

# Contact Filer Regarding Image Clarity

STATE OF NEVADA  
 PUBLIC UTILITIES COMMISSION OF NEVADA  
 1150 E. William Street  
 Carson City, Nevada 89701-3109

No. 44918

## RECEIPT

Received from

Date 6/30/2016

BOOMTOWN HOTEL AND CASINO INC.  
 2560 LORD BALTIMORE DR  
 BALTIMORE, MD 21244

AMOUNT

\$ 200.00

TWO HUNDRED ----- and 00/100 Dollars

How Paid	Cash <input checked="" type="checkbox"/>	Check	Money Order	Draft
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Type of Receipt	Filing Fee <input checked="" type="checkbox"/>	TDD <input type="checkbox"/>	Copy Service <input type="checkbox"/>	UEC <input type="checkbox"/>	Mill or CMRS <input type="checkbox"/>	Other <input type="checkbox"/>
GL	3717		3818	3% to 3305 97% to LIHEA cc: Welfare	3920-3315 1038-3315	

Invoice#:

### Memo

New Filing

Received by SA



**RENO ENGINEERING** A Development Services Company

*Thursday, June 30, 2016*

**PUBLIC UTILITIES COMMISSION OF NEVADA**  
1150 E. William Street ▪ Carson City, NV 89701  
www.puc.nv.gov

RECEIVED  
PUBLIC UTILITIES COMMISSION  
OF NEVADA CARSON CITY  
2016 JUN 30 PM 12:49

**RE: BOOMTOWN HOTEL & CASINO INC. – UEPA APPLICATION**

To Whom It May Concern,

Please find enclosed the Boomtown Hotel and Casino, Inc. UEPA Application for water system improvements.

Should you need anything further or have any questions, please contact our offices or my direct cell phone: 775.771.9575.

Sincerely,

**Vincent J. Griffith P.E.**  
*Reno Engineering Corporation*

**Contact Filer Regarding Image Clarity**

**PUBLIC UTILITIES COMMISSION OF NEVADA  
DRAFT NOTICE  
(Applications, Tariff Filings, Complaints, and Petitions)**

Pursuant to Nevada Administrative Code ("NAC") 703.162, the Commission requires that a draft notice be included with all applications, tariff filings, complaints and petitions. Please complete and include ONE COPY of this form with your filing. (Completion of this form may require the use of more than one page.)

A title that generally describes the relief requested (see NAC 703.160(4)(a)):

Application of Boomtown Hotel and Casino Inc. for a permit under the Utility Environmental Protection Act to implement water system improvements.

The name of the applicant, complainant; petitioner or the name of the agent for the applicant, complainant or petitioner (see NAC 703.160(4)(b)):

Boomtown Hotel and Casino Inc.

A brief description of the purpose of the filing or proceeding, including, without limitation, a clear and concise introductory statement that summarizes the relief requested or the type of proceeding scheduled AND the effect of the relief or proceeding upon consumers (see NAC 703.160(4)(c)):

Boomtown Hotel and Casino Inc. is submitting pursuant to the Nevada Utility Environmental Protection Act ("UEPA"), an application to the Public Utilities Commission of Nevada (the "Commission) for authority to implement the following improvements:

- Construct a new 1.5 million gallon water storage tank at the existing south tank site adjacent to the existing 0.5 million gallon tank. To Comply with NAC 445A.6674-6675. Per the environmental analysis performed for there are no proposed significant adverse impacts on the following environmental elements: Land Use/Important Farmland/Formally Classified Lands, Floodplain Wetlands Biological resources, Cultural resources, Water quality, Socio-economic/ environmental justice, Air quality Transportation, or Noise.

