



City of Bishop, California

Bidding Information

and

Contract Documents

for

**Parks Restrooms Project**

in the

City of Bishop, County of Inyo, California

3 December 2015

Approved:

A handwritten signature in blue ink, appearing to read "David Grah", is written over a faint, illegible stamp.

David Grah  
Director of Public Works

## Notice To Bidders

Sealed proposals will be received at the City of Bishop Public Works office, City Hall, 377 West Line Street, Bishop, California, 93514 until three o'clock (3:00) in the afternoon on 31 December 2015, for furnishing all labor, materials, tools, implements and machinery to do and complete all work in a manner satisfactory to the City Engineer, for the following project:

### **Parks Restrooms Project**

Together with such other incidental items as are necessary to complete the work in the manner and time prescribed and in strict conformity with the contract documents.

At 3:01 in the afternoon on the above date, said proposals will be publicly opened and read aloud.

All proposals shall be made using the forms furnished by the City and shall be enclosed and sealed in an envelope which is addressed to the City Council, Bishop, California, and is clearly labeled:

### **Bid for Parks Restrooms Project**

Bid books including plans, specifications, bid forms to be used for bidding on this project and other contract documents can be obtained at the City of Bishop City Hall, 377 West Line Street, Bishop, California, 93514, 760-873-8458, and [publicworks@cityofbishop.com](mailto:publicworks@cityofbishop.com). Only bids referencing all addendums issued for the project shall be considered. To receive addendums and other information issued on the project during the advertisement period, provide your contact information to the Bishop Public Works in City Hall at the above addresses and number at least two working days prior to bid opening.

This project has two locations. This first location is in Talmage Park on Academy Avenue and second location is in the Bishop City Park on Spruce Street. The project is for the installation of up to two (depending on construction option) prefabricated public restroom buildings including underground water, sewer, and electrical utilities, site preparation, and building installation. The project includes furnishing of all labor, implements, tools, machinery, materials and all other work required to complete the project.

Bidders may request a pre-bid review of the project sites with project staff by contacting the City of Bishop Department of Public Works at 760-873-8458, [publicworks@cityofbishop.com](mailto:publicworks@cityofbishop.com).

The estimated range for the construction cost of the project is from about \$100,000 to \$300,000 depending on construction option.

This project is funded entirely with City of Bishop funds. As a result, the contracting preferences of Chapter 3.26 of the Bishop Municipal Code apply to this project.

Technical questions should be directed to the Director of Public Works, City of Bishop, 377 West Line Street, Bishop, California, 93514, 760-873-8458, [publicworks@cityofbishop.com](mailto:publicworks@cityofbishop.com).

The successful bidder shall furnish all items required in the contract documents.

All proposals shall include prices for all items of work for all construction options contained in the contract documents. The City intends to award the contract to the bidder with the lowest responsive bid for the most extensive construction option the City is able to fund from the allotment available for this project with consideration for total time to complete the project. Responsive bid proposals shall include:

1. Completed Bid Form
2. Bid Bond or other security
3. Completed Non-collusion Declaration form
4. Completed Contractor's Certificate Regarding Worker's Compensation form
5. Completed Proposed Equipment and Material Manufacturers form
6. Completed Proposed Subcontractors form
7. Completed Licenses form
8. If a local business preference is claimed, completed City of Bishop Local Business Verification form

The City of Bishop hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The contract is subject to state contract nondiscrimination and compliance requirements pursuant to Government Code, Section 12990.

Pursuant to Section 1773 of the Labor Code, the general prevailing wage rates in the county, or counties, in which the work is to be done have been determined by the Director of the California Department of Industrial Relations. These wages are set forth in the General Prevailing Wage Rates for this project, available at City of Bishop and available from the California Department of Industrial Relations' Internet web site at <http://www.dir.ca.gov/DLSR/PWD>. Future effective general prevailing wage rates, which have been predetermined and are on file with the California Department of Industrial Relations are referenced but not printed in the general prevailing wage rates.

The Contractor shall procure all required permits and licenses, pay all charges, fees and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the work.

The City Council of the City of Bishop, California, reserves the right to reject any and all proposals and to waive any formalities in the proposal.

**Bid Form**

Proposal to City of Bishop for the construction of

**Parks Restrooms Project**

**Bidder Information:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**To the Bishop City Council:**

Pursuant to and in compliance with your Notice to Bidders inviting sealed proposals (bids) and the other documents relating thereto, the undersigned bidder, being fully familiar with the terms of the contract documents, local conditions affecting the performance of the contract, the character, quality, quantities, and scope of work, and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated in the contract, including all of its component parts and everything required to be performed, and to furnish any and all of the labor, material, tools, equipment, transportation, services, permits, utilities, and all other items necessary to perform the contract and complete in a workman like manner, all of the work required in connection with the construction of said work all in strict conformity with the plans and specifications and other contract documents, including Addenda \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_, for the prices hereinafter set forth.

The bidder, under penalty of perjury, certifies that, except as noted on an attached page, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, and manager: Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; Has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years; Does not have a proposed debarment pending; and Has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years. If there are any exceptions to this certification, insert the exceptions on an attached page.

The undersigned as bidder, declares that the only persons or parties interested in this proposal as principals are those named herein and that this proposal is made without collusion with any person, firm, or corporation; and he proposes and agrees, if the proposal is accepted, that he will execute a contract with the City in the form set forth in the contract documents and that he will accept in full payment thereof the unit prices on the following 3 pages.

