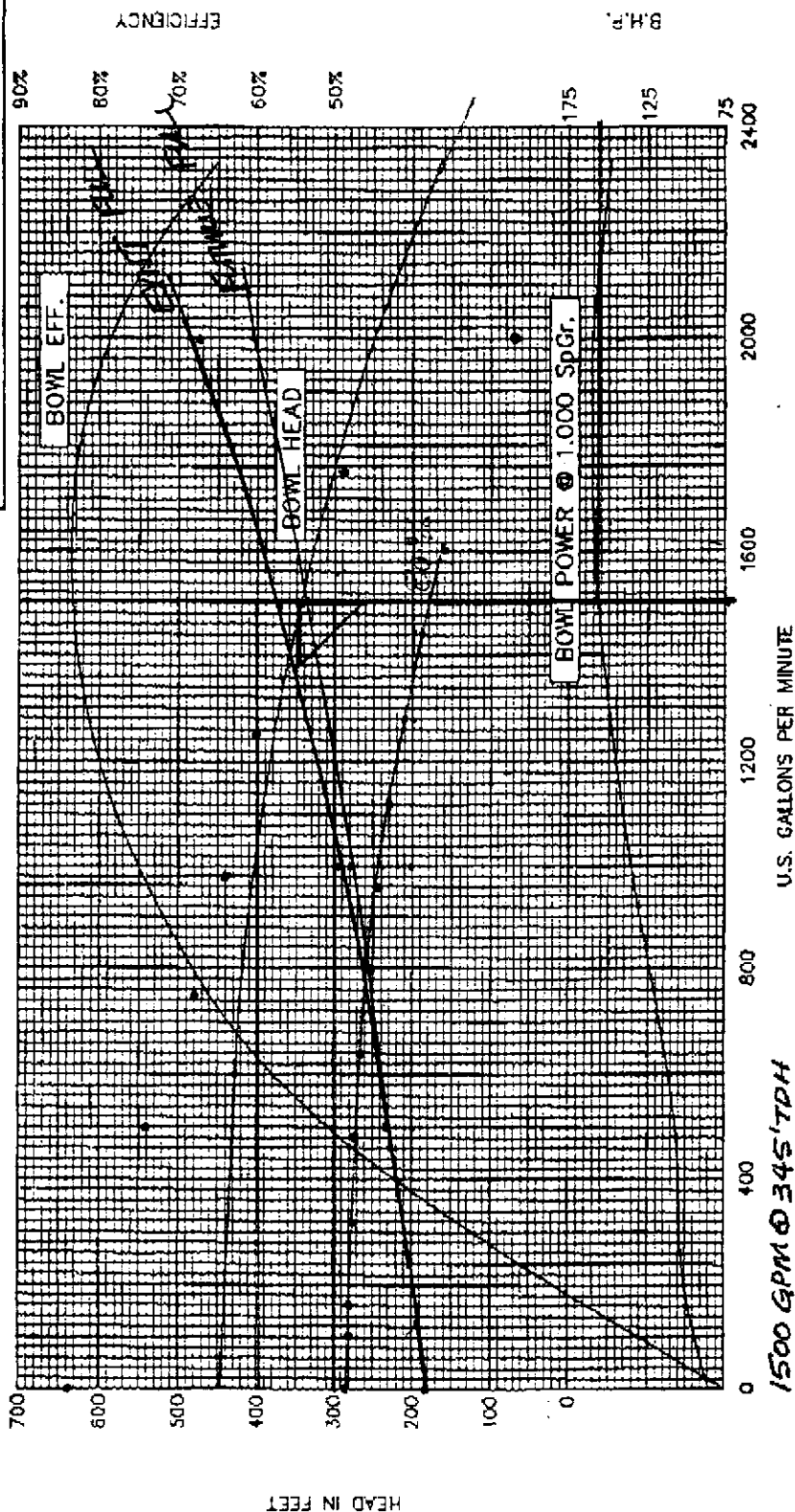
63-12394

**Certified expected performance
based on test of similar units**

HEAD AND POWER CAN BE
MORE PER H.I. TOLERANCES

CITY OF KUNA
200 HP DEEP WELL PUMP

Well #5



PUMPTech CO., INC.
4444 S. YELLOWSTONE HWY.
IDAHO FALLS, ID 83405

DWG. NO. 3488301PC-1

Flowway Pumps
FRESNO, CALIFORNIA

A **UNITED** COMPANY

TYPE 14.5KM
NO. OF STAGES 4
R.P.M. 1784
PUMP SERIAL NO. 34883-1-1

OWN. BY NWA/HP DATE 03/08/1999

PF-314-C

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AUG 0 8 2001

63-12394

Estimated pumping water-levels at various
discharge rates for the Kuna #5 supply well

Pumping Rate	Pumping Level* (depth below ground)
500 gpm	112 feet
750 gpm	132 feet
1000 gpm	151 feet
1250 gpm	170 feet
1500 gpm	189 feet
1750 gpm	209 feet

*Based on 7/16/98 hydraulic test:

Water-level stabilized while pumping 1370 gpm
(pumping level = 179 feet below ground).

Static water-level prior to test = 74 feet below ground.

13 gpm/ ft. specific capacity.

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AUG 10 2000

63-12394

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

Tag # E 000 9031

1. DRILLING PERMIT NO: 63-97-W-0455 - OTHER APPLICABLE NO: 63-12394
000
2. OWNER: City of Kuna Phone: (208) 922-5346
Address: P.O. Box 13, Kuna, ID 83634-0013
3. WELL LOCATION: Twp 2N, Rge. 1W, Sec. 22, NW 1/4 NE 1/4
County Ada (Provide sketch map and photo on reverse.)
4. DRILLER: Stevens & Sons Lic. No. 153
When Drilled? 4/98 to 7/98
5. WELL CONSTRUCTION:
Casing Diameter 20 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing ≥ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 415 ft. Method Drilled Cable Tool
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☒ Yes ☐ No Pressure Gauge: ☒ Yes ☐ No
Condition of Piping and Valving New
Auger to a depth of _____ ft. Evidence of Annular Seal ☒ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION:
Depth to Static Water 75 ft. Water Temperature 60/6 °F
Flowing Artesian ☐ Yes ☒ No Pressure: _____ (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
☐ Domestic ☐ Irrigation ☐ Stock
☐ Test ☒ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: _____

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

9. REMARKS:

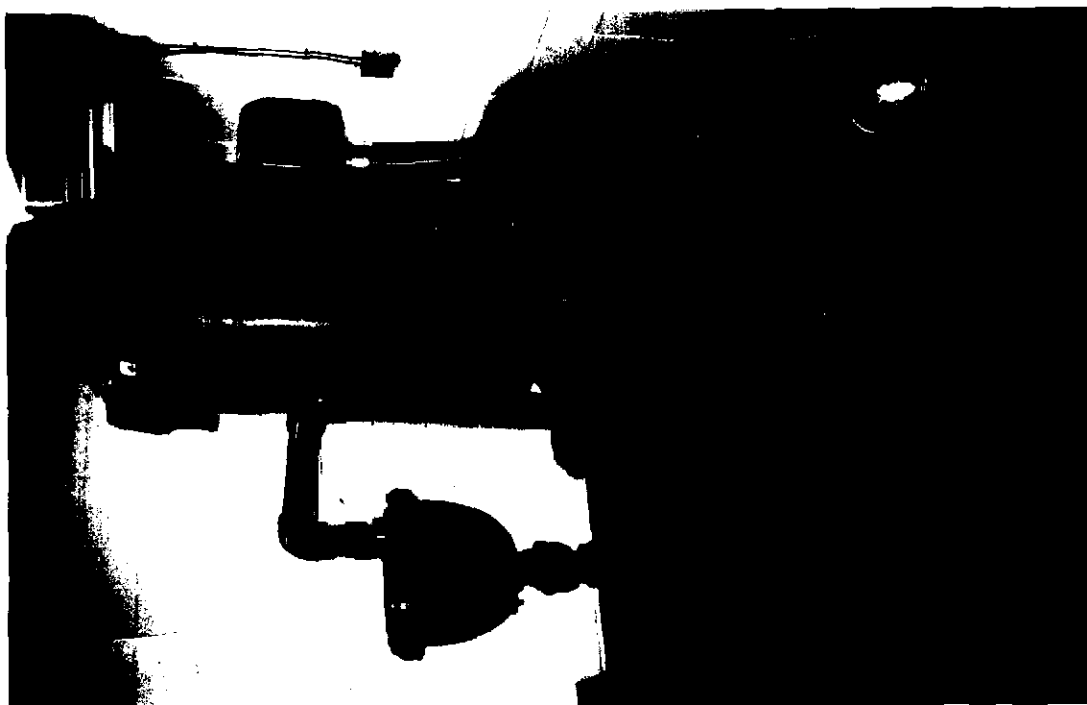
This is well #5 for the municipal system for Kura. The system also has well #4, and well #3.

Well #2 is an old well by the old elevated storage tank that is only used for irrigation of the park, and is not connected into the municipal system. Well #1 was plugged

Dan Zama Water Rights Examiner
Signature of Dept. Representative & Title

2-3-00
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



REPROFILMED

NOV 10 1999

1 of 2

P/O

Well

House

#5



P/O

Well #5



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AUG 08 2001

63-12394

2 of 2

P10

Well

House

#5



P10

Well

House

#5

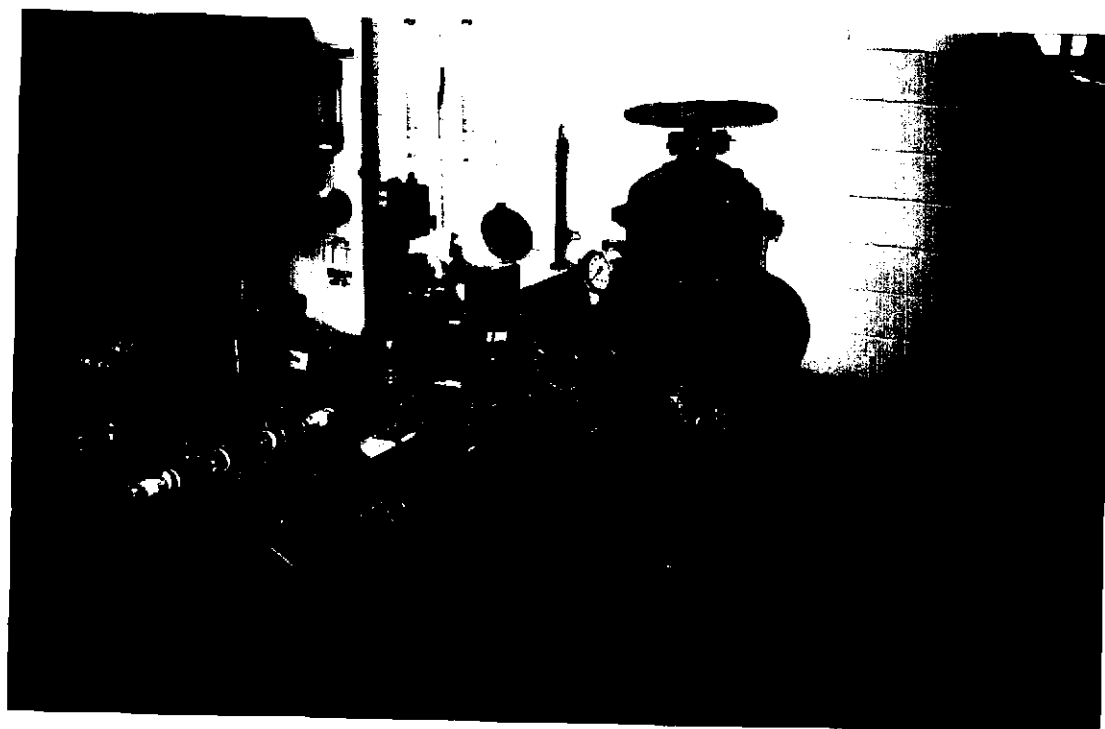
Flow

meter -

(Gray)

and

Chlorinator
on left.



MICROFILMED

AUG 18 2001

63-12394



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

June 28, 2001

CITY OF KUNA
PO BOX 13
KUNA ID 83634-0013

RE: Permit 63-12394

Dear Permit Holder(s):

The Department of Water Resources (IDWR) has issued the enclosed Amendment of Permit approving your application to amend the water right referenced above. Please be sure to review every element of the Amendment of Permit, including the conditions of approval and remarks.

The Amendment of Permit is a **preliminary order** issued by IDWR pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.**

Also, please note that water right owners are required to report any change of water right ownership and/or change of mailing address to the department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department or visit the department's homepage on the Internet at <http://www.idwr.state.id.us> to obtain the proper reporting form.

If you have any questions regarding this matter, you may call me at 208-327-7940.

Sincerely,

Jeff Peppersack, Manager
Water Rights Permits Section

JP:klt

Enclosures

MICROFILMED

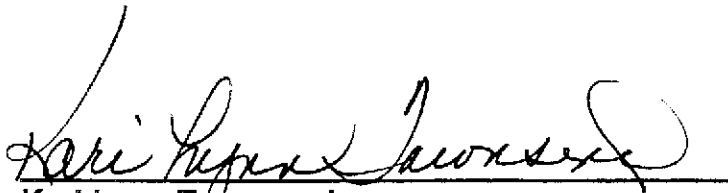
AUG 13 2001

CERTIFICATE OF MAILING

I hereby certify that on June 28, 2001 I mailed a true and correct copy, postage prepaid, of the forgoing **PRELIMINARY ORDER (Amendment of Permit)** to the person(s) listed below:

RE: AMENDMENT OF PERMIT 63-12394

**CITY OF KUNA
PO BOX 13
KUNA ID 83634-0013**


Kari Lynn Townsend
Secretary

MICROFILMED

AUG 9 8 2001

**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

The accompanying order or approved document is a "**Preliminary Order**" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

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AUG 08 2001

AMENDMENT OF PERMIT REVIEW

Review Date 6/26/01

PERMIT NO. 63-12394 NAME City of Kuna

TYPE: A = AMENDED E = CHANGE N/U I = CHANGE P/D & P/U
B = CHANGE P/D F = CHANGE Per/U J = ADD P/D & CHANGE P/U
C = ADD P/D G = OTHER
D = CHANGE P/U H = CHANGE P/D & + P/D

AREA OF CONCERN: TV Mor GW GWMA Trust/Non-trust
study area

PROOF OF B/U RECEIVED? Yes/No Due < 6 months? Yes/No

GROUNDWATER:

Drilling Permit No. ;
Drilled

Swan Falls Flag

Conditions of Approval: 046, 01M, 022, 075,

Remarks/Comments The plc of municipal use identified above
represents land upon which wastewater from the
wt's treatment plant may be applied for irr. purposes to satisfy
water quality requirements. All other muni use authorized
under this pt is w/in the service area of City of Kuna

comment
Letter

IDWR WESTERN REGION
AMENDMENT OF PERMIT ANALYSIS SHEET

Application ID#
69089

Permit No. 63-12394 Applicant CITY OF KUNA

Reviewed by DAN Data entry by DAN Date _____

Legal Notice: Word filename CITY OF KUNA Legal notice (same as
OR Use Workflow ad NO TRANSFER
69089]

Purpose of Amendment _____ Change P/D _____ Add P/D _____ Increase Amount
X Change P/U _____ Other: _____

CHECK:

X Description of amended elements.

NO Amount, nature and period of use. If increased, delay date of priority.

X Ownership of P/D and P/U and arrangement for access if not owned by applicant.

X Map X \$50 Fee.

X Signature, must be permit holder. Include title if applicant is an organization, partnership etc.

X Existing water rights from the same source for amended P/D or P/U?

Right No(s). P/D NONE
P/U = 63-3266, 63-8215, 63-11970, 63-7327

yes Should amendment be advertised? ADVERTISE WITH XFER.

NO Should date of priority be delayed? If yes, to what date? _____

NO Send comment Letters? Check any of the following to indicate "yes":

_____ IDFG for surface water _____ Water District No. _____

_____ Water Planning Bureau for protected river or minimum flow reach – reviewer should forward copy of application instead of sending a letter.

X Other, see attached mailing list. DEPT. OF ENVIRONMENTAL QUALITY (DEQ)

yes Additional analysis information attached. Date of the information is SEE AMENDMENT, TRANSFER
MEMO. ATTACHED
TO TRANSFER 69087

FINAL REGIONAL PROCESSING REVIEW:

☒ Affidavit of publication received

☒ Published correctly? ☐ Re-publication required if published incorrectly?

N/A Protests processed.

N/A Watermaster comments received on date: _____

☐ Other comment letters received?

Recommendation and Conditions of Approval: ☒ APPROVE ☐ DENY

standard conditions. See Dan Nelson's memo in file for
xfer no. 69087 for explanation of specific POJ description.

By Dary S _____

Date 6/13/2001

Copy for Region file after final recommendations are complete. Always include application, legal notice, staff analysis sheet, and analysis memo (if applicable). List other items to copy:

MICROFILMED

AUG 08 2001

MEMORANDUM

TO: FILE
FROM: DANIEL A. NELSON
DATE: 5/1/2001

**RE: CITY OF KUNA TRANSFER, RIGHTS 63-3266, 63-8215, & 63-11970 AND
AMENDMENT OF PERMIT FOR RIGHT 63-12394**

The City of Kuna proposes to add lands to be used for land application of their waste treatment plant water to the 3 existing municipal rights and permit. The lands will be located in the NE ¼, E ½ NW, and SE ¼ S2 and SW ¼ S1 T1N R1W for a total of 160 acres.

DOCUMENTS AND APPLICATION PREPARATION

The application consists of 9 pages and 2 attachment for the transfer. Note the location of the following application items:

Attach. A – Proof of Ownership (A1-A7)
Attach B – Ada County Conditional Use application (B1-B8)

The applicant prepared both applications.

Other information used in this review includes Adjudication recommendation profile reports for 63-3266 & 63-8215, Place of Use Comparison Sheet, Point of Diversion overlap, of Adjudication claims for water rights 02-10150, 61-11924, and 61-11919, and Beneficial Use Exam for 63-9668 all attached to this memo.