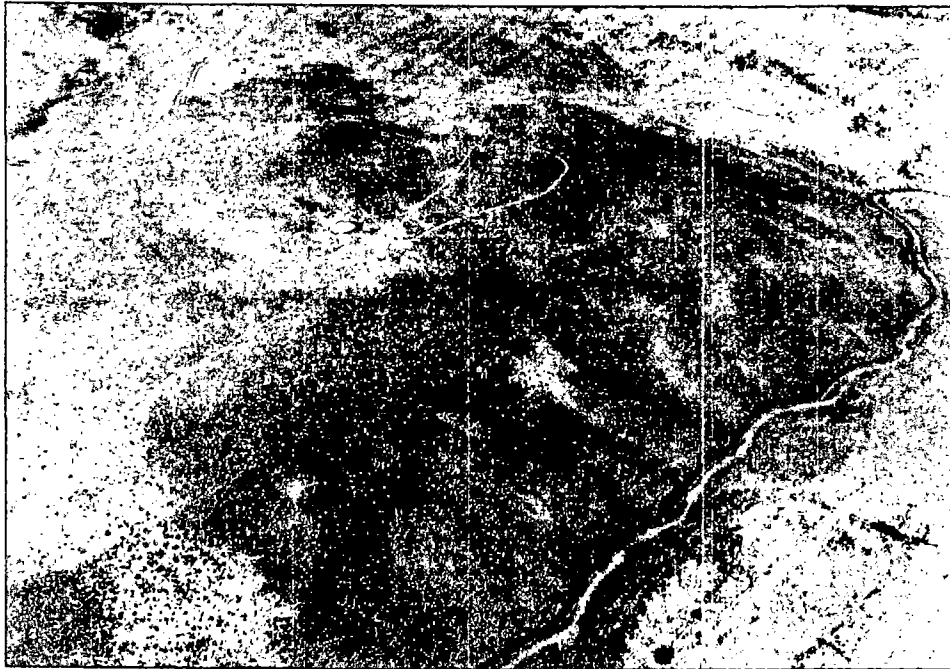
The effects of the project on consumers will be to improve their water system storage capacity, conveyance, emergency supply capability, and safety.

Pursuant to Nevada Revised Statute ("NRS") 704.069(1)<sup>1</sup>: No consumer session is required for this application.

This draft notice does not pertain to a tariff filing.

**PUBLIC UTILITIES COMMISSION OF  
NEVADA**

**UTILITY ENVIRONMENTAL PROTECTION  
ACT PERMIT APPLICATION**



Boomtown Hotel and Casino Inc.  
Water System Improvements

Prepared for:

Boomtown Hotel and Casino Inc.  
Saint John Properties  
2560 Lord Baltimore Drive  
Baltimore, Maryland 21244

Prepared by:

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# INTRODUCTION

## **Background**

Saint John Properties owner of the Boomtown Hotel and Casino Inc water system (Boomtown) currently owns Boomtown Water System which consists of five wells, a 500,000 gallon tank, and appurtenant distribution system that supplies Boomtown Hotel, Cabela's Retail Outlet, RV Park, Mini-Mart (with car wash), and landscaping.

The existing water system consists of 14" DIP waterline from the storage tank to the distribution system, which consists of 8", 10", and 12" DIP & PVC waterline and appurtenances, and Pressure Reducing Valves at Cabela's and the RV Park.

NAC 445A.6674-6675, outlines water system storage requirements:

*1. A supplier of water shall ensure that:*

*(a) An existing public water system maintains a **storage capacity** that, as determined by an engineer on the basis of historical data, accepted engineering judgment and a network hydraulic analysis, is sufficient to ensure that the total capacity of the public water system will meet current and anticipated demands for water while maintaining the pressures indicated in NAC 445A.6711.*

*(b) A new public water system maintains a **storage capacity** that is sufficient to provide the amount of water required for sufficient operating storage, emergency reserve and fire demand.*

*2. Storage requirements for fire demand must be calculated according to the requirements of the fire authority. The Division or the appropriate district board of health shall evaluate the design of a public water system based upon appropriate documentation of those requirements.*

