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May 4, 2007

Ms. Jean Jewell  
Commission Secretary  
Idaho Public Utilities Commission  
472 W. Washington  
Boise, ID 83720

RECEIVED  
MAY 4 2007  
11 3:59  
IDaho PUBLIC UTILITIES COMMISSION

RE: IPUC Case No. UWI-W-07-02

Dear Ms. Jewell:

Enclosed please find the original and nine (9) copies of the City of Eagle's Direct Testimony to be filed in the above referenced matter. Two individuals have supplied this testimony in this case: Vern Brewer, City Engineer; Nancy Merrill, Mayor.

One of the copies mentioned above has been identified as "Reporter's copy" pursuant to IPUC Rule 61. An additional copy is provided here to allow a conformed copy to be delivered back to my office.

Thank you, and please call if you should have any additional requirements or if a question should arise.

Sincerely yours,

MOORE SMITH BUXTON & TURCKE, CHTD.



Bruce M. Smith

BMS/dls  
Enclosures

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2007 MAY -4 PM 3:59  
IDAHO PUBLIC  
UTILITIES COMMISSION

Attorney for City of Eagle, Idaho

**BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION**

**IN THE MATTER OF THE APPLICATION OF ) CASE NO. UWI-W-07-02**  
**UNITED WATER IDAHO INC. TO AMEND AND)**  
**REVISE CERTIFICATE OF CONVENIENCE )**  
**AND NECESSITY NO. 143. )**  
**)**  
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BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

DIRECT TESTIMONY OF VERN BREWER

**1. Please state your name and identify your relationship to the City of Eagle.**

Response: My name is Vern Brewer. I am the President of Holladay Engineering and Project Manager/Liasion between the City and our team of Professional Engineers and Geologist responsible for the water system design and construction. Holladay Engineering Company was appointed City Engineer in 1997 and currently serves in that capacity. Holladay Engineering is responsible for plan review, water system and well design, system modeling, infrastructure planning, and financial planning for the water system. Professionals assigned to these tasks include: Ken Rice, P.E., Senior Design Engineer; Chris Duncan, P.G., Geologist; Andy Gehrke, P.E., Engineer; and John Blom, P.E., Engineer. As project manager I have been responsible for project planning and management, cost analysis and the interface between the engineering team, the council, and the land use professionals employed by the City.

**2. What is the City's Water Master Plan?**

Response: The City of Eagle, through a 4-year land use and infrastructure planning process, adopted a City Water Master Plan that includes, in part, that area between Linder Road and Highway 16, from the Boise River to Homer Road on the North. A portion of this area is now being proposed for Lanewood Estates. In accordance with the Plan, the City has designed a series of trunk lines and laterals, two one-and-a-half-million gallon water storage tanks, and five wells in order to serve the entire area. The water trunk line and well system is capable of supplying the entire area based on the pressure and flow requirements in accordance with the City's Comprehensive Plan.

**3. With regard to the Lanewood development, are you familiar with its location?**

Response: Yes, it is immediately adjacent to the City limits and within the City's area of impact.

**4. Has the City planned to provide water service to Lanewood?**

Response: Yes. This is consistent with the City's Comprehensive Plan and Ada County.

**5. How does the City plan to serve Lanewood?**

Response: The City has been working with some large developments near Lanewood to complete the first phase of the City's western area municipal system. Construction should be completed by July, 2007. Two wells capable of pumping about 4,000 gallons per minute have been constructed. Both wells were constructed according to the IDEQ's standards for municipal wells. A third well with 1,500 gallons per minute capacity is scheduled for 2008, bringing capacity to 5,000 gallons per minute. The City has pending applications for water rights for these wells. Because the water right applications were protested, the City had to

go through a lengthy hearing process which has now been completed. The City received a favorable staff recommendation and expects the applications to be approved in the June-July period. Interestingly, part of the delay in getting the applications approved was caused by United Water protesting the applications.

In addition to the wells, a 16" main line is currently under construction from one well to the southern boundary of the Lanewood property. This line should be completed in July. If Lanewood completes its county approval process and wants to begin construction of its distribution system, it can do so. See Eagle Exhibit 203.

The 16" main is an important component of the City's system because it will run through the Lanewood development and connect to other portions of a loop system designed to bring water to many properties in the City's western expansion area. It will connect to future storage reservoirs.