**Bid, Construction Option 1:**

**Entire project**

<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>	<b>Unit Price</b>	<b>Total Item Price</b>
1	1	LS	Submittals		
2	1	LS	Mobilization		
3	1	LS	Talmage Site Work		
4	1	LS	Talmage Electrical		
5	1	LS	Talmage Flagpole		
6	1	LS	Talmage Restroom		
7	1	LS	City Park Site Work		
8	764	LF	City Park Electrical (sod)		
9	41	LF	City Park Electrical (street)		
10	177	LF	City Park 2 inch Water		
11	36	LF	City Park Water Service		
12	84	LF	City Park Sewer Lateral		
13	1	LS	City Park Restroom		
14	463	SF	Concrete Flatwork		
				<b>Total Bid</b>	

EA is each; LF is linear foot; LS is lump sum; SF is square foot

Additional working days for bid items 6 and 13 (see Section 13 of special provisions): \_\_\_\_\_

Check one box and provide required information:

- No contracting preference is claimed
- California Small Business contracting preference is claimed
- Local business contracting preference is claimed
- Small business subcontracting preference is claimed

**Bid, Construction Option 2:**

**Talmage Park Only**

<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>	<b>Unit Price</b>	<b>Total Item Price</b>
1	1	LS	Submittals		
2	1	LS	Mobilization		
3	1	LS	Talmage Site Work		
4	1	LS	Talmage Electrical		
5	1	LS	Talmage Flagpole		
6	1	LS	Talmage Restroom		
7	0	LS	City Park Site Work		
8	0	LF	City Park Electrical (sod)		
9	0	LF	City Park Electrical (street)		
10	0	LF	City Park 2 inch Water		
11	0	LF	City Park Water Service		
12	0	LF	City Park Sewer Lateral		
13	0	LS	City Park Restroom		
14	103	SF	Concrete Flatwork		
				<b>Total Bid</b>	

EA is each; LF is linear foot; LS is lump sum; SF is square foot

**Bid, Construction Option 3:**  
**City Park Only**

<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>	<b>Unit Price</b>	<b>Total Item Price</b>
1	1	LS	Submittals		
2	1	LS	Mobilization		
3	0	LS	Talmage Site Work		
4	0	LS	Talmage Electrical		
5	0	LS	Talmage Flagpole		
6	0	LS	Talmage Restroom		
7	1	LS	City Park Site Work		
8	764	LF	City Park Electrical (sod)		
9	41	LF	City Park Electrical (street)		
10	177	LF	City Park 2 inch Water		
11	36	LF	City Park Water Service		
12	84	LF	City Park Sewer Lateral		
13	1	LS	City Park Restroom		
14	360	SF	Concrete Flatwork		
				<b>Total Bid</b>	

EA is each; LF is linear foot; LS is lump sum; SF is square foot

In the event the total amount for an individual bid item does not agree with the product of the estimated quantity and unit price bid for that item, the unit price stated for the individual item shall govern and the incorrect total amount for that item shall be corrected. In the event the Total Bid does not agree with the sum of the total amounts bid for the respective bid items, the total amounts for the respective bid items shall govern and the incorrect Total Bid shall be corrected.

Unit prices for all items, extensions and total amount of bid must be shown. The proposal submitted shall be in effect for 30 days after the opening of bids.

Accompanying this proposal is a deposit in the form of a \_\_\_\_\_(Insert words "certified check", "cashier's check", "bid bond", "cash", or appropriate description of substitute security, as the case may be) in the amount of \$\_\_\_\_\_ which amount is not less than 10% of the total bid, payable to the CITY OF BISHOP.

The undersigned deposits the above-named security as a proposal guarantee and agrees that it shall be forfeited to the City in case this proposal is accepted by the City and the undersigned fails to execute a contract with the City as specified in the contract documents or fails to furnish the required payment bond, or substitute, and insurance certificates and endorsements. Should the City be required to engage the services of an attorney in connection with the enforcement of this bid, bidder promises to pay City's reasonable attorneys' fees, incurred with or without suit.

The names of all persons interested in the foregoing proposals as principals are as follows. If bidder is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a general partnership, state true name of firm, also names of all individual partners composing firm; if a limited partnership, the names of all general partners and limited partners; if an individual, state first and last names in full; if the bidder is a joint venture, state the complete name of each party.

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Authorized Bidder Representative:

Name (typed or printed): \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
*(Individual's signature – attach evidence of authority to sign)*

Title: \_\_\_\_\_

**Bid Bond**

(10% of Total Bid Amount)

We, \_\_\_\_\_ as Principal,  
and \_\_\_\_\_ as Surety,  
jointly and severally, bind ourselves, our heirs, representatives, successors and assigns, as set forth herein to the

City of Bishop, California

(herein called City) for payment of the penal sum of \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_), lawful money of the United  
States. Principal has submitted the accompanying bid for the construction of

**Parks Restrooms Project**

If the Principal is awarded the contract and enters into a written contract, in the form prescribed by the City, at the price designated by his bid, and files two bonds with the City, or substitute security in lieu thereof, one to guarantee payment for labor and materials and the other to guarantee faithful performance, in the time and manner specified by the City, and carries all insurance in type and amount which conforms to the contract documents, and furnishes required certificates and endorsements thereof, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Forfeiture of this bond, or any deposit made in lieu thereof, shall not preclude the City from seeking all other remedies provided by law to cover losses sustained as a result of the Principal's failure to do any of the foregoing.

Principal and Surety agree that if the City is required to engage the services of an attorney in connection with the enforcement of this bond, each shall pay City's reasonable attorney's fees incurred with or without suit.

Executed on \_\_\_\_\_

\_\_\_\_\_  
PRINCIPAL

(Seal of Corporation)

By \_\_\_\_\_

Title \_\_\_\_\_

(Attach Acknowledgment of Authorized Representative of Principal)

Any claims under this bond may be addressed to:

\_\_\_\_\_ (Name and address of Surety)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (Name and address of Surety's agent for service of  
process in California, if different from above)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (Telephone number of Surety's agent in California)

(Attach Acknowledgement)

\_\_\_\_\_ SURETY

By \_\_\_\_\_  
(Attorney-in-Fact)

**Non-collusion Declaration**

The undersigned declares:

I am the \_\_\_\_\_  
of \_\_\_\_\_,  
the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on

Date \_\_\_\_\_ at

City, State \_\_\_\_\_

Signature \_\_\_\_\_

Printed Name \_\_\_\_\_

**Contractor's Certificate Regarding Worker's Compensation**

Description of Contract: City of Bishop **Parks Restrooms Project**

Labor Code Section 3700 Provides (in part):

“Every employer except the State shall secure the payment of compensation in one or more of the following ways:

- A. By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.
  