*3. A supplier of water for an existing public water system shall ensure that the total storage capacity and capacity of booster pumps for each zone of pressure in the distribution system are sufficient to meet the maximum day demand within that zone. Water stored in a higher zone of pressure may be provided to serve a lower zone of pressure if:*

*(a) An appropriate pressure regulator is installed between the zones; and*

*(b) The requirements for the higher zone of pressure are not compromised.*

*1. An existing public water system must maintain an operating storage in such an amount as an engineer determines, based upon historical data and the system's capacity for the development and treatment of water, to be sufficient for the system to meet requirements for maximum day demand.*

*1. An existing public water system must maintain an emergency reserve in such an amount as an engineer determines appropriate on the basis of the best available local information.*

## Proposed Project

The proposed project for BOOMTOWN includes the following elements;

***Construct a new 1.5million gallon tank at the existing south tank site. The new tank shall be 105' diameter and 26' tall.***

The existing storage tank is 500,000 gallons. The boomtown service area requires additional storage to meet current fire code requirements. An additional 1.5 million gallon welded steel tank is proposed adjacent to the existing facilities to provide additional storage and meet current and future fire flow demands for the service area.

The additional storage will allow the system wells to pump only during off-peak hours and still meet the commercial fire flow demand. This may save the users considerable amount of money over the life of the system and will provide additional safety and operational flexibility.

Providing two storage tanks will provide the ability to service one tank at a time while still having the second tank fully operational thus providing an additional factor of safety over a one tank system.

***Install 14" waterline distribution loop to provide redundant water connections between the main service area and water storage.***

Distribution mains currently have only a single feed to the south tank storage site. Providing looping has several advantages. Reduced pumping costs due to reduced pipe friction. Increased fire safety by providing redundancy to the system. Increased fire flow rates by providing reduced friction losses in the system.

## NAC 703.423-REQUIREMENTS

***NAC 703.423 Application for permit when no federal agency required to conduct environmental analysis. An application filed with the Commission pursuant to subsection 1 of NRS 704.870 for a permit to construct a utility facility where no federal agency is required to conduct an environmental analysis of the proposed utility facility.***

***1. A description of the location of the proposed utility facility as required by subsection 1 of NRS 704.870, including:***

***(a) A general description of the location of the proposed utility facility, including a regional map that identifies the location of the proposed utility facility;***

The water system is located north and south of US Interstate 80 and west of the City of Reno, in Township19N, Range 18E, Section 17 & 18 (Figure 1).