NARRATIVE

Water rights 63-3266 and 63-8215 have been recommended as licensed in the Snake River Basin Adjudication (SRBA), so the transfer should cause a problem with data entry. Water right 63-11970 does not require an adjudication claim and was not claimed in SRBA. Lori Graves completed a Beneficial Use Exam Report for the City of Kuna in 2/3/2001, which shows that the water rights have been used within the last 5 years. The only significant overlap is water right 63-7327. 63-7327 is groundwater irrigation right used to irrigate this land. The City of Kuna plans to land apply the City's sewage water to these acres and use 63-7327 to provide the remaining irrigation needed to grow crops on this property.

RECOMENDATIONS

This transfer should be approved as filed, with the land list showing the land application use so a search of the database will show that these lands are irrigated by the City's wastewater.

MICROFILMED

MAY 08 2001

MEMORANDUM

TO: FILE

FROM: DANIEL A. NELSON

DATE: 3/27/01

SUBJECT: CITY OF KUNA TRANSFER AND APPLICATION FOR AMENDMENT OF PERMIT

I spoke with Shelly Keen about how to data enter the applications for transfer and amendment of permit for the City of Kuna for the land application of their waste water. Shelly was not sure whether or not we needed to have a transfer for this since this water use is covered under the municipal use. The main reason for his concern was the fact that the City of Kuna owns the property where the wastewater will be applied. According to Shelly a municipality can deliver water to its service area, which is defined as inside the city's corporate limits and anywhere outside those limits that are serviced by the city (Idaho Code 42-202B). The department does not generally give a legal description for a municipal right unless the right is a single system not connected to the municipal system. For example a well that only serves a park, or a single building site. The department does have a map of the municipality's service area, and will change the map without requiring a transfer.

Therefore, should we require a water right or transfer and amendment from the City of Kuna when we are not actually changing the water right record for the city? Should we require that they file a new application for permit for the land application even though it is actually covered under the term municipal use? In other cases where the wastewater is being applied on the lands of another, the person who benefits from the use of the water should apply for a water right. But the city owns the property where the water will be land applied, so is it automatically covered under their municipal rights if they are not increasing the flow rate from the original wells?

GARY & STEVE SAY WE NEED
THE TRANSFER.

MICROFILMED

AUG 28 2001

RECEIVED

MAY 25 2001

WATER RESOURCES
WESTERN REGIONThe Idaho
Statesman

P.O. Box 40, Boise, Idaho 83707-0040

LEGAL ADVERTISING PROOF OF PUBLICATION

Account #	DTI#	Identification	Amount
047628	450721	PROPOSED CHANGE OF WATER RIGHT	\$77.88
Ordered by:	P.O. #	Rate	Run Dates
SUE TAYLOR		NT	MAY 17, 24, 2001
IDAHO DEPARTMENT OF WATER RESOURCES WEST 2735 AIRPORT WAY BOISE, IDAHO 83705			Number of Lines 48
			Affidavit 1
			Legal # 10434

LEGAL RIGHTS
NOTICE OF PROPOSED CHANGE OF
WATER RIGHTS.

Notice is given that CITY OF KUNA of PO Box 13, Kuna, ID 83634 has applied to the Department of Water Resources to add a site outside of the City's municipal service area for the purpose of land application of wastewater. Wastewater results from a municipal ground water system served by the following water rights (all wells are in T2N R1W, Ada County):

LICENSE 63-03266, priority 3/21/1962, 1.34 cfs, diverted in SESE S23.

LICENSE 63-082151, priority 10/2/1975, 3.90 cfs, diverted in SWNE S23.

LICENSE 63-11970, priority 12/28/1992, 3.78 cfs, diverted in SWSW S23.

PERMIT 63-12394, priority 5/10/1997, 4.5 cfs, diverted in NWSE S22.

PROPOSED CHANGE FOR ALL RIGHTS

Land application of wastewater will occur in the NE 1/4, E 1/2 NW, and SE 1/4 S2 and SW 1/4 S1 T1N R1W for a total of 520 acres. The proposed site is about 2 miles south of Kuna on Swan Falls road.

Transfer application number 69087 will add the site to the three licenses pursuant to I.C. § 42-222.

An Application for Permit will add the site to the permit licenses pursuant to I.C. § 42-211.

Any protest against approval of the proposed change must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise, ID 83705-082, together with a protest fee of \$25 for each application on or before June 4, 2001. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Pub. May 17, 24, 2001

10434

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein, and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto: that said notice was published in The Idaho Statesman, in conformity with Section 60-108, Idaho Code, as amended for: TWO

☒ consecutive weekly ☐ single
☐ consecutive daily ☐ odd skip
insertion(s)

beginning with the issue of: MAY 17, 2001

and ending with the issue of: MAY 24, 2001

Janice Hildreth

STATE OF IDAHO)

)ss

COUNTY OF ADA)

On this 24 day of MAY in the year of 2001

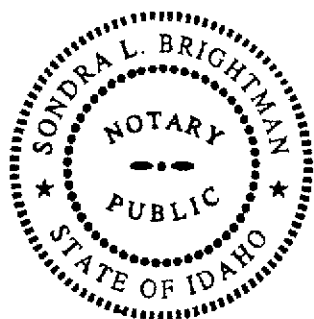
before me, a Notary Public, personally appeared before me Janice Hildreth known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

Sondra L. Brightman

Notary Public for Idaho

Residing at: Boise, Idaho

My Commission expires: 6/20/06





State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

May 15, 2001

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

ID DEPT OF ENV QUALITY
BOISE REGIONAL OFFICE
PO BOX 83720
BOISE ID 83706

Re: Application for Transfer No. 69087 and Amendment of Permit No. 63-12394 in the
Name of the City of Kuna

Dear Sir:

Enclosed are copy of the above-referenced applications that may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter. However, if your agency desires to file a formal protest against the approval of this application(s), your written protest along with the \$25.00 protest fee must be received in this office by June 4, 2001.

If you have any questions regarding the application, please contact this office.

Sincerely,

Gary Spackman

GS:st

Encl.

MICROFILMED

AUG 08 2001



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

December 19, 2000

Tim Burgess P. E.
Civil Survey Consultants
100 S. Adkins Way, Suite 101
Meridian ID 83642

Re: City of Kuna: Land Application of Wastewater

Dear Mr. Burgess:

We recently discussed water right issues related to a new land application site for the City of Kuna. The best recommendation I can offer involves changing all the municipal water rights held by the City except Permit No. 63-09668. That permit is an irrigation water right with a minor municipal component. A water right mostly described as irrigation use is probably not suited for inclusion in a land application scenario due to expansion of use considerations normally associated with irrigation.

The City holds four water rights described solely by municipal use. Changing the four rights to include a new land application site would include the following steps:

1. File an Application for Transfer to change License Nos. 63-03266, 63-08215 and 63-11970. The transfer fee for the sum of the licenses (9.02 cfs) is \$610.
2. File an Application for Amendment to change Permit No. 63-12394. The amendment fee is \$50.
3. The transfer and amendment steps could add the proposed land application site to the municipal place of use. The nature of use in the water rights would not change – it would remain as municipal use for the City service area plus for a defined site (identified by section ¼ ¼'s) outside of the normal service area of the City.

The City might want to consult legal counsel regarding alternatives to the above suggestion. In any event, some type of water right protection is needed for the new land application site. The protection is not evident within limits of existing water rights held by the City.

I have enclosed forms and related information for your consideration of the transfer and amendment steps. Please let me know if you need more information in this regard.

Sincerely,

Steve Lester
Water Rights Supervisor

Enclosure

MICROFILMED

8/15 0 8 2001



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

December 12, 2000

STEVE HOPKINS PLANNER II
ADA COUNTY DEVELOPMENT SERVICES
650 MAIN ST
BOISE ID 83702

Re: 00-64-CU/00-12-MSP City of Kuna

Dear Mr. Hopkins:

The Idaho Department of Water Resources (IDWR) reviewed the above referenced conditional use permit application and master site plan for the City of Kuna (City) wastewater treatment facility. The following comments are provided for your consideration.

Land application of wastewater presents new challenges in the water rights arena. Guidance from statutes and case law is sparse. IDWR recently adopted a policy to address concerns related to land application scenarios, particularly in areas where approval of new water rights is complicated by a moratorium on such an approval.

IDWR recommends that the City seek water right approval for the expansion of the treatment facility. The recommended course of action involves a change of existing municipal rights instead of filing for a new water right appropriation. Changes to existing municipal rights can be sought by the *application for transfer* or the *application for amendment of permit* processes. Such changes could add the proposed land application site to existing municipal water rights – land application practices would be considered part of municipal use for areas outside of the City service area normally associated with its municipal water rights.

The expansion site for land application appears to be land described by an irrigation water right, license no. 63-07327 in the name of John or Pearl Noble or John Noble Properties. This right identifies an irrigation well in SENE Section 2 to irrigate 320 acres in portions of Section 2. The conditional use application identifies this well as one "to be retained for supplemental process water" (see foldout map in conditional use application). Use of the well beyond use authorized by license no. 63-07327 raises water right questions. Additionally, the license is not claimed in the ongoing Snake River Basin

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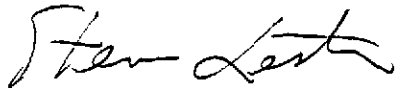
City of Kuna
December 12, 2000
Page 2 of 2

Adjudication (SRBA). The license will not remain a valid water right unless filing a SRBA Claim protects it. The City and/or landowner of the irrigation land described by this water right should consider the current and future status of this water right in conjunction with the proposed land application plan.

In summary, water right protection for the new land application area does not exist and should be secured. Adjustments to water right no. 63-07357 also might be necessary to expand the City land application capacity.

Please contact me at your earliest convenience if you need more information. Thank you for the chance to comment on the City's proposal.

Sincerely,

A handwritten signature in cursive script, appearing to read "Steve Lester".

Steve Lester
Water Rights Supervisor

Cc: Mayor Willard G. Nelson

MICROFILMED

AUG 08 2001



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

November 29, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

City of Kuna
PO Box 13
Kuna ID 83634-0013

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-12394

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit.

Enclosed is an order reinstating the permit since proof was submitted after the proof due date. Please note that the priority date has been advanced to May 10, 1997, pursuant to Section 42-218a, Idaho Code.

Please be advised that Section 42-248, Idaho Code, requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water. If you have questions concerning the field examination, please contact the **WESTERN** Regional Office of the department in Boise at (208)334-2190.

Sincerely,

JULIE L. YARBROUGH, Administrative Assistant
Water Allocation Bureau

Enclosure

c: IDWR - Region

MICROFILMED

DEC 02 1999

**ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE**

Permit No. 03-0394 Reviewed by Jef Date 11-22-99

GENERAL CONSIDERATIONS

yes Name same as permit?
yes Address same as permit?
no Proof timely received?
If not, complete calculation below.

TYPES OF USE

municipal

Correct Uses? yes

SOURCE OF WATER

 Surface water source

✓ Ground water source

✓ Drilling permit required?

yes Copy in the file? Drilling Permit No. 03-97-W-0488-000

200 Amount paid for permit

yes Correct?

no Well log in the file?

LICENSE EXAMINATION FEE

yes Required?

175 Amount Submitted

yes Correct?

MEASURING DEVICE

yes Required?

yes Installed?

 Waiver requested?

PRIORITY CALCULATION

Date proof received 10-8-99 281

Date proof due 9-1-99 - 244

No. of days late = 37

Priority Date 4-3-97 + 93

New Priority Date 5-10-97 130

75/10/97

DEFICIENCIES OR ACTION ITEMS

Reinstatement + advance priority to May 10, 1997.
Proof Acceptable

DATA ENTRY

New Address X Proof Made 10-8-99

Civil Survey Consultants, Inc.

Glenn K. Bennett, P.L.S.
President

Timothy A. Burgess, P.E.
Vice President

P.O. Box 39
1530 W. State Street
Meridian, Idaho 83680

(208)888-4312
Fax 888-0323

October 6, 1999

RECEIVED

OCT 7 1999

Idaho Department of Water Resources

L. Glen Saxton
Chief, Water Allocation Bureau
Idaho Department of Water Resources
1301 North Orchard Street
P.O. Box 83720
Boise, Idaho 83720-0098

Re: City of Kuna Permit No. 63-12394

Dear Mr. Saxton:

On behalf of the City of Kuna, I am submitting the enclosed Proof of Beneficial Use form along with check No. 9729 in the amount of \$175.00 to cover the license examination fee for Permit No. 63-12394.

The City of Kuna had made a previous submittal for this permit on approximately August 20, 1999 with another check No. 9532 in the amount of \$175.00. This submittal has apparently been lost in the mail. If it does happen to turn up please void the check and return it to me.

Sincerely,


Tim Burgess, P.E.

enc.

cc City of Kuna

MICROFILMED

DEC 02 1999

MEMORANDUM

To: File 63-12394
From: L. Glen Saxton 
RE: TELEPHONE CALL
Date: September 23, 1999

On September 22, Tim Burgess, city engineer for the City of Kuna called in connection with the lapse notice and advised that he had prepared the proof for the city to file and believed that the city had filed it. I advised I would check our files.

I checked our files and determined that the proof was not in it. I also had the receipt data base checked and did not find evidence that we had receipted a check. I then called Burgess's office and relayed my findings and advised that the proof could still be filed within 60 days of the mailing of the lapse notice.

MICROFILMED

DEC 02 1999

WARNING

CANCELLED OR LAPSED

This permit has been officially CANCELLED or LAPSED.

Ninety days following the date of official action this file will be DESTROYED.

September 17, 1999

CITY OF KUNA
PO BOX 13
KUNA ID 836340013

LAPSE NOTICE

RE: PERMIT NO. 63-12394

Dear Permit Holder:

You are hereby notified that under the provisions of Section 42-218A, Idaho Code, the above referenced permit has lapsed and is of no further force nor effect. The department provided the proper forms to you in our proof due notice dated June 30, 1999. No further construction or additional development is authorized under this permit unless it is reinstated.

The permit can only be reinstated if you submit an acceptable proof of beneficial use or an acceptable request for extension of time to the department within sixty (60) days of the mailing of this lapse notice. An acceptable proof of beneficial use submittal must include the examination fee or a completed field examination report. A request for extension of time must be accompanied by a fifty dollar (\$50.00) fee.

Enclosed again for your use are a proof of beneficial use form and a request for extension of time form. Please note that only one extension of time can be granted unless the project has not been completed because of lack of a necessary approval by a government agency or by litigation which may bring title to the water in question.

L. GLEN SAXTON
Chief, Water Allocation Bureau

Enclosures

CERTIFICATION OF MAILING

I hereby certify that on 9-17-99
a copy/an original of this document was
deposited in the United States mail,
postage prepaid addressed to the
individual(s) named above.

MICROFILMED

SEP 02 1999

July

June 30, 1999

CITY OF KUNA
PO BOX 13
KUNA ID 836340013

PROOF DUE NOTICE

RE: PERMIT NO. 63-12394

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before September 1, 1999.

(See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

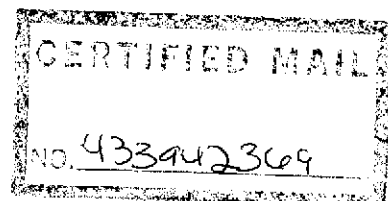
SINCERELY,

JULIE L. YARBROUGH
Senior Secretary

Enclosures

MICROFILMED

DEC 02 1999





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

September 9, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

CITY OF KUNA
PO BOX 13
KUNA ID 83634-0013

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-12394

Dear Permit Holder:

The Department of Water Resources (IDWR) has issued the enclosed permit authorizing you to establish a new water right. We have also enclosed your drilling permit which has been approved. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a preliminary order issued by IDWR pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed.

The Department will send you a "Proof Due Notice" approximately 60 days prior to the above referenced date requesting you to file either a Proof of Beneficial Use form or a Request for Extension of Time form.

Also, please note that as of July 1, 1996, the water right owners are required to report any change of water right ownership and any change of mailing address to the department. If you have acquired a water right or have changed your mailing address **PRIOR** TO July 1, 1996, you have until July 30, 1998, to notify the department. If you acquire a water right or change your mailing address **AFTER** July 1, 1996, you must notify the department within 120 days of the change.

ENCLOSURE

SEP 11 1997

Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department to obtain the proper reporting form.

Sincerely,

A handwritten signature in cursive script that reads "Shelley W. Keen". The signature is written in dark ink and is positioned above the printed name and title.

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosures

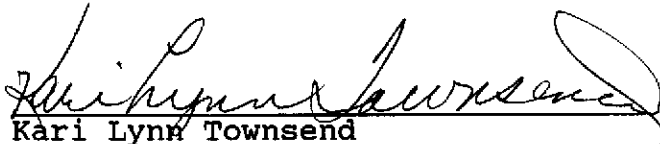
NOT RECORDED
SEP 11 1967

CERTIFICATE OF MAILING

I hereby certify that on the 9th day of **September, 1997**, I mailed a true and correct copy, postage prepaid, of the foregoing **PRELIMINARY ORDER (Approved Permit)** to the person(s) listed below:

Water Right No. 63-12394

**CITY OF KUNA
PO BOX 13
KUNA ID 836340013**


Kari Lynn Townsend
Secretary

MAILED 10/1/97

SEP 11 1997

Ident. No. 63-97-W-0455-000
Water Right No. 63-12394

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR DRILLING PERMIT

1. **Name:** CITY OF KUNA O 208-922-5546
Address: PO BOX 13
KUNA ID 83634

2. **Proposed Well Location:** Township 02N, Range 01W, Sec. 22, NWSE
ADA County

Street Address of Well Site: +/- 200' WEST OF THE NORTHERLY END OF WEST MULHULAND COURT
KUNA ID

Lot, Block, and Subdivision: Lt 024

Blk 005

DISCOVERY CREEK SUBDIVISION NO. 3

3. **Proposed Use of Well:** Non-Domestic Municipal

4. **Well Construction Information:**

A. NEW WELL

B. Proposed Surface Diameter 18 In. Proposed Maximum Depth 500 Ft.

C. Anticipated Bottom Hole Temperature: 85 F or less (Cold water well)

(NOTE: Construction diagrams and/or other information may be requested for monitor, low temperature geothermal, municipal and artesian wells.)