- B. By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.”

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

Dated: \_\_\_\_\_  
\_\_\_\_\_ (Contractor)

By \_\_\_\_\_  
\_\_\_\_\_ (Official Title)





**Licenses**

The following licenses are required for this project:

- Class A – General Engineering Contractor (with Class B subcontractor) or
- Class B – General Building Contractor (with Class A subcontractor)
- In addition to contractor licenses, commercial modular building manufacturer, dealer, and distributor licenses, as appropriate, issued by the California Department of Housing and Community Development

These classifications are provided for information purposes only. The Engineer does not warrant that all classifications required for the project are listed.

It is the City’s intent that “plans,” as used in Public Contract Code Section 3300, is defined as the construction contract documents, which include both drawings and specifications.

The contractor hereby confirms that it has all licenses and permits required by federal, state, and local statutes, regulations, and ordinances including the licenses listed below:

<u>License Number</u>	<u>Expiration Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

I state under penalty of perjury that all information submitted by me and included in this contract is true and correct.

Signature of Bidder: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dated: \_\_\_\_\_

**City of Bishop Local Business Verification**

Complete and submit this form to claim Local Business status pursuant to Chapter 3.26, Contracting Preferences, of the Bishop Municipal Code.

Business: \_\_\_\_\_

Contact: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

Bid or Project: \_\_\_\_\_

1. **Business Location:** Provide street addresses or locations of your business for the past six months. Indicate if headquarters, distribution point, or locally-owned franchise.

Addresses or Locations	Headquarters, Distribution Point, or Franchise
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2. **Business License:** Provide issuing jurisdiction and number of local business license and attach a copy. Indicate if no license is required.

Jurisdiction	License number
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3. **Business Employment:** Provide the name and street address of one full-time employee or names and street addresses of two part-time employees employed by your business. If your business has no employees, provide the names and street addresses of local business owners that own 50% or larger share of business.

	Name 1	Name 2
Name:	_____	_____
Street:	_____	_____
City, State, ZIP:	_____	_____
Full, Part Time, or Share:	_____	_____

**Certification:** I acknowledge I have read and understand the criteria for contracting preferences as defined under Chapter 3.26 of the Bishop Municipal Code. I swear and affirm under penalty of perjury that the above information is true and correct and that the business listed above is qualified and eligible to receive a local preference. Bishop Municipal Code available at [www.cityofbishop.com](http://www.cityofbishop.com) or at City Hall.

Signature	Title	Date
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## Agreement

THIS AGREEMENT, made and entered into by and between the

City of Bishop, California

hereinafter referred to as “CITY” and

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a corporation under the laws of the state of \_\_\_\_\_;

hereinafter referred to as “CONTRACTOR”.

CITY and CONTRACTOR agree as follows:

1. **SCOPE OF WORK:** Contractor shall furnish all materials and shall perform all of the work for the construction of the Parks Restrooms Project in accordance with this agreement and the other contract documents. The scope of work shall be for Construction Option \_\_\_\_\_.
2. **TIME FOR COMPLETION:** The work shall be completed within the times set forth in the contract documents. Time is of the essence and forfeiture due to delay will be assessed as provided for in the contract documents.
3. **CONTRACT SUM:** CITY will pay CONTRACTOR as described in the Contractor bid and the rest of the contract documents.
4. **PAYMENTS:** Payment will be made in accordance with the contract documents. The filing of the notice of completion by CITY shall be preceded by acceptance of the work made only by an action of the City Council.
5. **COMPLIANCE WITH PUBLIC CONTRACTS LAW:** CITY is a public agency in the State of California and is subject to the provisions of law relating to public contracts. It is agreed that all provisions of law applicable to public contracts are a part of this contract to the same extent as though set forth herein and will be complied with by CONTRACTOR.
6. **CONTRACT DOCUMENTS:** The complete contract includes all of these documents:
  - Notice to Bidders
  - Bid Form
  - Agreement
  - Payment Bond

- Worker’s Compensation Certificate
- Special Provisions
- Other referenced documents

This Agreement is executed by the CITY pursuant to an action of its Governing Body in session on \_\_\_\_\_, authorizing the same, and CONTRACTOR has caused this Agreement to be duly executed.

Dated:

\_\_\_\_\_ By \_\_\_\_\_  
City Administrator

Dated:

\_\_\_\_\_ By \_\_\_\_\_  
(Contractor)

Title:

\_\_\_\_\_

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney

**Payment Bond**

(100% of the Agreement Amount)

We, \_\_\_\_\_ as Principal,

and \_\_\_\_\_ as Surety,  
jointly and severally, bind ourselves, our heirs, representatives, successors and assigns, as set forth  
herein to the

**City of Bishop**

(herein called City) for payment of the penal sum of \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_), lawful money of  
the United States. City has awarded Principal a contract for the construction of

**Parks Restrooms Project**

If Principal or any of his subcontractors fails to pay any of the persons named in Section 3181 of the California Civil Code, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract or during the one-year guarantee period, or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax board from the wages of employees of the contractor and his subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to such work and labor, then Surety will pay the same in an amount not exceeding the sum specified above, and also will pay, in case suit is brought upon this bond, such reasonable attorney's fees as shall be fixed by the court.

This bond shall insure to the benefit of any of the persons named in Section 3181 of the California Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Surety agrees that no change, extension of time, alteration, or addition to the terms of the contract, or the work to be performed there under, or the plans and specifications shall in any way affect its obligation on this bond, and it does hereby waive notice thereof.

Principal and Surety agree that if the City is required to engage the services of an attorney in connection with the enforcement of this bond, each shall pay City's reasonable attorney's fees incurred with or without suit, in addition to above sum.