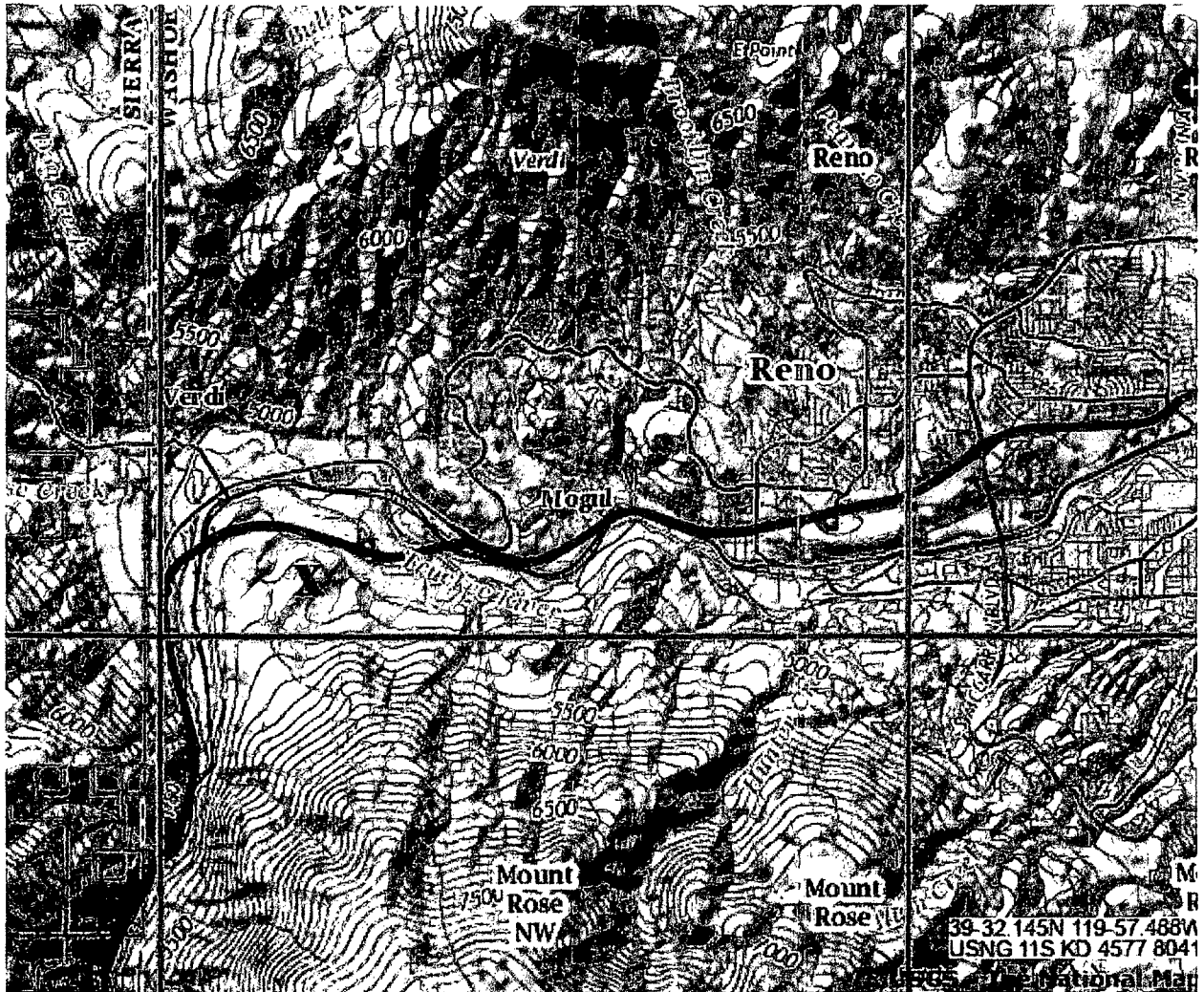


Figure 1

*(b) A legal description of the site of the proposed utility facility, with the exception of electric lines, gas transmission lines, and water and wastewater lines, for which only a detailed description of the site is required; and*

All that certain real property situated within a portion of the southeast one-quarter (1/4) of Section Seventeen (17), Township 19 North, Range 18 East, Mount Diablo Meridian, City of Reno, Washoe County, State of Nevada, lying within a portion of Parcel 3 as conveyed in Grant, Bargain and Sale Deed recorded in the Office of the Washoe County Recorder October 12, 2015, as Document No. 4522339, Official Records of Washoe County, Nevada, and as shown on Record of Survey Map No. 4276, recorded in the Washoe County Recorders Office July 15, 2003, as File No. 2887390, Official Records of Washoe County, Nevada, more particularly described as follows: BEGINNING at a point on the southerly line of Interstate Highway 80, from which point a Washoe County GPS control point "V72SM01036", bears N 66°18'17" E, 4941.43 feet; Thence, leaving said southerly line of Interstate Highway 80, S 18°19'20" W, 611.36 feet; Thence, S 03°12'30" W, 691.76 feet; Thence, N 87°49'08" E, 145.03 feet; Thence, S



00°04'19" E, 223.54 feet; Thence, S 89°55'41" W, 348.28 feet; Thence, N 00°04'19" W, 210.71 feet; Thence, N 87°49'08" E, 183.40 feet; Thence, N 03°12'30" E, 696.30 feet; Thence, N 18°19'20" E, 613.82 feet, to said southerly line of Interstate Highway 80; Thence, S 72°14'15" E, along said southerly line, 20.00 feet, to the POINT OF BEGINNING. CONTAINING: 2.34 acres of land, more or less.