5. **Construction Start Date:** 6/ 1/1997

6. **Anticipated Well Driller:** (No. 9999)

NOTE: The actual well driller must be identified to IDWR prior to drilling commencement.

7. **Applicant's Signature** _____ **Date** _____

Title _____
(Owner, Firm Representative, Other)

Fee \$ 200.00 Received by _____ No. W022095 Date 4/ 3/1997

MICROFILMED

SEP 11 1987

(Continued)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is

Approved

Date:

9-9-97

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

CONDITIONS OF APPROVAL:

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required prior to construction of this well. The local Health Department should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100' from any drainfield and 50' from any septic tank. Public Water Supply wells must not be drilled closer than 100' from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If the bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig Line " Number for your area is 1-800-342-1585.
9. If an annular slurry seal of bentonite is to be utilized, a high (>30%) solids bentonite shall be pumped from the bottom up to land surface. The bentonite shall not contain chemical polymers which effect long term stability of the seal (and are often found in drilling fluid grade bentonites) but shall be a bentonite which has been specifically recommended by the manufacturer for use as a seal material in water wells.
10. A 50% excess of seal material shall be on hand in the event of lost circulation. If the seal material does not make it back to the surface, tremieing or perforation and squeezing is to commence at the top of the tagged seal position and will continue until returns reach the surface or the department is satisfied that aquifers are sufficiently isolated and/or protected from waste and contamination.
11. The project engineer or geologist will be on site during seal placement should any peculiarities arise which require further evaluation. Any alteration of the proposed or herein modified well construction procedure shall be approved by the Department before they are undertaken.

(Continued)

MICROFILMED

SEP 11 1997

CONDITIONS OF APPROVAL:

12. If after the commencement of drilling a construction problem develops, another means of seal placement or seal material may be approved after the Department has had an opportunity to review proposed changes. A 24 hour review period will be provided for department personnel should said changes become necessary.
13. Drilling fluids shall be mixed with water which meets or exceeds drinking water standards.
14. The screened, perforated, filterpacked or otherwise open and commingled strata which are to be produced from, shall be of similiar hydraulic head, temperature and quality. If there are notable variations encountered as the well is drilled and/or developed, the Department will be notified for evaluation.
15. If an annular seal of bentonite is to be utilized, it shall be a high solids (>30) bentonite. The bentonite shall not contain chemical polymers which effect long term stability of the seal and are often found in drilling fluid grade bentonites, but rather will be specifically recommended by the manufacturer for use as a seal in the construction or abandonment of water wells.
16. If the supply line is connected to the pump column below ground level, a pitless device will be utilized which provides a water tight seal through the casing. The pitless will be tested according to the means described by the U.S.EPA manual EPA-430/9-74-007. The test will be run in the presence of the engineer designing the surface distribution of the system.
17. Reference drilling specifications of the American Water Works Association Standard for Water Wells (ANSI/AWWA A100-90) and the Recommended Standards For Water Works (Greater Lakes Upper Mississippi River Board of States Public Health & Environmental Manager 1992).
18. The construction location of this well will be at a site approved by the Division of Environmental Quality.
19. Centralizers shall be located no more than 60' apart the entire length of all strings of casing placed in the well, excepting those <60' in length.
20. The owner, operator or contractor will notify the Department of Water Resources at the time drilling commences on this well, if that date is not the same as specified on this permit. Also notification will be made to the Department 12 hours prior to the anticipated time of placement of casing and seal within this well so a Department representative may be on site.
21. Injection, flow or pumping tests require 5 working days prior approval by the Director.
22. The proposal as described in the drilling propectus is to drill a well with a total depth of 500'. Eighteen inch .375" wall casing will extend from the surface to 325'. A seal of high solids bentonite grout >30% will be utilized for the annular seal, and will be placed from the bottom up by tremie. A ten inch .365" wall headpipe and tailpipe will be attached to ten inch 304 stainless steel screen with a filter pack will extend below the 325' level. The method of placement fro the screen may entail the use of 16" temp. casing which would be pulled back with placement of the filter pack. It is anticipated that multiple screened sections with blank pipe sections with specifications as above. A packer

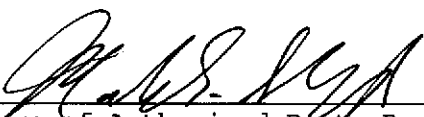
(Continued)

63-97-W-0455-000

SEP 11 1997

CONDITIONS OF APPROVAL:

- will be placed between the 10" and 18" casings.
23. Other conditions (either confirming or in addition to the proposal) may modify what is proposed.
 24. The deepest casing string, (18" production casing) shall be sealed by the method described above for its total length with a high solids (>30%) bentonite grout into the most substantial aquitard at the 300' to 350' depth, or the aquitard above the uppermost open interval. In either case, the screened, perforated, filter packed or otherwise open and commingled strata shall not exceed 35% of the total well depth as measured from the bottom of the actual drilled depth. If however through logging or other methods of evaluation it can be demonstrated that the aquifers to be produced from are under similar hydraulic head and quality, this may be waived and a greater open (screened section) may be approved. Should one of these aquifers become less desirable in the future all of the aquifers which are produced from will not be compromised.
 25. The annular space for a tremie placement seal shall be 2 inches, or a bore of 22" will be drilled for a casing with an O.D. of 18". If another seal material or sealing procedure is utilized, it shall be approved by the department of water resources.
 26. If the bentonite grout does not circulate back to the surface, perforation and squeezing or some other means of placement will be utilized to ensure a full length seal.
 27. A caliper log may be run for determining the volume of seal material to be placed with an additional 25% on site ready for placement.
 28. If 4.5 cfs (2019 gpm) is anticipated for the production rate, test pumping shall be done at that rate up to 1.25 times the rate or 5.62 cfs (2523 gpm) for 6 hrs after stabilized drawdown.
 29. Disinfection of the well shall follow ANSI/AWWA C654-87 Standard shall be done while drilling equipment is still on site.
 30. After development and aquifer testing, fifteen minutes into a pumping sequence the sand content of the well shall not be more than 5 ppm.
 31. The 18" casing shall have a wall thickness of not less than .375" with a weight per ft. of 70.59 lbs. with the 10" casing having a wall thickness of not less than .365" with a weight of 40.48 lbs per ft.


 Signature of Authorized Dept. Representative


 Title

EXTENSION OF DRILLING PERMIT

Extension Approved by: _____

Approval Date: _____

Expires On: _____

10-17-1987
 SEP 11 1987

WELL DRILLER: PLEASE COMPLETE FOR VERBAL

IDWR Employee Issuing Verbal: _____

Verbal Issued Date: _____ Time: _____

RECEIVED

APR 03 1997

WATER RESOURCES
WESTERN REGION

State of Idaho
Department of Water Resources

**APPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)**

1. Applicant (please print): City of Kuna

2. Mailing Address: P.O. Box 13

City & State Kuna, Idaho Zip Code 83634 Telephone (208)922-5546

☒ Well Owner ☐ Well Operator ☐ Contractor or Other, specify _____

3. Proposed Well Location: Twp. 2N, Rge. 1W, Sec. 22, 1/4 NW 1/4 SE 1/4;

Gov't Lot No. _____ County Ada Lat. 43 : 29 : 45 Long. 116 : 26 : 15

Street Address of Well Site + 200 ft. west of the northerly end of
West Mulholland Court City Kuna

Give at least name of road + Distance to Road or Landmark

Lot, block and subdivision Lot 24, Block 5, Discovery Creek Subdivision No. 3

4. Proposed Use of Well:

☐ DOMESTIC: The use of water for homes, organization camps, public campgrounds, livestock (1,000 head or less) and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

NON-DOMESTIC: ☐ Irrigation ☒ Municipal ☐ Industrial
☐ Stock ☐ Test ☐ Other _____
(Over 1,000 Head) (Describe)

☐ INJECTION

☐ MONITORING: A well bore schematic and map is required for each blanket permit.
No. of proposed wells: _____

5. Well Construction Information:

A. ☒ New well ☐ Modify ☐ Replace

B. Proposed Casing Diameter 18" Proposed Maximum Depth 500'

C. Anticipated bottom hole temperature:

☒ 85°F or less ☐ 85°F to 212°F
(Cold Water Well) (Low Temp. Geo. Well)

☐ 212°F or more
(Geothermal Well)

6. Construction Start Date: June 1997

7. Anticipated Well Driller: Project must be bid Driller's Lic. No. _____
NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's Signature Gail J. Mearns Date 4-1-97

Title Kuna City Council President
(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is _____ Date _____

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum of 50 feet and 100 feet respectively from a septic tank.
3. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.

SPECIFIC CONDITIONS:

Signature of Authorized Department Representative _____ Title _____

Receipt No. W022095 Received by DB Fee 75- Date 4-3-97

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension expires: _____

RECEIVED
APR 11 1997

MEMORANDUM

DATE: August 18, 1997
TO: File No. 63-12394
FROM: Cindy Zimmerman⁵³
RE: Status of municipal use

Section 42-202(2) of the Idaho Code states that "an application proposing an appropriation of water by a municipal provider for reasonably anticipated future needs" must be accompanied by documentation related to the service area, planning horizon, etc. This application includes "Preliminary Engineering Report for New Potable Water and Distribution Sytem Expansion" for the City of Kuna prepared by Civil Survey Consultants, Inc. in April 1997.

The file also includes a letter dated August 6, 1997 from Tim Burgess, Project Engineer. The letter identifies that the additional flow provided under this right is anticipated to be utilized within the nex 4 to 7 years. Therefore, this permit should not be interpreted as authorizing an appropriation for reasonably anticipated future needs.

RECEIVED
SEP 11 1997

APPLICATION FOR PERMIT STATE OFFICE REVIEW

by Cindy Lou

No.: 63-12394 Name: City of Kona Date: 8/8/97 Ad OK? ✓ ✓ Gvmt Lts: ✓

AREA OF CONCERN:

- No/Yes: _____ Mor / _____ GWMA / Trust / Non-trust

PROTESTED:

- 020 (Protest Agreement) or *W19 (Order)

SYSTEM COMPLETED:

1 year/no proof

- P16

>1 year

- 26A-P17

GROUNDWATER: (✓ FLO-CH)

WMD (✓ MAP)

>0.24 cfs/5 acres

- _____ or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

WMD >0.24 cfs

- 01M (report when notified)

>5 a.

- 01M; 065-079 (if GW use SW 1st-statewide)-(cannot move SW off)

≤ 0.24 cfs/5 acres

- No MD

DRILLING PERMIT:

Existing well

- NA (pre 7/1/87; ✓ WDQ3)

Included w/permit

- Permit No. _____ - _____ - _____ - _____, P99

No drilling permit?

- 046-408-P23 (post 7/1/87)

irr. in WD

- P05 (new well location)

SURFACE WATER: (✓ FLO-CH) (Surface water that doesn't sink is regulated):

IN MIN. STR. FLOW (✓ MAP)

- (modify remark *WB9)

WD (✓ MAP & LISTING)

- R04 (WD # _____)-01J-P08 (MD)

Pumped >0.20 cfs

- 01H-P01 (LD & MD) or No MD (in-stream stock)

WMD (✓ MAP)

> 0.24 cfs/5 acres

- _____ or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

SPRINGS/SINK, INACTIVE WD & REST OF STATE

> 0.24 cfs/5 acres

- 01M or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

RIVER BASINS: (*Surface water):

Snake R (01)

- 11A-P04, NA

(02/03-irr)

- 007-P07 (w/ remark *WB9 if above Weiser), NA

Boise R (63)

- 05A (if WD), 11E (not 42-111 use), NA

Payette R(65)

- *W22 (regulated uses), 047-P04 (Payette Lake), NA

USE:

Domestic surface

- *WB5 (Big Wood R or Boise R ↑ Star Bridge); 27A (Payette River); NA

>1 in rest. area

- 070-071- P53

Fish Propagation

- 07A-042 (req)-09E (WQ)-P10; 044 (N of 1000 Springs)

Irr ≤ 5 acres

- 057 (0.03 cfs/acre)

> 5 acres

- 03A (0.02 cfs/acre)

Mining

- 054 (req) & 09E-P10

Muni (in restricted areas)

- 022, 075, 004 (+memo?)

Power

- 17K-08A-025-01F(P19)-028-09E(P10); 027 (if no other cons. use);

17G (FERC) or 17M (FERC); 18B-P09; >25 cfs-P18

Storage (✓3 compo.)

- 080; 18A (in- & out-flow MD within district), 18B-P09 (>10' dam),

LOCATION:

42-248 area

- P84 in 20/30/40/50/60/70/80 (87) basin)

Boise Front LoGeo

- 058 (<85° GW temp only)

In-stream dev.

- P52 (stream channel alteration)

Irr Dist/Canal Co.

- 023 (Twin Falls area)

SWAN FALLS FLAG (See Code Chart)

Trust

- 051-052-053-P74 (Consumptive Uses), NA

Non-Trust (1)

- 048-049 (Consumptive Uses), NA

OWNERSHIP:

- 004 (PD/PU) residents

OTHER CONDITIONS:

STANDARD REMARKS:

- 0 PD 2 PU

BENEFICIAL USE DUE:

- 9/1/ 1999

COMMENTS:

Civil Survey Consultants, Inc.

Glenn K. Bennett, P.L.S.
President

Timothy A. Burgess, P.E.
Vice President

P.O. Box 39
1530 W. State Street
Meridian, Idaho 83680

(208)888-4312
Fax 888-0323

August 6, 1997

Cindy Zimmerman
Idaho Department of Water Resources
1301 North Orchard Street
P.O. Box 83720
Boise, Idaho 83720-0098

RECEIVED

AUG 07 1997

Department of Water Resources

Re: City of Kuna Application for Permit No. 63-12394

Dear Ms. Zimmerman:

In response to your July 31, 1997 letter I am enclosing the following:

1. Copy of Kuna's incorporation documentation.
2. Municipal Water System Service Area Map.
3. Preliminary Engineering Report.

The City of Kuna's current water system service area is the existing city limits.

The City of Kuna's "Planning Horizon" is to provide potable water service for a design population of approximately 6,484 people. The current system is designed to service approximately 4,284 people. As of July 31, 1997 the estimated population of Kuna is 3,764 people and increasing at an annual rate of 15%-17%. We anticipate the capacity provided by this well will be utilized within the next 4 to 7 years at current growth rates. The enclosed Preliminary Engineering Report provides additional information regarding the need for this well.

I hope this information answers your 7/31/97 questions. If not please call me.

Sincerely,



Tim Burgess, P.E.

enc.

cc City of Kuna

RECORDED

SEP 11 1997

4:33:12 pm Thursday August 7, 1997

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* *
 * 1* * Corporation Master Record
 * 2*
 * 3* File # C 44775 GOODSTANDING 09/15/1915 Batch:
 * 4* MUNICIPAL CORPORATION 0 Cur F
 * 5* CITY OF KUNA
 * 6*
 * 7* Date of Filing: 09/15/1915
 * 8* State: IDAHO 0 0.000 0
 * 9*
 * 10* MUNICIPALITY
 * 1*
 * 2* MAILING ADDRESS REGISTERED AGENT { CURRENT }
 * 3*
 * 4* MUNICIPAL CORPORATION ! CITY COUNCIL
 * 5* CITY HALL ! CITY HALL
 * 6*
 * 7* KUNA ID 83634 0000 ! KUNA ID 83634 00
 * 8* ! Appt: 09/15/1915 Res:
 * 9*
 * 20* 1 CURRENT OFFI
 * 1*
 * 2* 1) AR Disp /Prt 10) List Officers 13) DBA /Phonetic 31) O
 * 3* 2) List AR's 5) Next Officer 11) Stock Info 14) Amendments 16) R
 * 4* 3) Disp Art. /Prt 12) Comments 15) Status Hist /
 * *
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 **** 12345678901234567890123456789012345678901234567890123456789012345

SEP 11 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

MEMORANDUM

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

DATE: July 23, 1997
TO: Bill Freeman, D.E.Q.
FROM: Mark Slifka, Manager, IDWR
RE: CITY OF KUNA. Well #5 Drilling Permit #63-97-W-455-000, WATER RIGHT # 63-12394. T2N R1W SEC.22 NWSE

Dear Mr. Freeman:

We have reviewed the City of Kuna proposal, and offer the following comments.

The drilling permit(#63-97-W-455-000) and water right (#63-12394) shall be approved prior to the start of construction for the production well and any test wells or temporary wells which would be used to supply water for the drilling process.

The proposal as described in the drilling prospectus is to put in a well with a total depth of 500 ft. Eighteen inch .375" wall casing will extend from surface to 325 ft. A seal of high solids bentonite grout >30% will be utilized for the annular seal, and will be placed from the bottom up by tremie. A ten inch .365" wall headpipe and tailpipe will be attached to ten inch 304 stainless steel screen with a filter pack will extend below the 325 ft. level. The method of placement for the screen may entail the use of 16" temporary casing which would be pulled back with placement of the filter pack. It is anticipated that multiple screened sections with blank pipe sections with specifications as above. A packer will be placed between the 10 and 18" casing.

The following conditions (either confirming or in addition to the proposal) will be applied to a permit describing the above.

The deepest casing string,(18 inch production casing) shall be sealed by the method described above for its total length with a high solids (>30% plus) bentonite grout into the most substantial aquitard at the 300 to 350 ft. depth, or the aquitard above the uppermost open interval. In either case, the screened, perforated, filter packed or otherwise open and commingled strata shall not exceed 35% of the total well depth as measured from the bottom of the actual drilled depth.. If however through geophysical logging or other methods of evaluation it can be demonstrated that the aquifers to be produced from are under similar hydraulic head and quality, this may be waived and a greater open (screened section) may be approved. Should one of these aquifers become less desirable all of the produced from aquifers will not be compromised.