Executed in two original counterparts on  
20\_\_\_\_

\_\_\_\_\_

PRINCIPAL

(Seal of Corporation)

By \_\_\_\_\_

Title \_\_\_\_\_

Any claims under this bond may be addressed to:

\_\_\_\_\_ (Name and address of Surety)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (Name and address of Surety's agent for  
service of process in California, if different  
from above)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (Telephone number of Surety's agent in  
California)

(Attach Acknowledgement)

\_\_\_\_\_  
SURETY

By \_\_\_\_\_  
(Attorney-in-Fact)

APPROVED:

\_\_\_\_\_  
(Attorney for CITY)

## Special Provisions

### **A. GENERAL PROVISIONS**

#### **1. GENERAL**

Unless otherwise stated, the work embraced herein shall be done in accordance with the 2010 Standard Specifications and the Standard Plans of the State of California, Department of Transportation insofar as the same may apply and in accordance with these Special Provisions. Copies of the Standard Plans and the Standard Specifications may be obtained from the Department of Transportation. In addition the City of Bishop Specifications for Domestic Water and Sanitary Sewer System (1991) shall also apply. Copies may be obtained from the City of Bishop Public Works Department.

When approved by the Engineer, forms, documents, and standards equivalent to those specified may be used.

In the event of conflict between these Special Provisions, the project plans, the City of Bishop Specifications for Domestic Water and Sanitary Sewer System, the Standard Specifications, and the Standard Plans the order of precedent shall be these Special Provisions over the project plans over the technical specifications of the City of Bishop Specifications for Domestic Water and Sanitary Sewer System over the Standard Specifications over the remaining sections of the City of Bishop Specifications for Domestic Water and Sanitary Sewer System over the Standard Plans.

#### **2. GLOSSARY**

All definitions and terms in Section 1-1.07B, Glossary, of the Standard Specifications shall apply, except whenever the following terms are used the intent and meaning shall be as follows.

**Bid Item List:** The bid form corrected for math errors.

**Contract:** Executed agreement between the City and Contractor.

**Contract Documents:** The documents which make up the Contract, including any and all documents incorporated therein; also, any and all written agreements between the City and Contractor which amend or change the Contract. Referred to as the Bid Book in the Standard Specifications.

**City:** The City of Bishop, State of California, working through its Public Works Department.

**Department:** The Public Works Department of the City of Bishop.

**Director:** The Public Works Director of the City of Bishop.

**Department of Transportation:** The Public Works Department of the City of Bishop, except when Department of Transportation publications are cited, such cites are to remain as written and refer to the State of California, Department of Transportation, also known as Caltrans.

**Engineer:** The Public Works Director of the City of Bishop, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties delegated to them.

**Laboratory:** The Laboratory of the Public Works Department or other laboratories authorized by the Public Works Department of the City of Bishop to test materials and work involved in the Contract.

**Office Engineer:** The Public Works Director of the City of Bishop.

**Owner:** The City.

**State or State of California:** The City except when State publications or standards are cited, such cites are to remain as written and refer to the State of California.

### **3. CHANGES TO STANDARD SPECIFICATIONS**

The following sections are deleted from the Standard Specifications:

2-1.02, Bid Ineligibility

2-1.06, Bid Documents

2-1.18, Small Business and Non-Small Business Subcontractor Preferences

2-1.27, California Companies

2-1.33D, Opt Out of Payment Adjustments for Price Index Fluctuations

3-1.08, Small Business Participation Request

3-1.11, Payee Data Record,

Delete item 2 in Section 3-1.05, Contract Bonds

Delete the numbered list in Section 3-1.18, Contract Execution

Deleted the second and third paragraphs of Section 2-1.33A, Bid Document Completion - General.

Modify Section 5-1.23, Submittals, to identify each sheet by the project name.

Delete the column "Umbrella or excess liability" from Liability Limits table of Section 7-1.06D(2), Liability Limits / Additional Insureds.

### **4. PROPOSAL REQUIREMENTS**

The bidder's attention is directed to the provisions in Section 2, Bidding, of the Standard Specifications and these special provisions for the requirements and conditions which the bidder must observe in the preparation and the submission of the bid. Subcontracting Request forms are not required but each proposal shall list the portion of work that will be done by each subcontractor. A sheet for listing the subcontractors is included in the Proposal.

The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract.

## **5. BONDS**

The Contractor, simultaneously with the execution of the contract, shall furnish a payment bond in an amount equal to 100 percent of the contract amount, or equivalent cash or security in lieu of bonds pursuant to Section 995.710 of the Code of Civil Procedures. Bonds shall be furnished by surety companies satisfactory to the City on the forms furnished as part of the contract documents. Surety companies, to be acceptable to the City, must be authorized to do business and have an agent for service of process in California.

## **6. INSURANCE**

In addition to insurance requirements of the Standard Specifications, the building supplier must provide Professional Architectural and Engineering Errors and Omissions insurance, in the minimum amount of \$2,000,000, to cover claims against the owner or the general contractor for State and Federal accessibility and other design/engineering code issues. This Errors and Omission Policy must remain in effect for 5 years from the completion of the project.

## **7. SCOPE OF WORK**

The scope of the work shall consist of the installation of prefabricated public restroom buildings including underground water, sewer, and electrical utilities, site preparation, and building installation. The project includes furnishing of all labor, implements, tools, machinery, materials and all other work required to complete the project. described in the contract documents for the **Parks Restrooms Project** and as provided in the improvement plans.

## **8. PRE-CONSTRUCTION CONFERENCE**

Prior to issuance to the Notice to Proceed, the City will hold a pre-construction conference for the purpose of discussing essential matters pertaining to the pursuit of the satisfactory completion of the project. The Contractor's representatives at this conference shall include all major superintendents for the work and may include subcontractors.

## **9. CONSTRUCTION STAKES**

Staking for the project shall consist of the elevation benchmarks noted on the plans and stakes or marks referencing two corners of each restroom. The contractor shall be responsible for all other staking.

## **10. SUBMITTALS**

In addition to submittals required in the Standard Specifications and elsewhere in these Special Provisions, the Contractor shall submit the following information to the City 7 working days prior to beginning of work for review and approval.