The western expansion area is shown on Eagle Exhibit 204. This is the area where the City has been and is planning to provide water service. Under the present configuration and capacity of the existing wells, all IDEQ requirements for the public water system can be met now and in the future. All of the existing infrastructure under construction and being planned conform with the City's approved Water Master Plan for the area.

**6. What is the City's cost of service?**

Response: The City's annual cost of water service is \$344.76. I checked United Water's website and they charge \$398.43. City of Eagle customers pay less based on comparable use.

**7. Does the City encourage conservation of water?**

Response: Yes, the City encourages all citizens to conserve their use of water. For instance, the City requires use of surface water for irrigation.

**8. In Scott Rhead's testimony, he indicated that the two existing City wells are not constructed to municipal standards and that construction of a mainline to Lanewood has not begun. Is this correct?**

Response: No. Both City wells are brand new and are constructed to IDEQ standards. The mainline is under construction and will be built to the Lanewood boundary.

**9. The developer has suggested that he intends to begin construction of his water distribution system in July, 2007. Will this schedule of development be impeded by the construction of the City's mainline or IDEQ approval of the distribution system?**

Response: No. Lanewood can begin construction of the distribution system as soon as IDEQ regulations allow. IDEQ has granted the City Engineer the ability to review and approve plans for the distribution system in accordance with the approved Master Plan in the same manner that United Water is capable of approving plans to their system. The timeframe and process for review and approval of plans is the same through the City as it is through United Water. Most recently the plans for the Legacy development were approved in about a three-week turn around through the City. In the event that Capital Development were to submit complete plans for the Lanewood development to the City, the City Engineer would begin the plan review. The plans could be reviewed and approved within about thirty (30) days and the developer could begin construction on July 1 without any delay to their construction schedule. IDEQ does not need to independently review and approve the City of Eagle water delivery system in the western expansion area.

**10. Would allowing United Water to serve the Lanewood development interfere with the completion of the City's water system and associated services?**

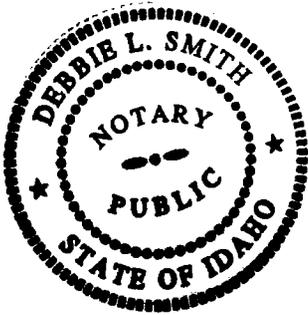
Response: Yes. The City's planned trunk line loop, which includes a 16-inch water main coupled with 12-inch and 8-inch laterals to serve the area within the western expansion designated boundary, is a fully integrated system developed by modeling flows and pressures for the entire western area. The 16-inch main runs through the Lanewood development. The insertion of United Water into this system will disrupt a four or five-year planning process engaged in by the City, and it would certainly impair the ability for the City to close its loop to ensure that the residents north, south, and west of Lanewood could participate in a fully integrated and designed water system.

A second component of the integrated water system for the western area is the development of a financial model for residents of that planning area to contribute to a storage and trunk-line network fund to provide for the eventual construction of two one-and-a-half-million gallon storage reservoirs that would provide emergency and fire flows at build-out. Excluding Lanewood from the system will have the effect of raising the cost of storage to the remaining residents participating in the construction and would interfere with the objective of spreading costs equitably among the users of the system. Eliminating Lanewood participation would cause an immediate 4.5% increase to all other planned residents for those storage and trunk line fees. Based on these factors, I believe it is in the public interest to allow the City to serve this area.

Dated this 4<sup>th</sup> day of May, 2007.

  
\_\_\_\_\_  
Vern Brewer

SUBSCRIBED AND SWORN to before me this 4th day of May, 2007.



Debbie L. Smith  
Notary Public for IDAHO  
Residing at Boise ID  
My Commission Expires: 6/8/07

**CERTIFICATE OF SERVICE**

I hereby certify that on this 4 day of May, 2007 I served a true and correct copy of the foregoing document via the method indicated below to:

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McDevitt & Miller LLP  
420 West Bannock Street  
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Boise, ID 83701

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- Overnight Mail
- Facsimile