The annular space for a tremie placement seal shall be 2 inches, or a bore of 22" will be drilled for a casing with an O.D. of 18". If another seal material or sealing procedure is utilized, it shall be approved by the department of water resources..

If the bentonite grout does not circulate back to the surface, perforation and squeezing or some other means of placement will be utilized to ensure a full length seal.

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SEP 11 1997

If this well is abandoned or if this is a replacement well with the abandonment of the original well, the abandonment proposal will be approved by the department of water resources before being undertaken.

If an annular slurry seal of bentonite is to be utilized, a high (>30%) solids bentonite shall be pumped from the bottom up to land surface. The bentonite shall not contain chemical polymers which effect long term stability of the seal (and are often found in drilling fluid grade bentonite) but shall be a bentonite which has been specifically recommended by the manufacturer for use as a seal material in water wells. C03

A 50% excess of seal material shall be on hand in the event of lost circulation. If the seal material does not make it back to the surface, tremie or perforation and squeezing is to commence at the top of the tagged seal position and will continue until returns reach the surface or the department is satisfied that aquifers are sufficiently isolated and/or protected from waste and contamination. C05

A caliper log may be run for determining the volume of seal material to be placed with an additional 25% on site ready for placement.

The project engineer or geologist will be on site during seal placement should any peculiarities arise which require further evaluation. Any alteration of the proposed or herein modified well construction procedure shall be approved by the Department before they are undertaken. C06

If after the commencement of drilling a construction problem develops, another means of seal placement or seal material may be approved after the Department has had an opportunity to review proposed changes. A 24 hour review period will be provided for department personnel should said changes become necessary. C07

Drilling fluids shall be mixed with water which meets or exceeds drinking water standards. C11

The screened, perforated, filter packed or otherwise open and commingled strata which are to be produced from, shall be of similar hydraulic head, temperature and quality. If there are notable variations encountered as the well is drilled and/or developed, the Department will be notified for evaluation. C12

If an annular seal of bentonite is to be utilized, it shall be a high solids (>30%) bentonite. The bentonite shall not contain chemical polymers which effect long term stability of the seal and are often found in drilling fluid grade bentonite, but rather will be specifically recommended by the manufacturer for use as a seal in the construction or abandonment of water wells. C13

If the supply line is connected to the pump column below ground level, a pitless device will be utilized which provides a water tight seal through the casing. The pitless will be tested according to the means described by the U.S.EPA manual EPA-430/9-74-007. The test will be run in the presence of the engineer designing the surface distribution of the system. C17

Reference drilling specifications of the American Water Works Association Standard for Water Wells (ANSI/AWWA A100-90) and the Recommended Standards For Water Works (Greater Lakes Upper Mississippi River Board of States Public Health & Environmental Manager 1992). C18

The construction location of this well will be at a site approved by the Division of Environmental Quality. C19

Centralizers shall be located no more than 60' apart the entire length of all strings of casing placed in the well. Excepting those <60' in length. T02

The owner, operator or contractor will notify the Department of Water Resources at the time drilling commences on this well, if that date is not the same as specified on this permit. Also notification will be made to the Department 12 hours prior to the anticipated time of placement of casing and seal within this well so a Department representative may be on site. T03

Injection, flow or pumping tests require 5 working days prior approval by the Director. T13

If 4.5 cfs (2019gpm) is anticipated for the production rate, test pumping shall be at that rate up to 1.25 times the rate or 5.62 cfs (2523 gpm) for 6 hrs after stabilized drawdown.

Disinfection of the well shall follow ANSI/AWWA C654-87 Standard shall be done while drilling equipment is still on site.

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SEP 11 1987

After development and aquifer testing fifteen minutes after a pumping sequence, the sand content of the well shall not be more than 5 ppm.

The 18" casing shall have a wall thickness of not less than .375" with a weight per ft. of 70.59 lbs per ft. with the 10" casing having a wall thickness of not less than .365" with a weight per ft. of 40.48 lbs per ft.

UNRECORDED
SEP 11 1987



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1445 North Orchard, Boise, ID 83706-2239, (208) 373-0550

RECEIVED

APR 11 1997

Department of Water Resources

Philip E. Batt, Governor

April 10, 1997

Honorable Willard G. Nelson
Mayor, City of Kuna
PO Box 13
Kuna, ID 83634

RE: City of Kuna Well No. 5
Well Site Approval
Section 22, T2N, R1W, BM/Ada County

Dear Mayor Nelson:

Tim Burgess, P.E. has provided information to support the use of the referenced site for construction of a new public water system well. Based on the information provided and a field inspection made April 9, 1997, we are approving the well site per the *Idaho Rules for Public Drinking Water Systems (IRPDWS)*, Section 550.03.n, subject to the conditions listed below.

1. This approval is for the well site only. Construction of the well, pump house, and connection to the distribution system shall not begin until plans and specifications are approved by DEQ. Plans must show the *location* of facilities for disinfection and contact time, should that be required in the future (see Items 3 and 4). The actual design of facilities is not required at this time.

We may request the Idaho Department of Water Resources (IDWR) to review well design and drilling program, and to incorporate our requirements into the drilling permit.

2. Extensive monitoring is required prior to using a new source of water in a public water system. Requirements will be forwarded when well construction is approved.
3. We are required to classify all sources as "Ground Water," or "Ground Water Under the Direct Influence of surface water" (GWUDI). Your well will be located approximately 280 feet from Indian Creek, and slightly over 200 feet from an unlined irrigation ditch. Because these surface waters are within 500 feet of the well, we will require at least one MPA (microscopic particulate analysis) to test the well for microorganisms that are commonly found in surface water. The test must be run approximately 60 days after seasonal flow is established in Indian Creek, and the well must be pumped at or near the design flow rate. A sample will be collected over 24 hours. Steve Rae with this office will set up the equipment and collect the sample; however, you will be required to pay for the laboratory analysis, which is expected to cost approximately \$300. If surface water organisms are found, filtration and disinfection (including adequate contact time) must be provided. We will classify your source after this MPA test. For additional information, please contact Steve at 373-0162.

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SEP 11 1997

Mayor Greg Nelson
April 10, 1997
Page 2

4. We advise that future federal regulations could affect the design and operation of water systems using ground water sources:
- a. The proposed "Ground Water Disinfection Rule" will evaluate ground water sources (that are *not* under the direct influence of surface water) for vulnerability to microbial contamination. If a source is found to be vulnerable, you could be required to provide disinfection, including adequate contact time, prior to distribution to the first customer. Therefore, the layout and design of your facilities must include provision for an equivalent of 30 minutes of contact time with a minimum residual of 0.2 parts per million of free chlorine.
 - b. The proposed "Disinfectants-Disinfection By-Products Rule" will regulate certain compounds that are formed when disinfectants combine with certain naturally-occurring, organic constituents in water.

Both of these rules are still under development and are subject to change.

Please call me at 373-0166 if you have questions.

Sincerely,



Bill Freeman
Water Quality Engineering Specialist

- c: Steve Rae, DEQ-Boise Regional Office
Tim Burgess, Civil Survey Consultants
John Carlson, IDWR
Ed Squires, United Water Idaho
Source File #1: City of Kuna, Well No. 5 (New File)
Reading File

MICROFILMED

SEP 11 1997

Minute Book "I" Commissioners of Ada County, Idaho

159

REGULAR

Session, September 13th, 1915 A. D. 191

The Board met this day in regular session at 10 o'clock A.M., with all members present as follows:

Stephen Utter, Clerk.

Gus Carlson, Chairman
Wm Howell
M. B. Coffin

After the reading and approval of the minutes of previous session the following proceedings were had, to wit:

In the Matter of the)
Petition for the)
INCORPORATION of the)
VILLAGE OF KUNA)

In this matter the Board considered the Petition of the residents and tax-payers of the unincorporated Village of Kuna, for the incorporation of said Village, under the name of "The Village of Kuna", and it appearing to the Board that a majority of the tax-payers, residents of the District proposed to be incorporated, had signed said petition and that the said Village now contained more than 200 inhabitants, and came within all the statutory provisions for incorporated villages, granted said petition and declared the boundaries of such incorporated Village to be as follows:

Beginning at the Northeast corner of the Northwest quarter of the Southwest quarter of Section 24, Township 2 North, Range 1 West, running 7/8 miles west to the northwest corner of the East half of the Northeast quarter of the Southwest quarter of Section 23, thence South 1/2 mile to the southwest corner of the East half of the Northeast quarter of the Southwest quarter of Section 23, thence 5/8 miles west to the west section line of Section 23; thence South 1/2 mile along the East line of Sections 23 and 26 to the Southwest corner of the Northwest quarter of the Northwest quarter of Section 26, thence east 1 1/2 miles to the Southeast corner of the Northwest quarter of the Northwest quarter of Section 25, thence North 3/4 miles to point of beginning.

Thereupon the Board appointed the following named persons to be trustees of the Village of Kuna, to act as such until their successors are duly elected and qualified.

Victor Carlson
A. H. Christenson
J. W. Backdolt

J. C. Martin
C. H. Roque

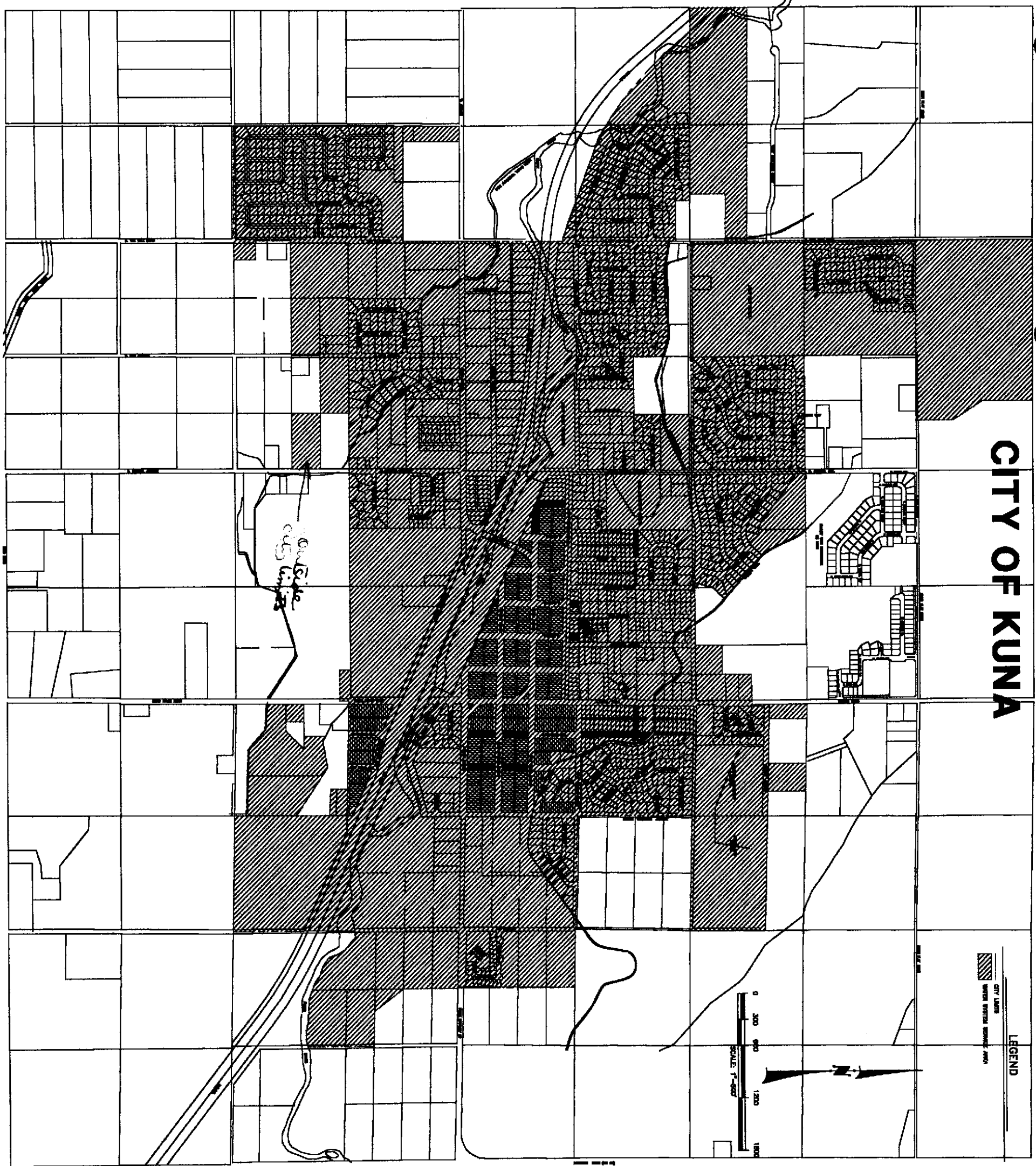
STATE OF IDAHO)
County of Ada) ss.

I hereby certify the above to be the true and correct copy of the Ada County Commissioners' Minutes of September 13, 1915, contained in Minute Book "I" at Page 159, records of Ada County Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 16th day of April, 1962.

Victor Carlson
Clerk of the Board of County
Commissioners, Ada County, Idaho

Aug-06-97 09:31A City of Kuna



CITY OF KUNA

LEGEND

CITY LIMITS
WATER SERVICE AREA

CITY OF KUNA
MUNICIPAL WATER SYSTEM
SERVICE AREA

CIVIL SURVEY CONSULTANTS, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS

P.O. BOX 38
1530 W. STATE STREET
MERIDIAN, IDAHO 83680
(208)888-4312

REVISIONS			PROJECT NO.
NO.	ITEM	DATE	84028
			DESIGNED
			TS/DC
			DRAWN
			TS/DC
			CHECKED
			APPROVED



PRELIMINARY ENGINEERING REPORT

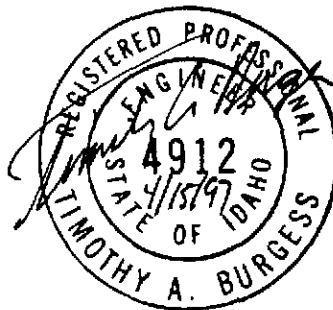
FOR
NEW POTABLE WATER WELL
AND
DISTRIBUTION SYSTEM EXPANSION

APRIL 1997

OWNER

CITY OF KUNA

329 W. THIRD STREET
P.O. BOX 13
KUNA, IDAHO 83634
(208)922-5546



PREPARED BY

CIVIL SURVEY CONSULTANTS, INC.

P.O. BOX 39
1530 WEST STATE STREET
MERIDIAN, IDAHO 83680
(208)888-4312

MODIFIED
SEP 11 1997

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**PRELIMINARY ENGINEERING REPORT
FOR
NEW POTABLE WATER WELL
AND
DISTRIBUTION SYSTEM UPGRADE**

1.0 GENERAL

In 1992 the Kuna City Council recognized that their community was growing and an expansion of city services would be needed in the near future. At that time they hired Toothman-Orton Engineering company to prepare a "Water System Master Plan" which provided the basis for the last upgrade constructed in 1993. The Master Plan also provided a basis for future upgrades. This Preliminary Engineering Report utilizes the Master Plan recommendations to the extent possible while fulfilling Rural Development's requirement that a Preliminary Engineering Report be prepared.

The City of Kuna is also upgrading their municipal wastewater treatment facility and expanding their sewage collection system concurrently with this project. Some of the required information is identical for both documents. Since the preliminary engineering report for the sewer upgrade was completed prior to this document information which is a duplication will be included by reference to the sewer system report.

The City of Kuna is experiencing a period of rapid growth. During the period of December 31, 1990 through December 31, 1996 Kuna's population has increased by over 75 percent from a population of 1955 people in 1990 to a population of 3437 people in 1996. This growth has used most of the reserve capacity available in the City's potable water system. Additionally, the City of Kuna has approved preliminary plats for residential subdivisions which, when completed, will add approximately 3200 additional people to Kuna. Therefore, the City of Kuna must increase their potable water supply to provide capacity to service these new people.

The last upgrade to Kuna's potable water system was completed in 1993. This upgrade increased capacity to service a population of approximately 4284 people. As of December 31, 1996 Kuna's resident population was estimated to be 3437 and growing at an annual rate of 17%. If this trend continues, the existing capacity of 4284 people will be reached within the next 18 months.

The proposed upgrade consists of two components; construction of a new potable water well; and expansion of the distribution system. A third element may be considered for this project which would include replacement of Booster Pump No. 1 at the Butler Booster Station. The following is a brief summary of each component:

New Potable Water Well

The existing water supply system consists of two wells, three storage reservoirs and two booster pump stations. As previously stated this system was designed to service a population of 4284

105-11-257

people and is capable of meeting the system demands during the peak 3 hours of the peak day with a 3000 gpm fire demand.

The new well will be designed to meet the demands of the peak 3 hours of the peak day for the addition of approximately 2200 people, which will match the capacity of the sanitary sewer system following its current upgrade. Based upon a peak hourly flow rate of 0.81 gpm per person the new well must have a minimum pumping rate of 1782 gpm.

The new well is proposed to have a maximum pumping rate of 2,020 gpm, (4.5 cfs) and pump directly into the distribution system. The well will be provided with a variable frequency drive (VFD) to allow pumping directly into the distribution system without creating surge pressure problems during starting and stopping the pump. The VFD will also allow flexibility in the pumping rates to optimize system performance. The well will be controlled by the radio telemetry system and will be added to the current booster pump station alternation cycle.