- a) A schedule of work conforming to Section 8-1.02B, Level 1 Critical Path Model Schedule, of the Standard Specifications.
- b) A health and safety plan.
- c) A traffic control plan

Each submittal shall include a cover sheet clearly describing the purpose of the submittal and containing a statement that the contractor has examined and verified all field dimensions and measurements, field construction criteria, materials, and similar data, and they meet the

requirements for the project. Submittals shall provide sufficient information to determine that the item is in compliance with the requirements.

Submittals are required for items including for the following:

- a) Restroom structure
- b) Plumbing equipment and fixtures
- c) Electrical equipment and fixtures
- d) Other equipment, fixtures, and features

## **11. PERMITS AND LICENSES**

The following permits and licenses are known to be required for the work:

- a) City of Bishop Business License
- b) California Contractors License Classification A (required for bid items 3, 7, 8, 9, 10, 11, and 12).
- c) California Contractors License Classification B (required for bid items 6 and 13).

The prime contractor on this project may be either an Classification A or Classification B. The bid items listed in this section shall be completed by the contractor or subcontractor with the specified license.

## **12. TIME OF COMPLETION**

Except for bid items 1, 6, and 13, the Contractor shall have 25 working days to complete the work. Contract time for bid items other than bid items 1, 6, and 13 shall begin as specified in the Standard Specifications. For bid items 1, 6, and 13, the contractor shall have the additional working days indicated in the bid.

## **13. LIQUIDATED DAMAGES**

Liquidated damages shall be \$1000 per day.

## **14. MEASUREMENT AND PAYMENT**

All work will be measured and paid for as shown on the bid form and the contract documents.

Item quantities shall be measured by planned, actual, or lump sum in accordance with these special provisions. Item quantities to be measured for payment by planned quantities shall be based on theoretical or calculated quantities of completed work based on the plans. Item quantities to be measured for payment by actual quantities shall be determined by measurement of completed work.

The price paid for bid items shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in completing those items of work complete in place in accordance with the contract documents.

When the contract does not include a contract pay item for work required by the contract, full compensation for that work is included in the prices paid for the contract pay items included in the contract.

The Contractor with assistance from the City shall, on or before the tenth day of each calendar month after construction work is started, cause an estimate in writing to be made of the value of the work completed.

A request for payment shall be submitted by the Contractor each month and upon completion of all work for approval and payment by the City.

The City shall retain 10 percent of the estimated value of the work done and 10 percent of the value of materials so estimated to have been furnished and delivered and unused or furnished and stored as aforesaid as part security for the fulfillment of the contract by the Contractor, except that at any time after 20 percent of the work has been completed, if the Engineer finds that satisfactory progress is being made, the City may reduce the total amount being retained from payment pursuant to the above requirements to 5 percent of the estimated value of the work and materials and may also reduce the amount retained from any of the remaining partial payments to 5 percent of the estimated value of the work and materials. In addition, on any partial payment made after 95 percent of the work has been completed, the Department may reduce the amount withheld from payment pursuant to the requirements of this section to such lesser amount as the Department determines is adequate security for the fulfillment of the balance of the work and other requirements of the contract, but in no event will that amount be reduced to less than 125 percent of the estimated value of the work yet to be completed as determined by the Engineer.

Attention is directed to the provisions in Sections 10262 and 10262.5 of the Public Contract Code concerning prompt payment to subcontractors.

#### **15. RESOLUTION OF CLAIMS**

All public works claims between the Contractor and City relating to this contract where the total claims of both parties are equal or less than \$375,000 shall be resolved in accordance with Public Contract Sections 20104 et seq., which are incorporated herein by reference. There shall be no claims for labor compliance issues.

#### **16. TRAFFIC CONTROL**

The contractor's traffic control plan shall include, but not be limited to, the following:

- Construction signing
- Types and location of traffic control devices
- Draft notification letters

The plan shall conform to the California Manual of Uniform Traffic Control Devices.

The City Engineer will review the submittal and provide written comments on the proposed plan. Upon resolution of issues the Engineer shall accept the plan in writing.

Acceptance by the Engineer of a traffic control plan shall in no way relieve the Contractor of his responsibility for safety. Acceptance of the traffic control plan by the City Engineer indicates that the plan generally appears to conform to the contract requirements. Such acceptance shall in no way be construed as confirmation of the technical accuracy or adequacy of the contents of the plan and shall not relieve the Contractor of the obligation to institute traffic control measures in full compliance with contract requirements, and which function safely and correctly, and are in conformance with applicable statutes, ordinances, and regulations.

Notifications: Draft notifications to properties shall be submitted to the Engineer for review and approval before Contractor distributes notices. The Contractor shall submit a copy to the Engineer of all notifications delivered.

The Contractor shall prepare and deliver project information notices to all properties adjacent to the project to ensure properties receive the notices no less than 7 calendar days prior to beginning any construction. The notice will include:

- Impacts of construction to property
- General scope of project including description of project and limits, hours and days of operation, phasing information, lane closure, and parking restrictions
- Contractor contact and telephone number
- Other appropriate information requested by the Engineer.

When temporary full-street and driveway closures are necessary for vehicles, the Contractor shall notify the affected properties 3 working days prior to each closure event.

Flagging: Flagging shall be paid entirely by the contractor. Assigned flaggers must control traffic and warn public of any dangerous conditions results from work activities. All flaggers must maintain flagging apparel. Flaggers shall be used during active construction operations whenever one-way traffic control is used on a two-way street.

Open Trenches and Excavation: Except for the minimum area needed to resume construction the following day, trenches and excavation shall be plated or backfilled and compacted to at least the bottom of the pavement section by the end of each work day.

Phasing and Access Requirements: No more than one block shall be closed to vehicle traffic at a time. Except at isolated locations, at least two smooth firm lanes at least 11 feet wide shall be open on all two way streets when construction operations are not underway. At isolated locations at least one smooth firm lane at least 11 feet wide shall be open on all streets when construction operations are not underway.