*(c) Appropriately scaled site plan drawings of the proposed utility facility, vicinity maps and routing maps.*

Refer to attachments.

2. *A description of the proposed utility facility, including:*
  - (a) *The size and nature of the proposed utility facility;*

The proposed project for BOOMTOWN includes the following elements;

***Construct a new 1.5million gallon tank at the existing south tank site. The new tank shall be 105' diameter and 26' tall.***

The existing storage tank is 500,000 gallons. The boomtown service area requires additional storage to meet current fire code requirements. An additional 1.5 million gallon welded steel tank is proposed adjacent to the existing facilities to provide additional storage and meet current and future fire flow demands for the service area.

The additional storage will allow the system wells to pump only during off-peak hours and still meet the commercial fire flow demand. This may save the users considerable amount of money over the life of the system and will provide additional safety and operational flexibility.

Providing two storage tanks will provide the ability to service one tank at a time while still having the second tank fully operational thus providing an additional factor of safety over a one tank system.

***Install 14" waterline distribution loop to provide redundant water connections between the main service area and water storage.***

Distribution mains currently have only a single feed to the south tank storage site. Providing looping has several advantages. Reduced pumping costs due to reduced pipe friction. Increased fire safety by providing redundancy to the system. Increased fire flow rates by providing reduced friction losses in the system.

*(b) The natural resources that will be used during the construction and operation of the proposed utility facility;*

Steel for tank and pipes, Fuel for construction vehicles, Paint for tank coatings, Chlorine for disinfection, Concrete for pads and thrust blocks, Gravel for roads and structural fill, PVC for pipes, and of course water for the system.

- (c) Layout diagrams of the proposed utility facility and its associated equipment;*
- (d) Scaled diagrams of the structures at the proposed utility facility; and*

Refer to attachments.

3. *A copy and summary of any studies which have been made of the environmental impact of the proposed utility facility as required by subsection 1 of NRS 704.870.*

Refer to attachments.

4. *A description of any reasonable alternate locations for the proposed utility facility, a description of the comparative merits or detriments of each location submitted, and a statement of the reasons why the location is best suited for the proposed utility facility, as required by subsection 1 of NRS 704.870.*

Other alternative locations where considered, they were as follows.

1. On top of the existing tank. This option was immediately rejected since it would require shutting the entire system down for several months while the new tank was constructed. This would leave the existing customers without water and without fire protection.
2. South and behind the existing system. This option was reviewed however dismissed due the excessive cuts that would be required to grade the site.
3. Any points at the same elevation as the existing tank. Several sites where considered however all would have required significantly more impact to the environment due to the additional piping required and excavation for the tank pad.
4. No build option. This option was discounted since it would violate NAC 445A.6674-6675 and leave the existing customers at risk of reduced fire protection and redundancy.

The proposed tank location was determined to be the least impactful location due to the relatively small amount of grading required to prepare the pad, and the small amount of piping required to connect to the existing system.

5. *A copy of the public notice of the application and proof of the publication of the public notice, as required by subsection 4 of NRS 704.870.*

Refer to attachments.

6. *Proof that a copy of the application has been submitted to the Nevada State Clearinghouse within the State Department of Conservation and Natural Resources.*

Refer to attachments.

7. *An explanation of the nature of the probable effect on the environment, including:*
  - (a) *A reference to any studies described in subsection 3, if applicable; and*
  - (b) *An environmental statement that includes:*
    - (1) *The name, qualifications, professions and contact information of each person with primary responsibility for the preparation of the environmental statement;*
    - (2) *The name, qualifications, professions and contact information of each person who has provided comments or input in the preparation of the environmental statement;*
    - (3) *A bibliography of materials used in the preparation of the environmental statement;*  
*and*
    - (4) *A description of:*
      - (I) *The environmental characteristics of the project area existing at the time the application is filed with the Commission;*
      - (II) *The environmental impacts that the construction and operation of the proposed utility facility will have on the project area before mitigation; and*
      - (III) *The environmental impacts that the construction and operation of the proposed utility facility will have on the project area after mitigation.*

↪ *The data and analyses in the descriptions must be commensurate with the degree of the anticipated impacts.*

The project will consist of surface disturbance and will have no significant impact on the environment.