Distribution System Expansion

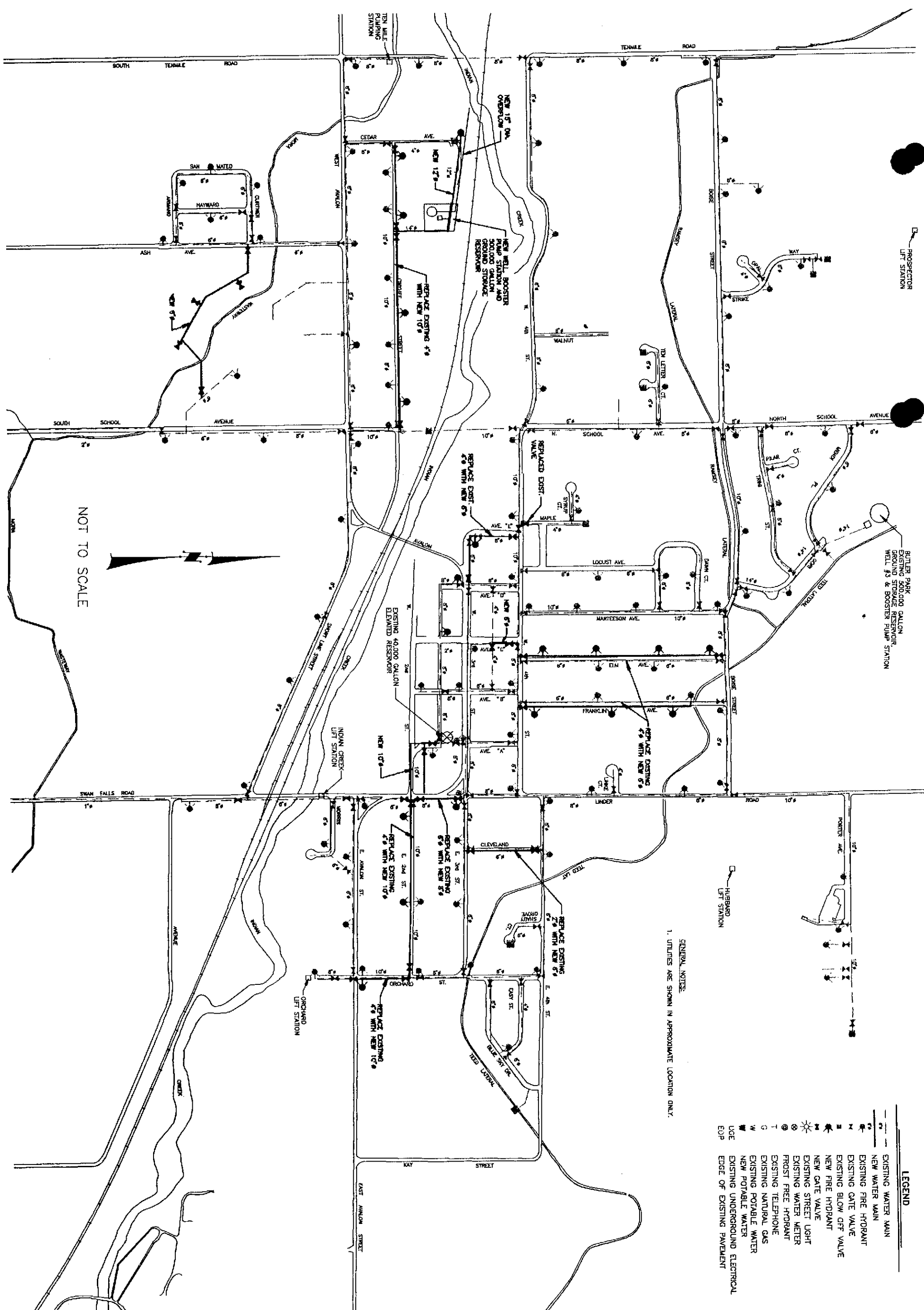
The Ada County Highway District is currently reconstructing School Avenue from 4th Street to Deer Flat Road. A portion of this project area did not have existing sewer or water lines installed to service existing homes fronting the roadway. The City of Kuna has constructed water mains, and service stubs to each of the existing homes in the areas where none previously existed. The cost of these improvements is included in this project.

There is an area on S. School Avenue which has several homes (some inside and some outside the city limits) serviced by an undersized 2" water line installed years ago. The City has agreed to upgrade this line as part of a recent annexation to the City.

The City also wishes to develop new jobs in Kuna. There has been interest from several businesses to move to the industrial area south of Indian Creek and east of Swan Falls Road. There are currently no sewer or water services to the industrial area. The lack of services has prevented new businesses from locating in Kuna's industrial area. Therefore, in an effort to develop new business in this industrial area the City is proposing to construct new water mains in Stage Coach Road and Swan Falls Road to bring city water service to the industrial area.

Butler Booster Pump

The small pump at the Butler Booster Station pumps at a rate of approximately 1,200 gpm. During peak days demand very nearly matches the 1,200 gpm pumping rate. This results in Booster No. 1 at the Butler station remaining on for extended periods of time causing extensive wear on an already old pump. Should funds be available, Booster No. 1 at the Butler Station will be replaced with a new booster pump identical to the booster pumps installed at the Cedar Booster Station.



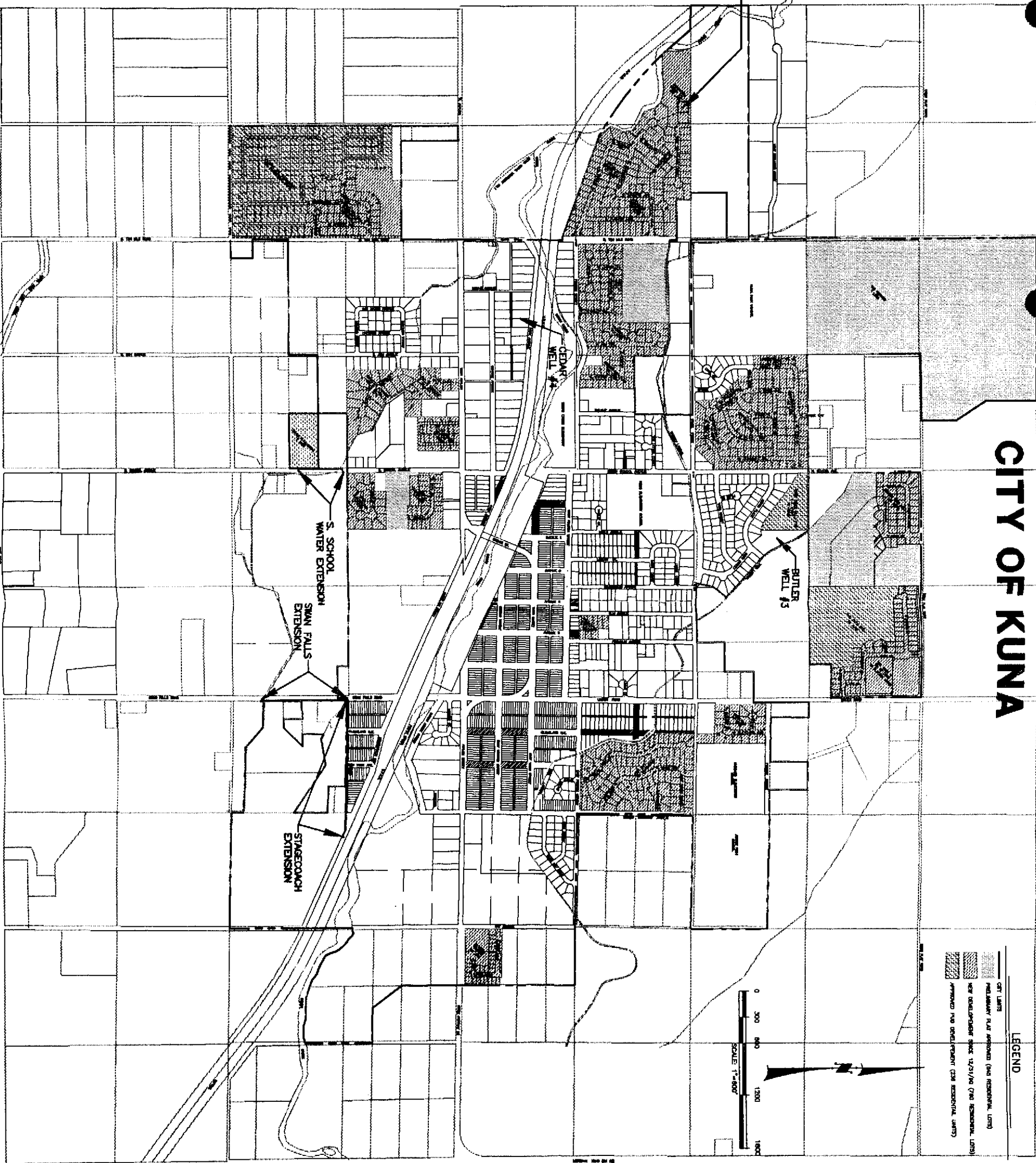
- LEGEND**
- EXISTING WATER MAIN
 - NEW WATER MAIN
 - EXISTING FIRE HYDRANT
 - EXISTING GATE VALVE
 - EXISTING BLOW OFF VALVE
 - NEW FIRE HYDRANT
 - NEW GATE VALVE
 - EXISTING STREET LIGHT
 - EXISTING WATER METER
 - FROST FREE HYDRANT
 - EXISTING TELEPHONE
 - EXISTING NATURAL GAS
 - EXISTING POTABLE WATER
 - NEW POTABLE WATER
 - EXISTING UNDERGROUND ELECTRICAL
 - EDGE OF EXISTING PAVEMENT
 - LOE
 - EOB

GENERAL NOTE:
1. UTILITIES ARE SHOWN IN APPROXIMATE LOCATION ONLY.

CITY OF KUNA WATER SYSTEM IMPROVEMENT PROJECT LOCATION MAP	TOOTHMAN-ORTON ENGINEERING COMPANY CONSULTING ENGINEERS, SURVEYORS AND PLANNERS 1802 NORTH 33RD STREET BOISE, IDAHO 83703 (208) 342-0511	REVISIONS		E-FILE NAME	
		NO.	DATE	FILE NAME	DATE
		1	1/6/94	DESIGNED	
				CHKD	
				APPROVED	

DATE: JAN 1995
PROJECT: 99015
SHEET 1 OF 1

CITY OF KUNA



NEW KUNA CITY WELL #5
POINT OF DIVERSION
NW1/4 SE1/4 SEC 22
T2N, R1W, B1M

LEGEND

- CITY LIMITS
- PRELIMINARY FLOW APPROVED (200 RESIDENTIAL LOTS)
- APPROVED FLOW APPROVED (200 RESIDENTIAL LOTS)
- APPROVED FLOW APPROVED (200 RESIDENTIAL LOTS)

0 300 600 1200 1800
SCALE 1"=600'

FIGURE 2

2.0 PROJECT PLANNING AREA

Refer to the Preliminary Engineering Report for Wastewater Treatment Plant Upgrade and Collection system Expansion, March 1997.

3.0 EXISTING FACILITIES

A. Location

Figure 1 is a location map from the 1993 Operation and Maintenance Manual which shows the major water system components following completion of the 1993 upgrade project. There has been significant residential growth in Kuna since this upgrade for which no comprehensive map exists. Figure 2 is a location map prepared for this project which shows the location of the Butler Well #3 site, the Cedar Well #4 site and the proposed site for Well No. 5. Figure 2 also shows the limits of the S. School Avenue, and Industrial Area water line extensions.

B. History

The last upgrade to Kuna's potable water system was completed in 1993. This upgrade increased capacity to service a population of approximately 4284 people. It also upgraded the existing distribution system. All new development which has occurred since the last upgrade has been required to install distribution system expansions to service their development. Therefore this upgrade must only provide additional capacity and provide service to areas which currently have no service.

Following completion of the 1992 Master Plan the city recognized the need to eliminate irrigation demands from the potable water system. Elimination of the irrigation demands for one home adds capacity back to the potable system for between three and four homes. In order to accomplish this goal the city passed an ordinance requiring all new residential subdivisions to install separate pressure irrigation systems. The city also hired Civil Survey Consultants to prepare a Master Plan for a city wide pressure irrigation system. Kuna is currently in the process of developing the financing required to implement the recommendations of the irrigation master plan. Future potable water system upgrades will be provided by removing irrigation demands from the potable system.

C. Condition of Facilities

The 1993 upgrade brought most of Kuna's potable system up to date. Two problem areas are known to exist. Booster Pump No. 1 at the Butler station is undersized and needs to be replaced with a pump which matches the capacity of the Cedar Pump Station. The lower flanges of the roof beams in the Butler Ground Storage Reservoir are badly corroded. While there is no immediate threat of the beams failing they should be inspected annually and replaced before they become a threat. No other known problems exist today.

Table 1
City of Kuna
Municipal Water System
Annual Operating Expense and Revenues
FY 1994 Through FY 1996

Expense Category	1994	1995	1996
Salaries & Benefits			
Water Lead Man	\$16,114.59	\$17,757.67	\$23,586.94
Deputy Clerk	\$4,302.22	\$9,465.04	\$8,972.00
Public Works Director	\$9,946.24	\$10,028.03	\$16,216.51
Maintenance Worker	\$3,958.13	\$6,531.75	\$8,807.40
Security / Maintenance	\$0.00	\$5,929.25	\$7,134.40
Summer Maintenance Worker	\$0.00	\$1,365.00	\$5,377.09
Overtime	\$0.00	\$0.00	\$0.00
FICA Expense	\$2,042.07	\$3,252.98	\$4,021.05
Medicare Expense	\$477.71	\$760.80	\$940.08
PERSI Expense	\$3,198.03	\$6,018.64	\$13,078.35
Employee Insurance Expense	\$4,912.12	\$6,633.71	\$8,440.96
Workman's Compensation	\$2,370.72	\$1,193.10	\$1,267.31
Life Insurance	\$116.57	\$185.75	\$188.80
Dental & Vision Insurance	\$0.00	\$0.00	\$0.00
Subtotal Salaries & Benefits	\$47,438.40	\$69,121.72	\$98,030.89
Maintenance & Operation			
Radio Rental	\$643.50	\$714.00	\$730.00
Postage & Billing	\$1,139.44	\$1,248.28	\$1,917.34
School Expense	\$30.00	\$270.00	\$598.99
Telephone	\$583.04	\$600.74	(\$14,818.87)
Annual bond Payment	\$41,400.00	\$101,451.00	\$41,100.00
Contingency fund	\$0.00	\$0.00	\$66,201.00
Annual Audit	\$683.33	\$700.00	\$700.00
Insurance Liability & Property	\$2,985.67	\$2,613.50	\$2,674.00
Water Line M & R	\$48,906.45	\$44,026.37	\$59,281.77
Capital improvements	(\$1,918.51)	\$16,395.02	\$26,533.34
Legal Expense	\$0.00	\$0.00	\$0.00
Vehicle Maintenance & Repair	\$1,120.73	\$1,087.55	\$938.76
Miscellaneous Expense	\$387.60	\$810.32	\$868.07
Tools & Equipment	\$536.03	\$391.88	\$1,164.17
Deposit Refunds	\$7,545.64	\$10,152.28	\$18,632.25
Gasoline Expense	\$760.68	\$919.58	\$1,879.98
Depreciation	\$0.00	\$0.00	\$0.00
Dig Line	\$0.00	\$342.60	\$287.40
Uniforms	\$74.83	\$56.90	\$346.80
Equipment Maintenance	\$913.45	\$497.00	\$202.63
DEQ Assessment Fee	\$2,775.63	\$3,027.96	\$4,500.00
Unemployment	\$0.00	\$0.00	\$222.03
Subtotal Maintenance & Operation	\$108,567.51	\$185,304.99	\$213,959.66
Total Water Fund Expenses	\$156,005.91	\$254,426.71	\$311,990.55

Revenue Category	1994	1995	1996
Water Sales	\$202,226.27	\$220,530.34	\$250,680.94
Water Deposits	\$10,284.00	\$16,204.00	\$19,062.25
Hook Up Fees	\$65,715.00	\$148,680.00	\$137,340.00
Turn On Fees	\$350.00	\$840.00	\$607.60
In Lieu of Irrigation Water	\$0.00	\$8,400.00	\$0.00
Miscellaneous Income	\$200.00	\$186.00	\$1,645.00
Investment Interest	\$11,340.27	\$26,713.86	\$33,383.88
Reserve Investment Interest	(\$325.28)	\$0.00	\$0.00
Total Water Fund Revenue	\$289,790.26	\$421,554.20	\$442,719.67

Water Fund Surplus (Deficit) **	\$133,784.35	\$167,127.49	\$130,729.12
Surplus (Deficit) without Hook Up Fees	\$68,069.35	\$18,447.49	(\$6,610.88)

** Water Fund Surplus is primarily due to the \$ 945.00 connection fee which is being retained in a contingency fund to finance upgrade projects.

D. Financial Status

Table 1 summarizes the annual operating expenses and revenue for fiscal years 1994, 1995 and 1996. This information shows that the system is being operated with significant revenue. This revenue is due to the connection fees collected from each new home. Each new Equivalent Single Family Connection (ESFC) is charged a connection fee of \$ 945 which is placed in a contingency account. This contingency account was established to finance system upgrades.

The city is currently considering reducing the water system connection fees and implementing a pressure irrigation connection fee. The current proposal is for a \$500 water system connection fee and \$445 pressure system connection fee.

With the exception of senior citizens, the City of Kuna does not distinguish between types of users, and charges based upon metered water use. The current rate is \$16.00 for the first 20,000 gallons of water used and \$0.65 per 1000 gallons over 20,000. For senior citizens the current rate is \$11.50 for the first 20,000 gallons. Individual meters are not installed on the new pressure irrigation lines which are connected to the potable system on an interim basis. Each new residence with a separate pressure irrigation line is charged \$75.00 annually for irrigation water. Table 2 is a summary of the distribution of the total ESFC.

Table 2
Distribution of Equivalent Single Family Connections
as of 12/31/96

Type of Connection	Number of Connections	Number of ESFC's
Church	8	8
Commercial	30	30
Public Services	4	4
Residential	1,215	1,215
Schools	6	34
Total	1,263	1,291

Based upon the audit prepared by Bailey & Company of the city for fiscal year 1996 the water system had notes payable of \$ 1,431,557 and a reserve fund of \$111,665 invested in the State Investment Pool as of September 30, 1996, which is the end of the fiscal year. The notes payable are the \$528,000 for the 1979 revenue bond and \$ 903,557 for the 1994 revenue bond. The city also had \$202,892 in the reserve fund for the proposed upgrade project.