## **17. AS BUILT RECORDS**

The Contractor shall furnish as-built information of the project. The information shall include all cases where construction differs from design and shall include single line electrical diagrams of each restroom installation. All concealed work, including but not

limited to all utility locations shall be referenced. Dimensions shall be shown from easily identifiable and durable reference points.

### **18. GENERAL SAFETY**

Contractor shall transmit to the City copies of reports and other documents related to accidents and injuries encountered during this work. Where there is conflict between applicable safety orders, laws and regulations and policies, the more stringent measures shall apply.

### **19. CHEMICALS**

The Contractor shall provide two copies of Material Safety Data Sheets to the City for all chemicals used during this project at least three days prior to bringing them on site. Use of all such chemicals and disposal of residues shall be in strict accordance with the printed instructions of the manufacturer.

If the Contractor encounters hazardous substances during this work, he shall immediately notify the City and the County Environmental Services Office. Hazardous substances shall be disposed of in accordance with the requirements of Inyo County Department of Environmental Health.

## **B. BID ITEMS**

### **1. Submittals**

Submittals shall include 3 paper and one electronic copy construction drawings of the restrooms, including sealed architectural, structural, plumbing, and electrical, stamped by a licensed California engineer or architect to meet the conditions at the site. Construction drawings shall include utility dimensions and locations, and color selections for exterior, roofing, doors and trim. After authorization by the Engineer, Submittals include obtaining California Housing and Community Development Commercial Modular Division approval for the Restrooms, if applicable. Submittals shall be measured lump sum and shall be paid 75% after all submittals are provided by contractor and the remaining 25% after submittals are authorized.

### **2. Mobilization**

Mobilization shall be measured lump sum.

### **3. and 7. Site Work**

Site Work shall include grading, building pad construction, and foundation. Site Work shall be measured lump sum.

### **4. Talmage Electrical**

Talmage Electrical shall include underground electrical conduit with conductors installed by others unless provided otherwise. Talmage Electrical shall include traffic rated pull box at angle point in 3 inch conduit west of restroom building. Talmage Electrical shall include relocating existing electrical panel functions to restroom utility chase. Relocating electrical panel shall include removing existing electrical panel, constructing new conduit between existing electrical panel location and new panel location in restroom utility chase, placing pull box at existing electrical panel location, splicing and installing new conductors between existing electrical panel and new electrical panel in restroom utility chase, and connecting to breakers in new electrical panel. Backfill of electrical conduit shall conform to Pipe Bedding and Backfill standard detail. Talmage electrical shall be measured lump sum.

### **5. Talmage Flagpole**

Talmage Flagpole shall be aluminum, include engineered footing, 25 to 30 feet high above ground level, capable of withstanding the effects of wind loads in accordance with NAAMM FP 1001-07, "Guide Specifications for Design of Metal Flagpoles", or to specified wind speed for restrooms, whichever is more stringent, while supporting two standard flags. Talmage flagpole shall be measured lump sum.

### **6. and 13. Restrooms**

Restrooms shall be prefabricated and shall conform to the provisions for restrooms and shall include connection to water and sewer. Connection to electrical service at the City Park site shall be coordinated with Southern California Edison. Inline sewer cleanouts shall be provided at the exterior of the restroom buildings. Restrooms work shall be allowed additional working days included in the bid. Restrooms shall include a 5 year warranty that the restrooms are of good quality, free of faults and defects in material, workmanship, and

title. Restrooms shall include placement of aggregate base and course sand as shown on the plans. Course sand shall conform to the provisions for 3/16 inch crushed rock. Restrooms shall be measured lump sum.

**8. and 9. City Park Electrical**

City Park Electrical shall include underground electrical conduit with conductors installed by others. Electrical conduit may be installed in same trench as water lines if proper separation is provided. Backfill of electrical conduit shall conform to Pipe Bedding and Backfill standard detail except that where ground surface is sod, backfill in trench and street zones shall be firmly compacted native material. Electrical in street shall be measured from back of curb to back of curb. Electrical shall be measured actual for each conduit placed.

**10. City Park 2 inch Water**

City Park 2 inch Water shall conform to standard specifications for plastic pipe for irrigation supply lines and shall include locator tape and wire. City Park 2 inch Water shall include a control valve with at point of connection to existing 4 inch water with box and riser. Connection to 4 inch water shall be by tap and saddle. City Park 2 inch Water shall be measured actual.

**11. City Park Water Service**

City Park Water Service shall conform to the standard detail for 1 inch Water Service except that corporation stop and service saddle are not required. City Park Water Service shall be measured actual.

**12. City Park Sewer Lateral**

City Park Sewer Lateral shall be 4 inch PVC. City Park Sewer Lateral may attach to sewer line with single gasket PVC sewer saddle wye. Sewer laterals shall be measured actual.

**14. Concrete Flatwork**

Concrete Flatwork shall include 4 inches of aggregate base and cutting or filling to provide a smooth transition to areas adjacent to concrete. Concrete Flatwork shall be doweled at 30 inches on center to existing sidewalk where they are adjacent. Concrete Flatwork shall be measured actual.

## **A. MATERIALS AND RESTROOMS**

### **1. Portland Cement Concrete**

Except for restroom structure above and including slab, concrete shall be minimum 3,600 pounds per square inch at 28 days, with 5% air entrainment, and fiber such as 711 Materials, Mix 650016F4, or equal, as approved by the Engineer.

### **2. Conduit**

Electrical conduit outside of restroom structure shall be Type 3 placed 24 inches minimum below finish grade.

### **3. PVC Sewer Pipe**

Sanitary sewer outside of restroom structure shall be plastic pipe. Sewer pipe shall be Standard Dimension Ratio (SDR) 35 polyvinyl chloride (PVC) solid wall sewer pipe made of compounds conforming to ASTM D1784 and manufactured in accordance with the material requirements of ASTM D3034 or ASTM F679. Sewer pipe shall meet all dimensional, chemical, and physical requirements as outlined in ASTM D3034 and ASTM F679 or ASTM F679 ANNEX. Sewer pipe shall be installed according to the requirements of ASTM D2321. Joints shall meet the requirements of ASTM D3212 and shall be formed using a Rieber gasket system for sealing that meets the requirements of ASTM F477.