An Archological study was prepared by  
Kautz Environmental Consultants  
Address: 1140 Financial Blvd Suite 100, Reno, NV 89502  
Phone:(775) 829-4411

Although the study is not available for distribution the appropriate response letter from the State historic preservation office is attached in the appendix.

An Environmental analysis was prepared by  
Stantec Consulting  
6995 Sierra Center Pkwy #200, Reno, NV 89511  
Phone:(775) 850-0777

A copy of the report finding there was no foreseeable significant impact on the environment is attached in the appendix.

- 8,9. The proposed facility is not an electric generation facility
10. *An explanation of how the proposed utility facility represents the minimum adverse effect on the environment, including:*
  - (a) *The state of available technology;*
  - (b) *The nature of various alternatives; and*

*(c) The economics of various alternatives.*

The proposed facilities are the best available technology in water storage, and water distribution, they have been used for centuries and have been proven to be the least impactful on the environment. The various location alternatives discussed above, would probably still not have any significant impacts on the environment, however they would be slightly more impactful on the environment. The least impactful alternative is also the 2<sup>nd</sup> least costly due to the smaller amount of grading for the pad site, and shorter length of distribution piping. The cheapest alternative would most likely be the removal of the existing tank and replacement in the same location. This option was dismissed due to the requirement to remove service to the existing customers.

*11. An explanation of how the location of the proposed utility facility conforms to applicable state and local laws and regulations, including a list of all permits, licenses and approvals required by federal, state and local statutes, regulations and ordinances. The explanation must include a list that indicates:*

*(a) All permits, licenses and approvals the applicant has obtained, including copies thereof; and*

*(b) All permits, licenses and approvals the applicant is in the process of obtaining to commence construction of the proposed utility facility. The applicant must provide an estimated timeline for obtaining these permits, licenses and approvals.*

Below is a list of the permits applied for and approval status.

Washoe County Health (Approved)

City of Reno (Approved) (Work to begin on distribution piping 6/25/2016)

Nevada Department of Transportation (submitted, reviewed pending approval of SHIPO, permit should be issued by 7/1/2016)

Nevada Department of Environmental Protection, bureau of water pollution control. (Approved)

*12. An explanation of how the proposed utility facility will serve the public interest, including:*