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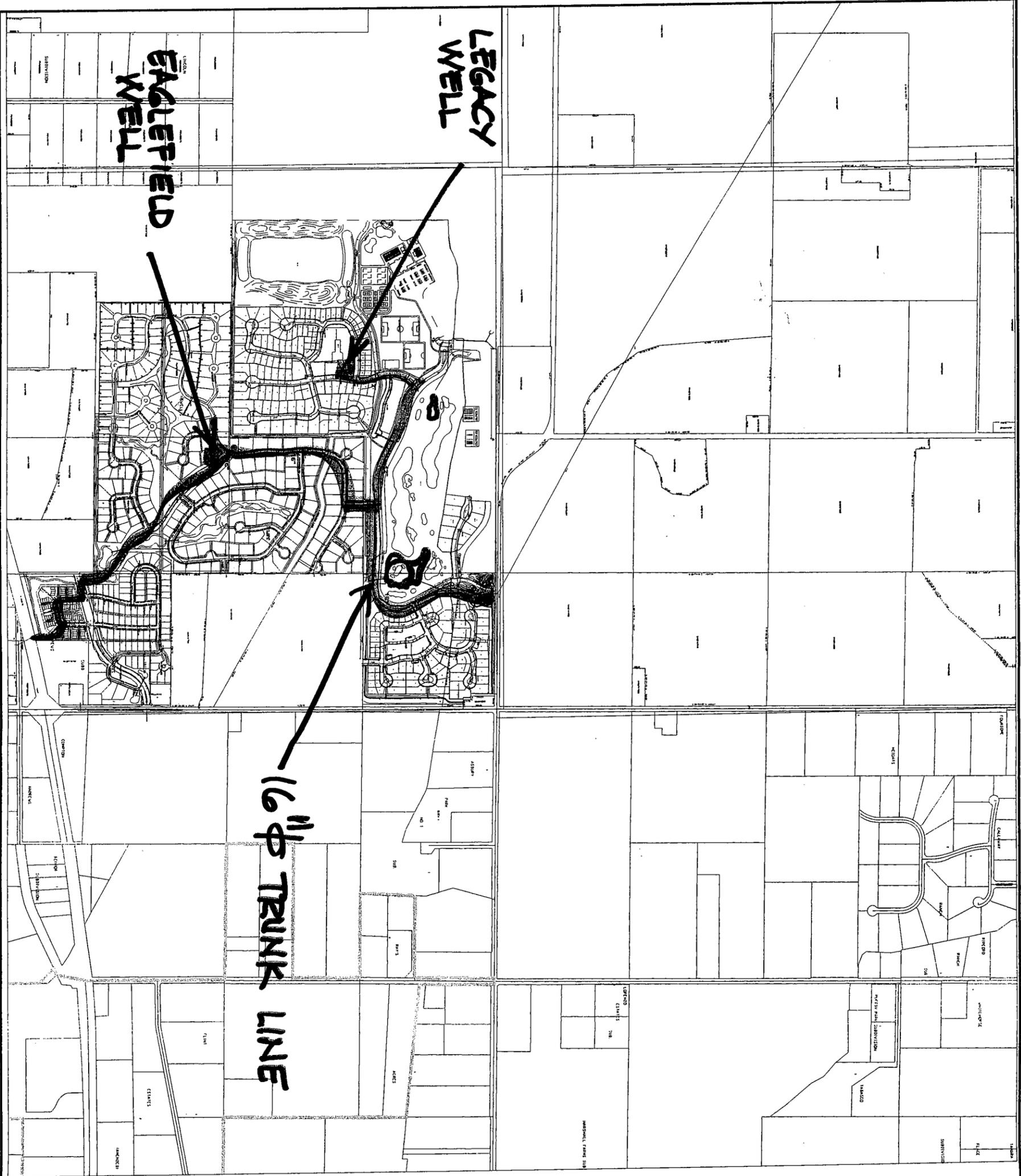
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\_\_\_\_\_  
Bruce M. Smith