### **4. Synthetic Fiber Reinforcement**

The synthetic fibers specified shall conform to the requirements of ASTM C1116, Section 4.1.3 and Note 3, as well as International Conference of Building Officials Evaluation Service (ICBO ES) Acceptance Criteria 32, Sections 4.1.1 and 4.1.2. Both of these specifications apply to the use of synthetic fibers as secondary reinforcement in concrete. At the request of the project engineer the synthetic fiber vendor shall furnish a Letter of Certification stating compliance with these specifications and signed by a registered Professional Engineer.

Synthetic fibers shall be either nylon multifilament fiber or polypropylene collated fibrillated fiber or monofilament fiber.

Nylon multifilament or polypropylene monofilament fibers shall be introduced at the rate of 1 pound per cubic yard at the standard length of  $\frac{3}{4}$  inch.

Polypropylene collated fibrillated fiber shall be introduced at the rate of 1.5 pounds per cubic yard at the standard length of  $\frac{3}{4}$  inch.

Synthetic fibers shall be added at the concrete batch plant and mixed with the other ingredients for 3 to 5 minutes. The concrete producer shall list the type and quantity of synthetic fiber added on each delivery ticket.

### **5. Aggregate Base**

Aggregate base shall be Class 2 and may be 100 percent reclaimed material.

**6. Crushed Rock**

Crushed rock shall be the product of crushing rock or gravel. The portion of the material that is retained on a 3/8-inch sieve shall contain at least 50 percent of particles having three or more fractured faces. Not over 5 percent shall be pieces that show no such faces resulting from crushing. Of that portion which passes the 3/8-inch sieve but is retained on the Number 4 sieve, not more than 10 percent shall be gravel particles. Crushed rock will be designated by nominal size and shall conform to the following gradations:

Sieve Size	Percent Passing		
	1"	3/4"	1/2"
1 1/2 inch	100	-	-
1 inch	90-100	100	-
3/4 inch	30-60	90-100	100
1/2 inch	0-20	30-60	90-100
3/8 inch	-	0-20	20-60
Number 4	0-5	0-5	0-15
Number 8	-	-	0-5
ASTM C 131 Test Grading	A	B	B

Sieve Size	Percent Passing			
	3/8"	1/4"	3/16"	Rock Dust
1/2 inch	100	-	-	-
3/8 inch	90-100	-	-	100
1/4 inch	-	100	-	-
Number 4	30-60	75-100	100	90-100
Number 8	0-10	0-25	40-75	-
Number 16	-	0-5	0-10	-
Number 30	-	-	-	20-60
Number 200	-	0-2	0-2	5-20
ASTM C 131 Test Grading	C	D	D	-

Crushed rock shall meet the following requirements:

TEST	Test Method Number	Requirements in percent
Percentage Wear	ASTM C 131	
100 Revolutions		15 Maximum
500 Revolutions		52 Maximum

**7. Restrooms**

Building Code Summary: Restrooms shall meet current building codes applicable to pre-fabricated buildings in the City of Bishop. See current building codes for definitive information. The following summary is provided for general reference only:

- 2013 version California Building Codes
- Soil Site Class - D

- Seismic Design Category - D1
- Wind Load - 90 miles per hour, exposure B
- Ground Snow Load - 50 pounds per square foot
- Energy Zone - 16

General: Talmage Park Restroom shall be Public Restroom Company Model PS-022-CE or equal. City Park Restroom shall be Public Restroom Company Model SS-242, Romtec 2081, or equal. Restrooms shall be engineered to meet specific site conditions.

“Or equal” substitutions: Proposals to use “or equal” restrooms will require all information demonstrating that proposed or equal product is functionally and aesthetically equivalent to specified products. Proposals shall include:

- Scaled floor plans and elevations, to show general architectural design intent is met.
- Written list of deviation from specified products.
- List of every building provided over the last 3 years utilizing the same building materials/systems design criteria as published in this bid. Provide date of building bid, date of completion, and most knowledgeable owner contact.
- Evidence building manufacturer has 10 years of experience in restroom building engineering, design, supply, and construction.

Licensing: Prefabricated restrooms shall comply with State of California Department of Housing and Community Development (HCD) requirements for commercial modular buildings including manufacturer and dealer licensing requirements. Restroom manufacturers shall have been continually licensed by HCD as a commercial building manufacturer for the last 5 years.

Certificate of Compliance: Restrooms shall include a certificate of compliance to indicate compliance with plans, specifications, and codes.

Mat Engineered Concrete Building Slab/Foundation:

- A certification of test compliance from a national independent testing laboratory (within the past year) shall be provided to support the claim for absorption resistance of the slab type that will be used in their proposed restrooms. The written report must state the concrete compressive strength (minimum of 7,000 pounds per square inch) and absorption resistance (not greater than 3%) per ASTM C39 and C642, respectively.
- The slab/foundation shall be 8 inches thick and engineered and constructed to withstand the transportation weight of the building without cracking and to resist absorption from any liquids deposited on the surface.
- The slab shall include a steel perimeter curb of 6 inch by 6 inch welded continuous angle, 5/16 inch thick, from 50,000 pounds per square inch steel.

- The slab shall include two layers of 40,000 pounds per square inch steel rebar, including a perimeter structural continuous grade beam.
- Rebar mats shall be wire tied with a minimum of three turns of the wire and overlaps shall be minimum of 15 diameters for any connection.
- Slab openings shall be surrounded with two layers of steel collars to stop corner cracking and to reinforce the openings for lifting.
- Slab shall provide engineered lifting locations with sufficient reinforcement to allow the safe lifting of the entire designed weight of the structure with dual 1 inch steel bolts and washers at each lifting location. Each lifting locations shall be fitted with removable 8 inch by 8 inch welded continuous angle, 3/4 inch thick, of 50,000 pounds per square inch steel angles.
- Slab shall be poured over a 1 inch thick steel plate table. The concrete mix design shall not exceed a 3 inches slump and shall be stinger vibrated for maximum consolidation.
- Slab shall slope to any floor drains within each room and if no floor drain is present the floor should not slope. Slope of slab shall prevent puddling.
- The slab surface shall be a very light broom that should meet a coefficient of friction of 0.06.
- The steel perimeter curb shall remain below the finished surface by nominal two inches to prevent corrosion. Where present, concrete joints at perimeter curb shall be full flow sealed with self-leveling grey urethane caulk to prevent penetration of water into the joint.
- Threaded openings at lifting locations shall be protected so that they will be available for future use if needed.