4.0 NEED FOR PROJECT

A. Health and Safety

The need for this project is not directly related to a health and safety issue. There are no current health or safety concerns associated with Kuna's potable water facilities. Kuna's subdivision

ordinance requires all new development to connect to the city water and sewer facilities. This requirement was established to eliminate individual wells within the Kuna city limits. Therefore, since it is a city requirement to connect to the city system, capacity must be provided to accommodate new growth approved by the city.

B. System O & M

The need for this project is not related to an operation and maintenance issue. There are no significant O & M problems associated with the existing facility. The only O & M concern is the Booster Pump No. 1 at the Butler Pump Station. Since replacement of this pump was not in the original project description it will only be done if the original budget allows.

C. Growth

This upgrade is to provide additional capacity for new growth. The capacity provided is established by the proposed sewer system capacity. The Preliminary Engineering Report for the sewer system upgrade indicates the completed sewage treatment plant expansion will provide capacity for approximately 6,483 people. The water system expansion is proposed to provide capacity for the same population. The upgrade completed in 1993 provided capacity for 4,284 people. Therefore this upgrade must provide capacity for at least 2,199 additional people, or 733 additional single family connections.

5.0 ALTERNATIVES CONSIDERED

Two alternatives were considered for the project. The preferred alternative was to develop a surface water supply for the pressure irrigation system and connect as many new homes as possible to the separate pressure irrigation system. Due to financing restrictions the City could not utilize the funds currently on hand for the pressure irrigation system. The second alternative was to construct a new supply well with the water system funds currently on hand. There are no alternatives to the proposed distribution system expansion.

6.0 PROPOSED PROJECT

The proposed project consists of two components; construction of a new well and expansion of the distribution system.

A. Project Design

1.0 Well No. 5

The 1992 water system master plan utilized the information presented in Table 3 for a basis for the 1993 upgrade. Table 4 provides a summary of water usage for calendar year 1995, Table 5 provides a summary of water usage for calendar year 1996. Table 6 compares the information shown in Table 3, Table 4 and Table 5 on a per person basis.

Table 3
1992 Water System Master Plan
Model Parameters

Flow Requirements	Year 1990	Year 2000	Year 2010
Base* Average Monthly (Gallons)	6,520,000	9,640,000	14,300,000
Base* Average Daily (Gallons)	216,000	319,000	474,000
Base* Average Daily (gpm)	150	222	329
Base* Maximum Hourly (gpm)	261	385	573
Peak** Average Monthly (Gallons)	23,600,000	34,900,000	51,700,000
Peak** Average Daily (Gallons)	1,300,000	1,920,000	2,850,000
Peak** Average Daily (gpm)	903	1,333	1,979
Peak Maximum Hourly (gpm)	1,571	2,320	3,444

Population	1,955	2,894	4,284
Equivalent Single Family Connections	797	1,180	1,746

* Base flows exclude irrigation demands.

** Peak flows include irrigation demands

Table 4
Kuna Water Production
1995 Monthly Summary

Month	Cedar Booster Station		Butler Booster Station		Combined Total	
	Booster Pumps	Well No. 4	Booster Pumps	Well No. 3	Booster Pumps	Well Pumps
January	3,901,000	3,621,000	3,652,000	2,609,000	7,553,000	6,230,000
February	1,269,000	1,683,000	5,906,000	4,203,000	7,175,000	5,886,000
March	2,345,000	2,477,000	5,480,000	3,965,000	7,825,000	6,442,000
April	5,144,000	5,163,000	1,613,000	791,000	6,757,000	5,954,000
May	8,908,000	8,846,000	4,154,000	5,416,000	13,062,000	14,262,000
June	12,696,000	12,683,000	15,127,000	15,563,000	27,823,000	28,246,000
July	14,593,000	15,074,000	22,265,000	22,937,000	36,858,000	38,011,000
August	10,665,000	10,164,000	26,368,000	27,577,000	37,033,000	37,741,000
September	1,493,000	1,496,000	25,399,000	26,265,000	26,892,000	27,761,000
October	7,007,000	6,917,000	7,081,000	6,881,000	14,088,000	13,798,000
November	4,297,000	4,417,000	4,174,000	4,098,000	8,471,000	8,515,000
December	4,202,000	4,319,000	4,138,000	4,198,000	8,340,000	8,517,000
Total	76,520,000	76,860,000	125,357,000	124,503,000	201,877,000	201,363,000
12 Mo Avg.	6,376,667	6,405,000	10,446,417	10,375,250	16,823,083	16,780,250
Nov-Feb Avg. (Base)	3,417,250	3,510,000	4,467,500	3,777,000	7,884,750	7,287,000
Mar-Oct Avg.	7,856,375	7,852,500	13,435,875	13,674,375	21,292,250	21,526,875
Annual Avg. Daily (gal)	209,644	210,575	343,444	341,104	553,088	551,679
Annual Avg. Daily (gpm)	146	146	239	237	384	383
Base Avg. Daily (gal)	110,234	113,226	144,113	121,839	254,347	235,065
Base Avg. Daily (gpm)	77	79	100	85	177	163
Peak Avg. Daily (gal)	344,032	327,871	850,581	889,581	1,194,613	1,217,452
Peak Avg. Daily (gpm)	239	228	591	618	830	845
Peak Day - August (gal)					1,653,000	1,693,000
Peak Day - August (gpm)					1,148	1,176

Table 5
Kuna Water Production
1996 Monthly Summary

Month	Cedar Booster Station		Butler Booster Station		Combined Total	
	Booster Pumps	Well No. 4	Booster Pumps	Well No. 3	Booster Pumps	Well Pumps
January	3,971,000	3,790,000	4,819,000	4,908,000	8,790,000	8,698,000
February	4,292,000	4,151,000	4,131,000	4,307,000	8,423,000	8,458,000
March	4,547,000	4,560,000	4,312,000	4,333,000	8,859,000	8,893,000
April	8,954,000	9,023,000	2,253,000	2,080,000	11,207,000	11,103,000
May	15,655,000	15,366,000	5,028,000	5,854,000	20,683,000	21,220,000
June	21,329,000	20,215,000	17,246,000	17,905,000	38,575,000	38,120,000
July	14,501,000	14,301,000	35,143,000	35,635,000	49,644,000	49,936,000
August	23,722,000	23,506,000	18,500,000	19,512,000	42,222,000	43,018,000
September	26,738,000	26,585,000	1,537,000	2,059,000	28,275,000	28,644,000
October	12,356,000	12,387,000	6,688,000	6,705,000	19,044,000	19,092,000
November	8,391,000	8,236,000	0	0	8,391,000	8,236,000
December	6,132,000	5,953,000	3,148,000	3,301,000	9,280,000	9,254,000
Total	150,588,000	148,073,000	102,805,000	106,599,000	253,393,000	254,672,000
12 Mo Avg.	12,549,000	12,339,417	8,567,083	8,883,250	21,116,083	21,222,667
Nov-Feb Avg. (Base)	5,696,500	5,532,500	3,024,500	3,129,000	8,721,000	8,661,500
Mar-Oct Avg.	15,975,250	15,742,875	11,338,375	11,760,375	27,313,625	27,503,250
Annual Avg. Daily (gal)	412,570	405,679	281,658	292,052	694,227	697,732
Annual Avg. Daily (gpm)	287	282	196	203	482	485
Base Avg. Daily (gal)	183,758	178,468	97,565	100,935	281,323	279,403
Base Avg. Daily (gpm)	128	124	68	70	195	194
Peak Avg. Daily (gal)	765,226	758,258	596,774	629,419	1,362,000	1,387,677
Peak Avg. Daily (gpm)	531	527	414	437	946	964
Peak Day - July (gal)					2,291,000	2,092,000
Peak Day - July (gpm)					1,591	1,453

Table 6
Design Flow Data
(Per Person)

Flow Requirements	Master Plan	1995	1996
Base* Average Monthly (Gallons)	3,335	2,902	2,736
Base* Average Daily (Gallons)	111	94	88
Base* Average Daily (gpm)	0.077	0.065	0.061
Base* Maximum Hourly (gpm)	0.134	0.113	0.106
Peak** Average Monthly (Gallons)	12,072	7,837	8,570
Peak** Average Daily (Gallons)	665	439	427
Peak** Average Daily (gpm)	0.462	0.422	0.499
Peak Maximum Hourly (gpm)	0.804	0.734	0.805

Population	1,955	2,717	3,187
Equivalent Single Family Connections	797	***1,051	***1,208

* Base flows exclude irrigation demands.

** Peak flows include irrigation demands.

*** Annual average based upon 1/11/97 summary letter prepared by Civil Survey Consultants.

Based upon actual water use in 1995 and 1996 it appears that the figures in the master plan are conservative. The peak hourly flow rate of 0.804 gpm/person appears to be accurate based upon the actual flows recorded in 1995 and 1996.

The 1993 upgrade provided system capacity for 4,284 with a 3000 gpm fire during the peak three hours of the peak day. There has been no new construction which would create fire demands exceeding the 3000 gpm rate. Therefore, the new well needs to be sized to meet the peak hour demand of the new growth. Based upon the information shown in Table 6, a peak hour design rate of 0.804 gpm per person will be used. The new well must be sized to serve a minimum of 2,199 people to provide water system capacity equal to the sewer system capacity. Therefore the minimum continuous well pumping rate is as follows:

$$2,199 \text{ people} \times 0.804 \text{ gpm/person} = 1,768 \text{ gpm}$$

The city has applied for a permit to drill a well with a maximum diversion rate of 2,020 gpm (4.5 cfs) with the Idaho Department of Water Resources.

Figure 3 is a vicinity map which shows the proposed site for Well No. 5 with respect to the surrounding residential development, future city park and proposed irrigation supply pond. Figure 4 is a map showing the proposed well lot.

2.0 Distribution System Expansion

The 1992 water system master plan established a future pipe size of 8-inch for South School Avenue and 12-inch for Swan Falls Road. No recommendation was made for Stagecoach Road.

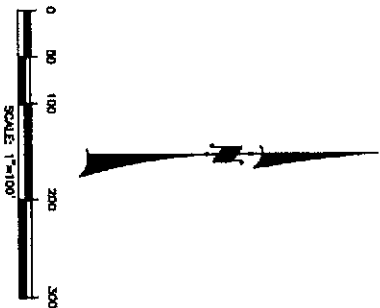


FIGURE 3

DATE: 4/14/97 DRAWING: WELL SITE PLAN JOB NO: 07008	CITY OF KUNA WATER SYTEM UPGRADE WELL NO. 5 VICINITY MAP		CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)888-4312		REVISIONS NO. ITEM DATE	PROJECT NO. DESIGNED DRAWN CHECKED APPROVED	

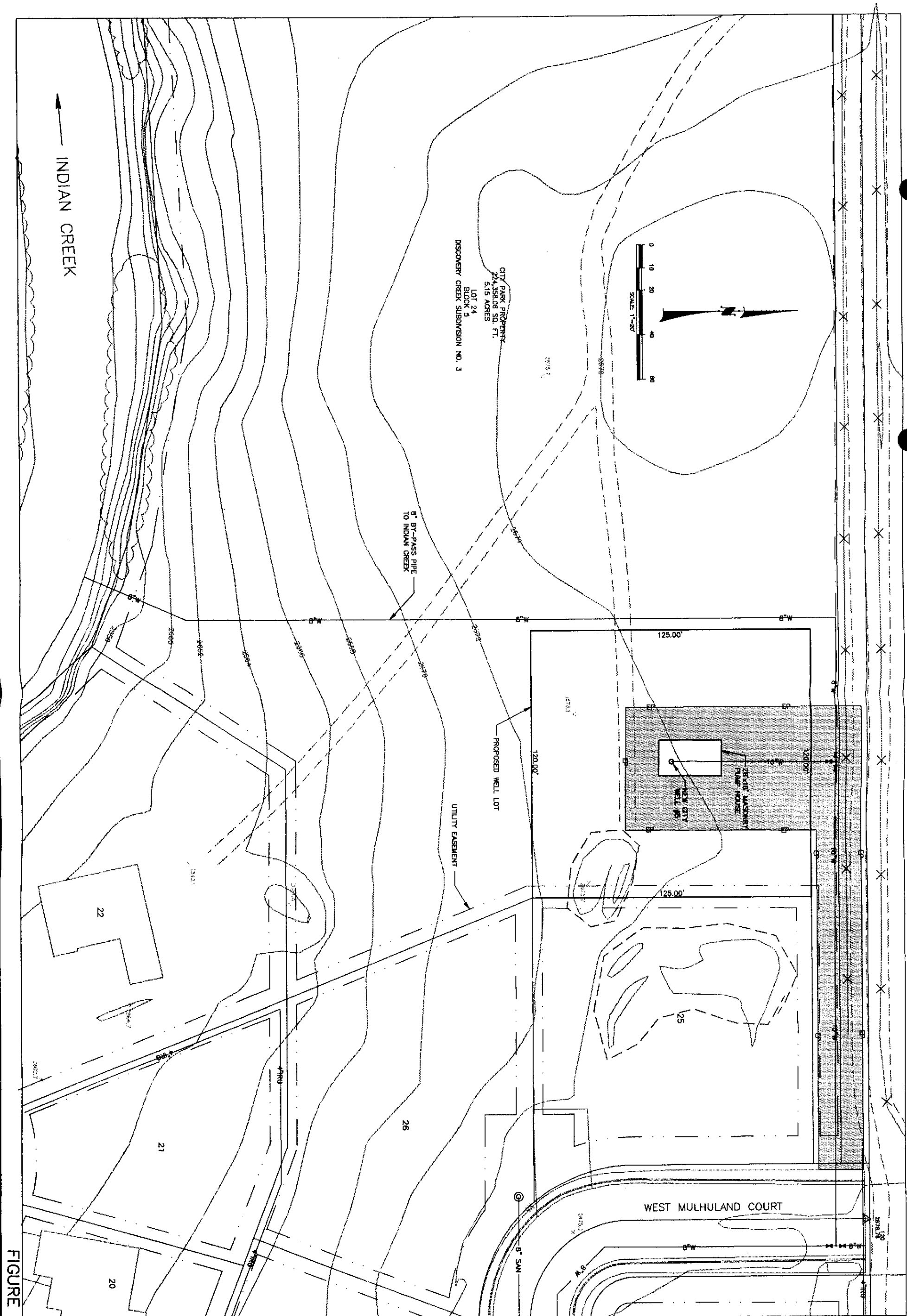


FIGURE 4

CITY OF KUNA WATER SYTEM UPGRADE WELL NO. 5 SITE MAP		CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)888-4312		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>ITEM</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	REVISIONS		NO.	ITEM											<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>PROJECT NO.</th> </tr> <tr> <td> </td> <td>DESIGNED</td> </tr> <tr> <td> </td> <td>DRAWN</td> </tr> <tr> <td> </td> <td>CHECKED</td> </tr> <tr> <td> </td> <td>APPROVED</td> </tr> </table>	DATE	PROJECT NO.		DESIGNED		DRAWN		CHECKED		APPROVED	
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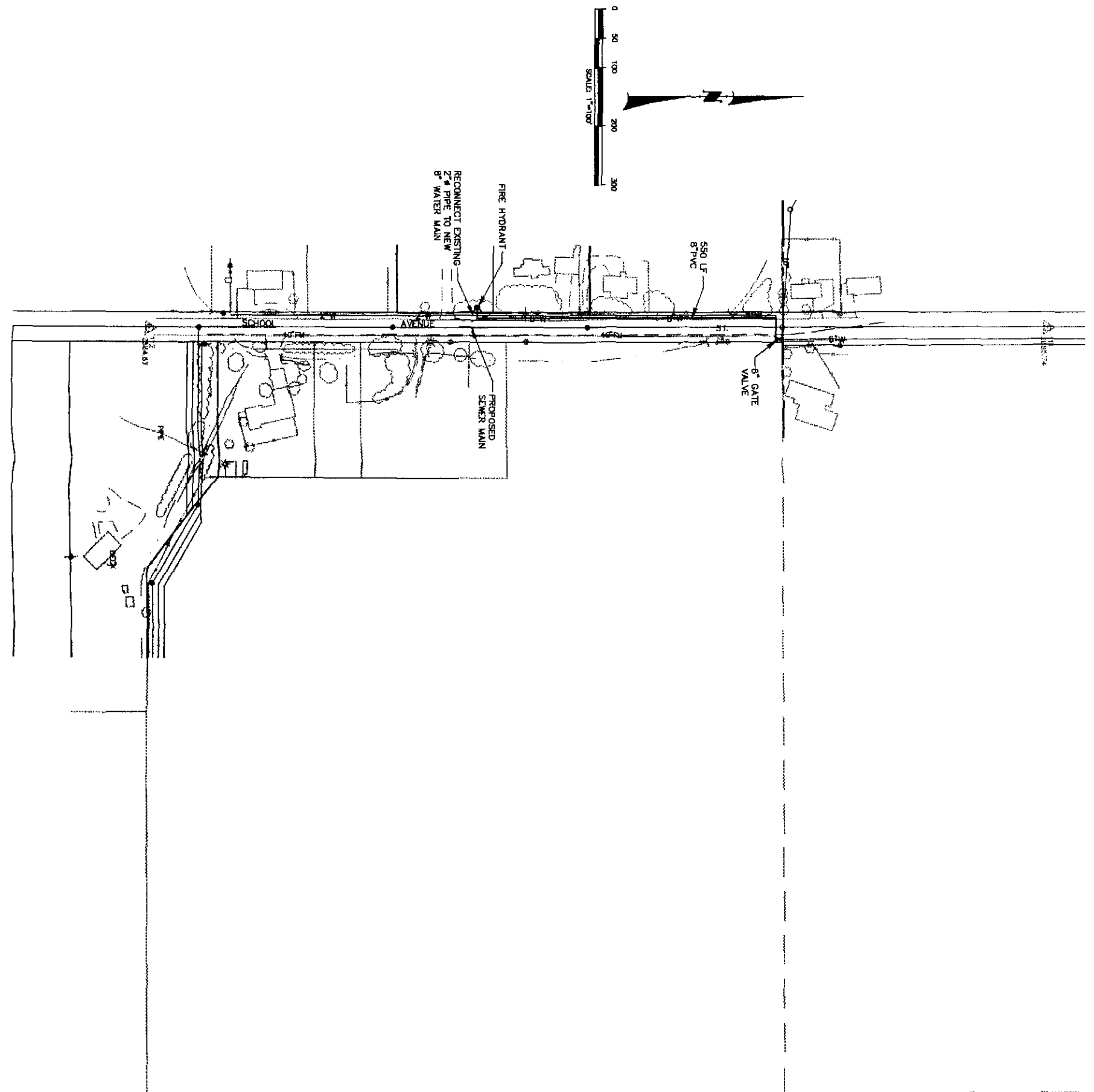