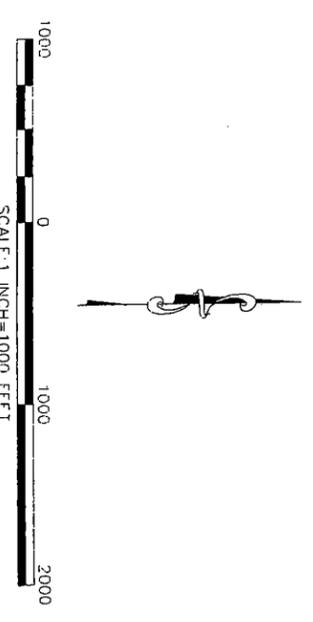
# CITY OF EAGLE WATER SYSTEM



**LEGACY  
WELL**

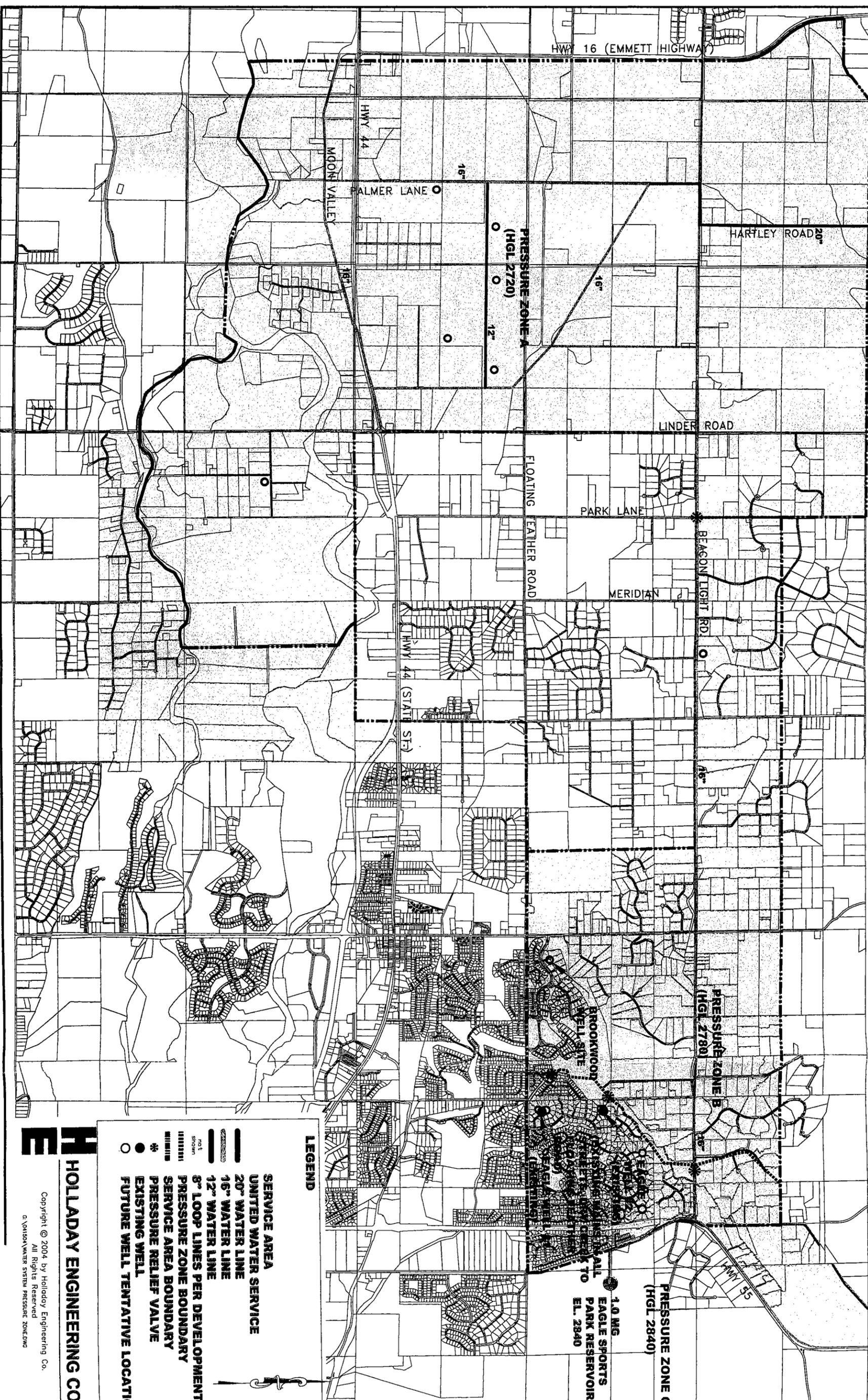
**EAGLEFIELD  
WELL**

**16"  $\phi$  TRUNK  
LINE**



1.5 MG  
WESTERN RESERVOIR SITE  
EL. 2720  
Applied for 7-15-04

CITY OF EAGLE  
SYSTEM DEVELOPMENT  
PLAN MAP



**LEGEND**

- SERVICE AREA
- UNITED WATER SERVICE
- 20" WATER LINE
- 16" WATER LINE
- 8" LOOP LINES PER DEVELOPMENT
- PRESSURE ZONE BOUNDARY
- SERVICE AREA BOUNDARY
- PRESSURE RELIEF VALVE
- EXISTING WELL
- FUTURE WELL TENTATIVE LOCATION

**HE**  
**HOLLADAY ENGINEERING CO.**

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