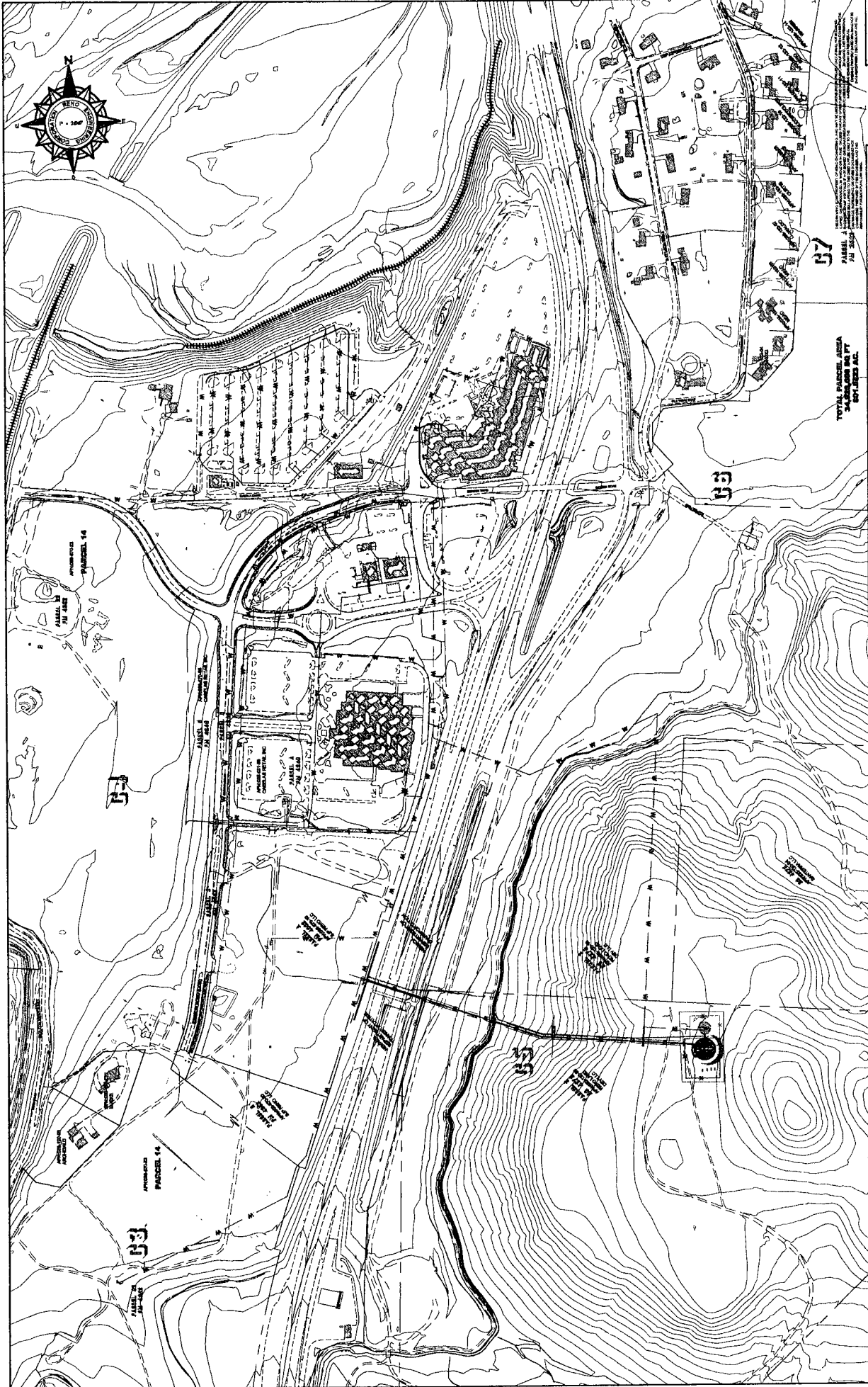
*(a) The economic benefits that the proposed utility facility will bring to the applicant and this State;*

*(b) The nature of the probable effect on the environment in this State if the proposed utility facility is constructed;*

*(c) The nature of the probable effect on the public health, safety and welfare of the residents of this State if the proposed utility facility is constructed; and*

The public interest is served by providing a more robust water system with additional fire protection to the boomtown project. This could have positive economic impacts if the improvements lead to additional development in the area. There will be no negative economic impacts. Per the environmental analysis attached the proposed project will have no significant adverse impact on the following environmental elements: Land Use/Important Farmland/Formally Classified Lands, Floodplain Wetlands Biological resources, Cultural resources, Water quality, Socio-economic/ environmental justice, Air quality Transportation or Noise.

## Attachment A-Maps



<p>CONTACT INFO:          1 775 785 8888          1000 W. 10th St.          Reno, NV 89502          WWW.REC.COM</p>	<p><b>REC</b>          Reno Engineering A Development Services Company</p>	<p><b>BOOMTOWN (NTNC)          REPLACEMENT TANK AND          WATER SUPPLY SYSTEM CONSTRUCTION</b></p>	<p>OVERVIEW</p> <p>C1</p>
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