FIGURE 5

DATE: 7/14/97 DRAWING: PRELIMINARY JOB NO: 87008	CITY OF KUNA WATER SYSTEM UPGRADE		CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)888-4312	REVISIONS NO. ITEM DATE		PROJECT NO.	
	SOUTH SCHOOL AVE. EXTENSION					DESIGNED	
						DRAWN	
						CHECKED	
						APPROVED	

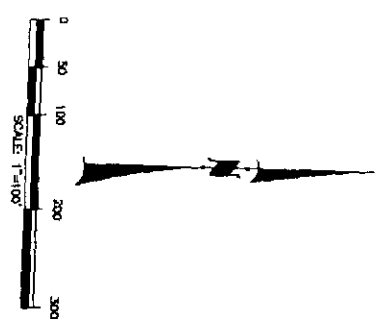
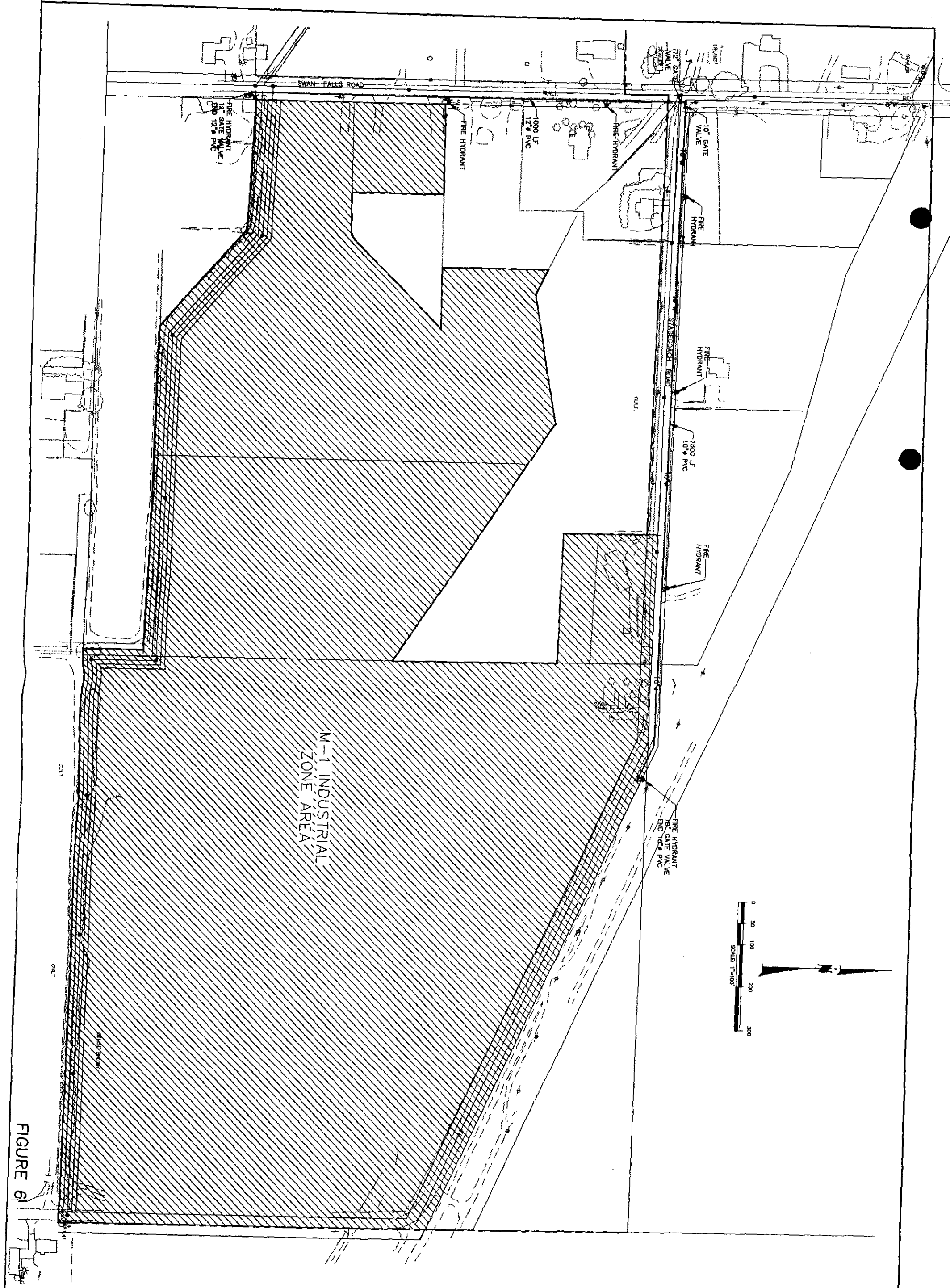


FIGURE 6

CITY OF KUNA WATER SYSTEM UPGRADE INDUSTRIAL PARK EXTENSION		CIVIL SURVEY CONSULTANTS, INC. CONSULTING ENGINEERS AND LAND SURVEYORS P.O. BOX 39 1530 W. STATE STREET MERIDIAN, IDAHO 83680 (208)888-4312		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">REVISIONS</th> <th>PROJECT NO.</th> </tr> <tr> <th>NO.</th> <th>ITEM</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		REVISIONS		PROJECT NO.	NO.	ITEM	DATE																												<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">PROJECT NO.</th> </tr> <tr> <td>DESIGNED</td> <td> </td> </tr> <tr> <td>DRAWN</td> <td> </td> </tr> <tr> <td>CHECKED</td> <td> </td> </tr> <tr> <td>APPROVED</td> <td> </td> </tr> </table>		PROJECT NO.		DESIGNED		DRAWN		CHECKED		APPROVED	
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DATE: 6/14/97 DRAWING: PRELIMINARY JOB NO: 87008 SHEET 5 OF 5																																																		

Consistent with the master plan recommendations a 8-inch pipe is proposed for S. School Avenue, and a 12-inch pipe is proposed in Swan Falls Road. A 10-inch pipe is proposed in Stage Coach Road.

Figure 5 is a preliminary plan for the S. School Avenue extension. Figure 6 is a preliminary plan for the industrial park extension

B. Cost Estimates

Table 7 is an itemized construction cost estimate for Well No. 5. Table 8 is a construction cost summary for the water improvements constructed in N. School Avenue. Table 9 is a construction cost estimate for the proposed extension in S. School Avenue. Table 10 is a construction cost estimate for the proposed extension to the industrial park area. Table 11 is a cost summary for the complete project. Table 12 is a bonding cost comparison for the project.

Table 7
City of Kuna
Water System Expansion Project
New Well, Pumping Equipment and Building
Budget Cost Estimate

ITEM	UNIT	UNIT PRICE	QUANTITY	AMOUNT
New Well				
Well Surface Seal	LF	\$22.00	320	\$7,040.00
Well Drilling	LF	\$150.00	500	\$75,000.00
18" Permanent Casing	LF	\$37.00	328	\$12,136.00
16" Temporary Casing	LF	\$25.00	500	\$12,500.00
10" Well Screens	LF	\$120.00	80	\$9,600.00
10" Well Casing	LF	\$22.00	100	\$2,200.00
Gravel Pack	LF	\$12.00	180	\$2,160.00
Well Packer	LS	\$1,000.00	1	\$1,000.00
Plumbness and Alignment Test	LS	\$500.00	1	\$500.00
Aquifer Development	HR	\$150.00	40	\$6,000.00
Pump Test Equipment	LS	\$4,500.00	1	\$4,500.00
Pump Test	HR	\$125.00	32	\$4,000.00
Well Building & Pumping Equipment				
Site Grading	LS	\$2,000.00	1	\$2,000.00
12" Thick - 8" Minus Crushed Gravel	CY	\$6.00	340	\$2,040.00
4" Thick - 3/4" Minus Crushed Gravel	CY	\$12.00	128	\$1,536.00
2 1/2" Thick Asphalt Pavement Wheel Lines	SY	\$6.50	1,056	\$6,864.00
8" PVC Water Main	LF	\$23.50	405	\$9,517.50
10" PVC Water Main	LF	\$25.50	266	\$6,783.00
8" Gate Valve	EA	\$750.00	3	\$2,250.00
10" Gate Valve	EA	\$850.00	2	\$1,700.00
Vertical Turbine Pump and Motor	LS	\$24,000.00	1	\$24,000.00
Discharge Piping	LS	\$17,000.00	1	\$17,000.00
Pump House	LS	\$31,000.00	1	\$31,000.00
Electrical	LS	\$40,000.00	1	\$40,000.00
Heating & Ventillation	LS	\$10,000.00	1	\$10,000.00
Disinfect Well	LS	\$500.00	1	\$500.00
Total Estimated Construction				\$291,826.50

Contingency (10%) \$29,182.65

Total Project \$321,009.15

Table 8
City of Kuna Water Pipeline Improvements
N. School Avenue - Fourth Street To Deer Flat Road
ACHD Project No. 52060.0
As Constructed Costs

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Item Total
301.11.03	Type III - Trench Excavation Rock	19	CY	\$103.00	\$1,957.00
406.09.01a	6" PVC, AWWA C900, Class 150, Water Main	138	LF	\$26.85	\$3,705.30
406.09.01b	10" PVC, AWWA C900, Class 150, Water Main	425	LF	\$23.40	\$9,945.00
407.05.01a	6" Gate Valve, FLxMJ	7	EA	\$390.00	\$2,730.00
407.05.01b	10" Gate Valve, FLxMJ	2	EA	\$850.00	\$1,700.00
407.10.01	Fire Hydrant Assembly	5	EA	\$1,500.00	\$7,500.00
	20" Steel Casing Under Deer Flat Bridge	25	LF	\$88.00	\$2,200.00
	Total Construction				\$29,737.30

City Portion of Traffic Control	\$250.00
ACHD Administration	\$500.00

Total Construction Budget	\$30,487.30
---------------------------	-------------

Table 9
City of Kuna Water Pipeline Improvements
South School Avenue
Budget Cost Estimate

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Item Total
301.11.03	Type III - Trench Excavation Rock	70	CY	\$100.00	\$7,000.00
305.11.01	Type "P" Surface Repair	72	LF	\$10.00	\$720.00
406.09.01a	2" PVC, Schedule 40, Water Main	40	LF	\$10.00	\$400.00
406.09.01a	8" PVC, AWWA C900, Class 150, Water Main	450	LF	\$23.50	\$10,575.00
407.05.01a	2" Gate Valve	1	EA	\$100.00	\$100.00
407.05.01b	6" Gate Valve, FLxMJ	2	EA	\$400.00	\$800.00
407.10.01	Fire Hydrant Assembly	1	EA	\$1,500.00	\$1,500.00
409.10.01	Water Service Connection	3	EA	\$400.00	\$1,200.00
	ACHD Permit	1	LS	\$522.00	\$522.00
	Mora Wasteway Crossing	30	LF	\$150.00	\$4,500.00
	Total Estimated Construction				\$27,317.00

Contingency (10%) \$2,731.70

Total Construction Budget \$30,048.70

Table 10
City of Kuna Water Pipeline Improvements
Industrial Park Extension
Budget Cost Estimate

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Item Total
301.11.03	Type III - Trench Excavation Rock	200	CY	\$100.00	\$20,000.00
305.11.01	Type P Surface Restoration	500	LF	\$10.00	\$5,000.00
406.09.01b	10" PVC, AWWA C900, Class 150, Water Main	1,600	LF	\$25.50	\$40,800.00
406.09.01c	12" PVC, AWWA C900, Class 150, Water Main	1,000	LF	\$30.00	\$30,000.00
407.05.01a	6" Gate Valve, FLxMJ	7	EA	\$500.00	\$3,500.00
407.05.01b	10" Gate Valve, FLxMJ	2	EA	\$800.00	\$1,600.00
407.05.01c	12" Gate Valve, FLxMJ	2	EA	\$1,000.00	\$2,000.00
407.10.01	Fire Hydrant Assembly	7	EA	\$1,500.00	\$10,500.00
	ACHD Permit	1	EA	\$2,016.00	\$2,016.00
	Total Estimated Construction				\$115,416.00

Contingency (10%)

\$11,541.60

Total Construction Budget

\$126,957.60

Table 11
City of Kuna
Water System Improvement Project
Project Cost Summary

Budget Item	Amount
Well Construction	\$291,826.50
N. School Avenue Construction	\$29,737.30
S. School Avenue Construction	\$27,317.00
Industrial Park Construction	\$115,416.00
Subtotal - Construction	\$464,296.80
Contingency	\$43,455.95
Engineering	\$60,516.92
Administration	\$38,436.77
Land	\$0.00
ACHD Administration & Traffic Control	\$750.00
Total Water Project	\$607,456.44

Table 12
City of Kuna
Water Improvement Projects
Total Project Bonding Cost Analysis

Total Project	Bond Reserve 10%	Contingency Fund	Bond Total Principal	Interest Rate	Period Years	Annual Payment	Total Payments	Interest Paid
\$607,456.44	\$60,745.64	\$365,612.00	\$302,590.08	5.50%	10	\$40,143.95	\$401,439.51	\$98,849.43
\$607,456.44	\$60,745.64	\$365,612.00	\$302,590.08	5.75%	15	\$30,648.60	\$459,728.95	\$157,138.86
\$607,456.44	\$60,745.64	\$365,612.00	\$302,590.08	6.00%	20	\$26,381.18	\$527,623.65	\$225,033.56

(1)		(2)	
Annual Payment	Connection Fees	Required Annual Connections	Total Connections
\$40,143.95	\$500.00	80.29	802.88
\$30,648.60	\$500.00	61.30	919.46
\$26,381.18	\$500.00	52.76	1,055.25

1. Connection fees are currently \$ 945 for water. I have recommended that they be reduced to \$500.00.
2. The water and sewer systems are currently designed to serve a population of 4000 people or 1633 Equivalent Single Family Connections. The city had 1240 Equivalent Single Family connections as of 8/23/96, resulting in 393 unused connections in the current system. The treatment plant upgrade as currently proposed will serve an additional 2000 people or 667 connections at 3.0 persons per connection.
3. Assumes Bonds issued in December 1997 and 150 additional connections (\$141,750) in 1997. Water contingency fund has \$200,237 as of 10/17/96. Assume 25 additional connections (\$23,625) in Nov. & Dec. of 1996. Total contingency fund is estimated to be \$365,612 at bond closing.

Table 13
Kuna Water Production
Existing Fee Structure
Annual Income Estimate

(1)

Month	1996	Base Bill	Over 20,000 Flow	Base Fees	Over 20,000 Fees	Total Fees
January	8,790,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
February	8,423,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
March	8,859,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
April	11,207,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
May	20,683,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
June	38,575,000	24,160,000	14,415,000	\$17,528.00	\$9,369.75	\$26,897.75
July	49,644,000	24,160,000	25,484,000	\$17,528.00	\$16,564.60	\$34,092.60
August	42,222,000	24,160,000	18,062,000	\$17,528.00	\$11,740.30	\$29,268.30
September	28,275,000	24,160,000	4,115,000	\$17,528.00	\$2,674.75	\$20,202.75
October	19,044,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
November	8,391,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
December	9,280,000	24,160,000	0	\$17,528.00	\$0.00	\$17,528.00
Total	253,393,000	289,920,000	62,076,000	\$210,336.00	\$40,349.40	\$250,685.40

12 Mo Avg.	21,116,083	1996 \$\$	\$250,680.94
Nov-Feb Avg. (Base)	8,721,000		
Mar-Oct Avg.	27,313,625	Surplus/(Deficit)	\$4.46

Base Fee (First 20,000 gal)	\$16.00
Senior Base Fee (20,000 gal)	\$11.50
Fee Per 1000 gal	\$0.65
Estimated Senior ESFC	400
Average Annual No of ESFC	808

1. Fees shown assume 400 connections are senior connections which receive \$4.50 base rate discount for seniors.

C. Annual Operating Budget

1. Income

Again, growth is assumed to follow the projections made in Table 3 of the sewer upgrade preliminary engineering report. Average annual water usage and the associated revenue is assumed to proportionally follow growth.

Table 13 is an estimated distribution of revenue from base flows, and irrigation flows for 1996 using the current fee structure. Table 14 is a projection of annual income through the year 2020 assuming the following:

1. Revenues increase proportionately with the rate of growth.
2. Connection fees are revised to \$500 per ESFC.
2. The current monthly user fee structure is retained through the year 2000.
3. A separate pressure irrigation system for all users is provided in the year 2000.

Table 14
Annual Income Projection

Year	Population	ESFC	Annual User Fees	Connection Fees (5 Year Total)
1995	2,936	1,124	\$ 220,500	
				\$ 309,500
2000	4,792	1,743	\$ 342,000	
				\$ 105,000
2005	5,422	1,953	\$ 340,000	
				\$ 118,500
2010	6,134	2,190	\$ 381,300	
				\$ 106,500
2015	6,773	2,403	\$ 418,400	
				\$ 117,500
2020	7,477	2,638	\$ 459,300	

2. Operation and Maintenance

Increases to annual maintenance and operation costs associated with this project are minimal. The only increase anticipated is additional power costs to operate the new well. No increase in labor demand will be caused by this project. Annual increases to operation and maintenance will most likely occur at the annual inflation rate. For purposes of this report an inflation rate of 4% will be assumed. Table 15 summarizes annual Maintenance and Operation costs based upon FY-1995 costs from Table 1 using the 4% inflation rate vs. the estimated income from Table 14.

Table 15
Annual Maintenance and Operation Cost Projection
At 4% Inflation vs. Estimated Income

Year	Annual M & O	Annual User Fees	Surplus (Deficit)
1995	\$ 254,500	\$ 220,500	(\$ 34,000)
2000	\$ 309,600	\$ 342,000	\$ 32,400
2005	\$ 376,700	\$ 340,000	(\$ 36,700)
2010	\$ 458,340	\$ 381,300	(\$77,040)
2015	\$ 557,600	\$ 418,400	(\$ 139,200)
2020	\$ 678,500	\$ 459,300	(\$ 219,200)

The results of Table 15 indicate that if annual Maintenance and Operation costs increase by 4%, and annual user fees increase proportionately to the growth, there will be a deficit in the water fund. There are two reasons for this occurring. First we have assumed that irrigation demands will be eliminated from the system in the year 2000. This will eliminate a significant amount of annual revenue and will not reduce annual M&O costs except for power and chlorine. Second the growth projections assume the current rapid growth ends in the year 2000 and slows to an annual rate of 2.5% to 2.0 %.

Table 16 is identical to Table 15 except it assumes a 1.5% annual increase in user fees beginning in the year 2000.

Table 16
Annual Maintenance and Operation Cost Projection
At 4% Inflation vs. Estimated Income
With User Fees Inflated by 1.5% Annually

Year	Annual M & O	Annual User Fees	Surplus (Deficit)
1995	\$ 254,500	\$ 220,500	(\$ 34,000)
2000	\$ 309,600	\$ 342,000	\$ 32,400
2005	\$ 376,700	\$ 412,800	\$ 36,100
2010	\$ 458,300	\$ 498,700	\$ 40,400
2015	\$ 557,600	\$ 589,500	\$ 31,900
2020	\$ 678,500	\$ 697,100	\$ 18,600

Table 16 indicates that if user fees are increased by 1.5% annually then the projected deficit will be eliminated.

The information shown in Tables 14 and 15 is only an estimate. In reality the city council will need to monitor annual revenues and expenses along with growth trends and adjust the user fees accordingly in order to keep the water fund solvent.

3. Capital Improvements

All future capital improvements will be financed using connection fees, local improvement districts and/or revenue bonds.

4. Debt Repayments

Current debt of the City is \$ 528,000 on the original 1983 bond and \$903,557 on the 1994 bond. Each were 30 year bonds. Annual payments for the 1979 bond vary with an average of approximately \$41,200. Annual payments for the 1994 bond are \$ 60,701. The total combined annual payment is approximately \$ 100,901 which is included in the M&O figures above and will continue to be repaid using monthly user fees.

The new loan is proposed to be repaid using connection fees. Table 12 is a bonding cost analysis for the project Based upon the current estimates the loan principal amount will be \$ 302,590.08. The an anticipated interest rate is 5.75% for a 15 year repayment period annual bond payments will be \$ 30,648.60. At a connection fee of \$ 500.00 a total of 62 new connections will be required per year for 15 years to repay the bond, for a total of 930 connections. The current growth projection provides 982 connections over the next 15 years which is slightly more than required.

For purposes of this report a 15 year repayment period is recommended. Initially the bond payments will be made from connection fees. Since this entire analysis is made upon assumptions which are beyond any control by the City it will be necessary to review growth and revenues and make adjustments to the fees as necessary to meet the annual bond payments

5. Reserve

The City of Kuna currently has \$111,665 invested in the State Investment Pool for the existing bond reserve account. The current funding analysis includes the addition of 10% of the total project which will provide the funds necessary for the new bond reserve fund.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Well No. 5

Well No. 5 must be constructed to provide additional water supply to meet the demands of new growth. The recommended improvements include the construction of a new well, pumping equipment and well building located on the west end of Kuna in a future city park. The well is proposed to pump directly into the distribution system using a variable frequency drive on the pump motor.

Distribution System Expansion

The expansion of the distribution system is as proposed will provide city service to areas with unreliable, or no service at this time. It will also help promote new business and industry in Kuna. Completion of all lines as proposed is recommended.

Butler Booster No. 1 Replacement

The replacement of Booster Pump No. 1 at the Butler Pump Station was not included in the original project. While not mandatory, replacement of this pump will eliminate a cycling problem during peak demand periods and replace an aging pump. It is being proposed as add alternate to the project should the bids come in under budget.



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

July 31, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

CITY OF KUNA
PO BOX 13
KUNA ID 83634-0013

RE: Application for Permit No. 63-12394

Dear Sirs:

I received the above application for permit for municipal use for final review. However, prior to issuing a permit on this application, I need some additional information to demonstrate the city complies with the municipal definitions of 42-202B, Idaho Code (copy enclosed).

Please supply documentation about the following:

- City of Kuna's incorporation under section 50-102, Idaho Code
- City of Kuna's service area
- City of Kuna's reasonably anticipated future needs or "planning horizon" as it relates to this proposed appropriation of water

I will hold further processing on your application for 14 days pending your response. Please submit this information as quickly as possible within the 14-day period to prevent any further undue delay in processing your application.

If you have any questions, you may contact me directly at (208) 327-7944.

Sincerely,

Cindy Zimmerman
Water Resource Agent

NOTED

SEP 1 1997

CHAPTER 2

APPROPRIATION OF WATER—PERMITS, CERTIFICATES,
AND LICENSES—SURVEY

42-202B. Definitions. — Whenever used in this chapter, the term:

(1) "Consumptive use" means that portion of the annual volume of water diverted under a water right that is transpired by growing vegetation, evaporated from soils, converted to nonrecoverable water vapor, incorporated into products, or otherwise does not return to the waters of the state. Consumptive use does not include any water that falls as precipitation directly on the place of use unless the precipitation is captured, controlled and used under an appurtenant water right.

(2) "Municipality" means a city incorporated under section 50-102, Idaho Code, a county, or the state of Idaho acting through a department or institution.

(3) "Municipal provider" means: (a) a municipality that provides water for municipal purposes to its residents and other users within its service area; (b) any corporation or association holding a franchise to supply water for municipal purposes, or a political subdivision of the state of Idaho authorized to supply water for municipal purposes, and which does supply water, for municipal purposes to users within its service area; or (c) a corporation or association which supplies water for municipal purposes through a water system regulated by the state of Idaho as a "public water supply" as described in section 39-103(15), Idaho Code.

(4) "Municipal purposes" refers to water for residential, commercial, industrial, irrigation of parks and open space, and related purposes, excluding use of water from geothermal sources for heating, which a municipal provider is entitled or obligated to supply to all those users within a service area, including those located outside the boundaries of a municipality served by a municipal provider.

(5) "Planning horizon" refers to the length of time that the department determines is reasonable for a municipal provider to hold water rights to meet reasonably anticipated future needs. The length of the planning horizon may vary according to the needs of the particular municipal provider.

(6) "Reasonably anticipated future needs" refers to future uses of water by a municipal provider for municipal purposes within a service area which, on the basis of population and other planning data, are reasonably expected to be required within the planning horizon of each municipality within the service area not inconsistent with comprehensive land use plans approved by each municipality. Reasonably anticipated future needs shall not include uses of water within areas overlapped by conflicting comprehensive land use plans.

(7) "Service area" means that area within which a municipal provider is or becomes entitled or obligated to provide water for municipal purposes. For a municipality, the service area shall correspond to its corporate limits, or other recognized boundaries, including changes therein after the permit or license is issued. The service area for a municipality may also include areas outside its corporate limits, or other recognized boundaries, that are within the municipality's established planning area if the constructed delivery system for the area shares a common water distribution system with lands located within the corporate limits. For a municipal provider that is not a municipality, the service area shall correspond to the area that it is authorized or obligated to serve, including changes therein after the permit or license is issued. [I.C., § 42-202B, as added by 1996, ch. 297, § 2, p. 967; am. 1997, ch. 373, § 1, p. 1188.]

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

*See - adv we zone remark
send copy to DEQ*

INITIAL REVIEW BY: 6 DATE: 4/14/97 APPLICATION: 63-12394

REQUIRED INFORMATION

- ☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
- ☒ Address:
- ☒ Source: (See USGS Quad for names of water sources)
- ☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
- ☒ County:
- ☒ Quantity: (flow and/or volume)
- ☒ Period of use:
- ☒ Nature of proposed use: (Include description of use)
- ☒ Description of diverting works:
- ☒ Time required for beneficial use of water:
- ☒ Place of use or acres irrigated:
- ☒ Map: (show T, R, S, QQ &/or QQQ)
- ☒ Subdivision plat: (for > 1 home in restricted area. $\geq$ 5 homes in non-restricted area)
- ☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
- ☒ Fee:
- ☒ Yes ☐ No* In form to receipt:
- Gov't. Lots:
☒ P/D
☒ P/U

RECEIVED

JUL 28 1997

Department of Water Resources

ADDITIONAL INFORMATION

YES NO

- ☒ N/A Overlapping place of use: (Describe source & relationship to present application on next page.)
- ☒ Overlapping point of diversion.
- ☒ Field check required: Field check by: _____
- ☒ Field report attached:
- ☒ Critical groundwater area:
- ☒ Groundwater management area:
- ☒ 1992 moratorium: exempt
- ☒ Copy to SCA staff: (perennial stream, non-pump diversion &/or any mining).
- ☒ Copy to Dam Safety staff: (for any storage)
- ☒ Mitigation plan: where ground water replaces surface water for irrigation, request additional information &/or mitigation plan to address reduced aquifer recharge
- ☒ Send power requirement letter:
- ☒ Send fish farm requirement letter:
- ☒ Power residency affidavit:
- ☒ Power efficiency form:
- ☒ Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)
- ☒ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

DATE REQUESTED _____

ADDITIONAL INFORMATION ON REVERSE SIDE:

PROCESSING

APP. NO.

63-12394

YES NO

☒ ☐ In form for advertising:
☒ ☐ Statewide advertising: (> 10 cfs &/or 1000 af)
☒ ☐ Fee amount, receipt number and date recorded on application:

SEND COPIES TO:

YES NO

YES NO

☒ ☐ I.D. Health & Welfare
☐ ☒ I.D. District Health
☐ ☒ I.D. Fish & Game
☐ ☒ I.D. Lands
☐ ☒ Adjudication Bureau

☐ ☒ U.S. BLM
☐ ☒ U.S. Forest Service
☐ ☒ Water Dist. # _____
☐ ☒ Other _____

FINAL REGIONAL PROCESSING REVIEW:

YES NO

☒ ☐ Affidavit of publication received:
☒ ☐ Application published correctly: If not, record action taken.

☒ ☐ Publication dates and paper recorded on application:
☐ ☒ Protests received. Final date for protest 5-19-97
☐ ☒ Protest dates, resolution of protest recorded on application:
☐ ☒ Recommendations attached:
☐ ☒ Measuring device required:
☐ ☒ Measuring port required:
☐ ☒ Water delivered by water master? District # _____
☐ ☒ Special conditions of approval or cover letter: Standard conditions

See below for additional information

Recommended Date or Priority

4/3/97

Recommended by:

Gay

Date:

7/23/97

STATE OFFICE REVIEW

See below for additional information. By

Date

ADDITIONAL INFORMATION:

RECEIVED

MAY 13 1997

WATER RESOURCES
WESTERN REGIONThe Idaho
Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040

LEGAL ADVERTISING INVOICE

Amount Due

\$51.96

Account Number/Trans. #		Identification	
047628		Notice of Application for Water Right	
Ordered By	P.O. Number	Rate	Run Dates
Sue Taylor		TT	May 1, 8, 1997
Sue Taylor DEPARTMENT OF WATER RESOURCES Western Region 2735 Airport Way Boise ID 83705-5082		Estimated Inches	Real Inches
		# Affidavits	Legal Number
		1	7553

LEGAL NOTICE

NOTICE OF APPLICATION FOR WATER
RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

63-12394

CITY OF KUNA

PO BOX 13

KUNA, ID 83634

Source: GROUNDWATER

Diversion Pt: NWSE Sec 22 T 02N R 01W in

ADA County

Use: MUNICIPAL (4.500 CFS)

Total Diversion: (4.500 CFS)

Date Filed: 4/3/1997

The proposed water bearing zone is 400 to

480 ft.

Place use is within the city limits of Kuna.

Permits will be subject to all prior water

rights. Protests may be submitted based on

the criteria of Sec. 42-203A, Idaho Code. Any

protest against the approval of this ap-

plication must be filed with the Director, Dept.

of Water Resources, Western Region, 2735

Airport Way, Boise, Idaho 83705 together with

a protest fee of \$25.00 on or before MAY 19,

1997. The protestant must also send a copy of

the protest to the applicant.

KARL J. DREHER, Director

Pub. May 1 & 8, 1997

7553

JANICE HILDRETH

, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for Two

☒ consecutive weekly☐ single☐ consecutive daily☐ odd skip

insertion(s) beginning with the issue of

May 1, 1997

and ending with the issue of

May 8, 1997

Janice Hildreth

STATE OF IDAHO)

ss.

COUNTY OF ADA)

On this 8th day of May in the year of 1997, before me, a Notary Public, personally appeared JANICE HILDRETH known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

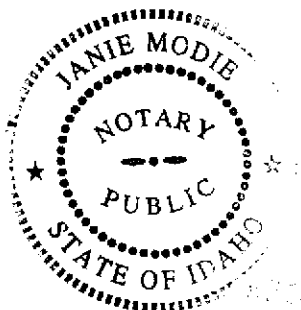
Notary Public for Idaho

Residing at:

Boise, Idaho

My commission expires:

5/03





IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

RECEIVED

MAY 06 1997

WATER RESOURCES
WESTERN REGION

1445 North Orchard, Boise, ID 83706-2239, (208) 373-0550

Philip E. Batt, Governor

May 2, 1997

Gary Spackman
Idaho Department of Water Resources, Western Region
2735 Airport Way
Boise, ID 83705-5082

RE: City of Kuna
Application for Permit to Appropriate Public Waters; Identification No. 63-12394
NW/4 SE/4 Section 22, T2N, R1W, BM / Ada County

Dear Mr. Spackman:

Thank you for the opportunity to review the referenced application. For your information, the City Engineer and I made a field inspection on April 9. The proposed well site meets state standards and has been approved by the Division of Environmental Quality. We have no other comments regarding this application.

Please call me at 373-0166 if you have questions.

Sincerely,

Bill Freeman
Water Quality Engineering Specialist

c: Tim Burgess, Civil Survey Consultants, Inc.
Source File #1, City of Kuna, Well No. 5
Reading File



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

April 24, 1997

ID DEPT OF HEALTH & WELFARE
DIV OF ENV QUALITY
SWIRO
PO BOX 83720
BOISE ID 83706

Re: Application for Permit No. 63-12394 in the Name of City of Kuna

Dear Sir:

Enclosed is a copy of the above-referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter, however, if your agency desires to file a formal protest against the approval of this application(s), your written protest along with the \$25.00 protest fee must be received in this office by May 19, 1997.

If you have any questions regarding the application, please contact this office.

Sincerely,

Gary Spackman

GS:st

Enclosure(s):

RECORDED

SEP 11 1997

Civil Survey Consultants, Inc.

Glenn K. Bennett, P.L.S.
President

Timothy A. Burgess, P.E.
Vice President

P.O. Box 39
1530 W. State Street
Meridian, Idaho 83680

(208)888-4312
Fax 888-0323

RECEIVED

APR 03 1997

WATER RESOURCES
WESTERN REGION

April 1, 1997

Western Region
Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705

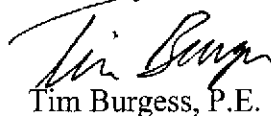
Gentlemen:

On behalf of the City of Kuna, I am enclosing the following for construction of a new municipal well:

1. Application for Permit To appropriate the public waters of the State of Idaho.
2. \$180.00 check for application fee.
3. Application For Drilling Permit.
4. \$200.00 check for application fee.

Please give these applications your earliest possible consideration.

Sincerely,



Tim Burgess, P.E.

888-4312

enc.

Water Bearing Zone? - *[Handwritten signature]*



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

APRIL 23, 1997

Legal Notices Department
THE IDAHO STATESMAN
PO BOX 40
BOISE, ID 83707

Dear Legal Dept.:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before MAY 19, 1997.

Yours truly,

SUE TAYLOR
Secretary/Office Coordinator

Encl.

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

63-12394

CITY OF KUNA
PO BOX 13
KUNA, ID 83634

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Diversion Pt: NWSE Sec 22 T 02N R 01W in ADA County.

Use: MUNICIPAL	(	4.500 CFS)
Total Diversion:	(	4.500 CFS)

Date Filed: 4/ 3/1997

The proposed water bearing zone is 400 to 480 ft.
Place of use is within the city limits of Kuna.

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 together with a protest fee of \$25.00 on or before MAY 19, 1997. The protestant must also send a copy of the protest to the applicant.

KARL J. DREHER, Director

Published: 5/ 1/1997 & 5/ 8/1997

RECEIPT
For Monies Paid
to the
Idaho Department of Water Resources

Receipt No: W022095

Date: 4/ 3/1997
Time: 11:42:53

Received
From: CITY OF KUNA

Type of Payment	Program Acct	Amount
DRILLING PERMIT - CITY OF KUNA	62134	229 21 1205
63-97-W-0455-000		200.00
on		
W.R. # 63-12394		
CHECK	06710	
		Total \$ 200.00

Region: WESTERN

Signature: D. Buffington

W022095
4/3/97

RECEIPT
For Monies Paid
to the
Department of Water Resources

CITY OF KUNA P.O. BOX 13 KUNA, IDAHO 83634

Receipt No: W022094

Date: 4/ 3/1997
Time: 11:35:39

REFERENCE # 1 6710 J VENDOR # 1
CHECK: DATE 1 03/31/97 J ACCOUNT # 1 1 J
6710 02-0728.00-00 WF WATER LINE M & R
TOTAL DOLLARS \$200.00

	Program Acct	Amount
1A 62103	229 21 1155	180.00
Total \$		180.00

Signature: I. Buffington

06710

SEP 11 1997