#### Exterior Masonry Block Walls:

- Exterior walls shall be split face masonry block. Color shall be selected by Engineer.
- Exterior wall color options shall be provided as part of submittals.
- Building corners shall have special corner return block that matches the exterior finish and creates a uniform appearance.

#### Interior Wall Finish:

- Interior precision masonry block walls shall be smoothed to a pebble grain finish with 2-4 mil layers of 7-day curing block fillers and painted with two additional 4 mil layers of industrial high solids white industrial grade enamel.
- Pony, gable walls, and ceiling shall be wood-framed, sheared, surfaced with fiber cement board or moisture-resistant gypsum board, and painted white with industrial high solids enamel.

### Roof System:

- The roof structure shall be engineered 8 inch thick structural insulated panels with ice and water shield membrane and 26 gauge standing seam metal roof panels. The rake and fascia shall be 14 gauge formed steel.
- Roof shall be designed to reduce vandals climbing on roof and to obtain proper fan free ventilation.
- The restroom ventilation screens shall be attached to the truss frames and non-removable by vandals.

Gable Ventilation System: Gable Ventilation System shall be woven ¼ inch by 1.5 inch by 1.5 inch, 304T, stainless steel wire mesh set in welded stainless steel angles attached to the masonry block wall with vandal resistant stainless steel screws.

### Doors:

- The doors shall be 7 foot high, custom fabricated, 14 gauge steel; reinforced with concealed 14 gauge steel ribs welded at 6 inch intervals on each face; reinforced with a welded plate for door closer mounting. Doors shall be hung on a single continuous, 1 million cycle, aluminum gear hinge with stainless steel vandal resistant screws at nominal 4 inches on center. Custom fabricated 14 gauge steel door jambs with 4 inch steel heads shall be welded to the steel cap beam and be solid filled with 3000 pounds per square inch masonry grout.
- All entry doors shall have a 1/8 inch thick plate stainless steel “Z-shaped” anti-microbial pull handles with integral latch guard (latch guard on utility chase door only) and Schlage B-600 series commercial series dead bolts.

### Plumbing:

- **GENERAL:** All components and fabrications shall be designed to reduce life cycle maintenance, be compatible with current maintenance spare parts, and shall be listed in a spare parts/maintenance manual (two copies) delivered in utility chase of building.
- **WATER PIPING:** Water piping shall be commercial grade PEX above grade and type K below grade. All water piping shall be designed and constructed with high and low point drain fittings. All piping shall be mounted on Uni-strut wall brackets with neoprene isolators.
- **WATER PRESSURE GAUGES:** Restrooms shall be equipped with three commercial grade industrial water pressure gauges, one on incoming line, one at pressure regulator valve and one after water filter.
- **WATER FILTER AND PRESSURE REGULATOR:** Restrooms shall be equipped with 150 pounds per square inch pressure regulator with wye strainer and 10-micron water filter including clear canister and check valve.
- **PLUMBING FAUCETS, ISOLATION VALVES AND ACTUATORS:** All fixtures except those with flush valves shall be isolated with ball valves for each fixture,

concealed antimicrobial impregnated flush handle valves, and metered push-button lavatory faucets.

- **DRAIN-WASTE-VENT (DWV) PIPING:** DWV piping shall be concealed behind the wall. DWV piping shall be PVC DWV, solvent welded, for all concealed piping. A cast iron no hub DWV vent pipe with a cast iron roof mounted vandal cap vent shall be provided, through the roof.
- **REMOVABLE PIPE TRAPS:** All floor drain, sink drain, and waste traps shall be removable for maintenance. Floor drains shall be trapped behind the wall in the utility chase using a combination waste and vent system. Floor drains shall be increased two pipe sizes over standard. Trap primers for restroom floor drains shall not be used. All surface mounted utility chase piping shall be mounted on Uni-strut with plastic isolators to code. Sink drain traps shall be concealed behind the utility chase walls where maintenance staff can access all plumbing.
- **PLUMBING FIXTURES:** Plumbing fixtures should be 14 gauge stainless steel manufactured by Acorn. Toilets shall be wall hung, rear discharge, with concealed antimicrobial, lever-type, flush valves. Toilet seats shall be black solid core plastic, non-flammable construction with continuous stainless steel concealed self-checking hinges. Lavatories shall have concealed remote traps behind the mechanical wall. Schedule of fixtures:
  - Water Closets: Acorn Penal-Ware, 1675-W-1-HET-FVBO-9-ADA-PFS
  - Water Closet Flush Valve: Zurn Z6143AV-WS1-BG-7L
  - Urinal: Acorn Penal Ware: Acorn 1709HEU-1-0.5 GPF-FVBO
  - Urinal Flush Valve: Zurn Z6195AV-WS1-BG-7L
  - Lavatories: Acorn Penal-ware 1652LRB-1-DMS-03-M-H1
- **FLOOR GRATES:** Removable 350 pounds per square foot rated pultruded fiberglass non-skid floor grates shall be installed over every floor opening in the utility chases.
- **HOSE BIB:** There shall be one Woodford 24B hose bib provided in each utility chase.

Electrical:

- **GENERAL:** Electrical system and components shall be commercial grade or better and piping conduits shall be installed on commercial Uni-strut wall hangers. Interior and exterior electrical lighting fixtures in public areas shall provide lifetime manufacturer's warranty.
- **CITY PARK PANEL/WIRING:** One 200 amp, 120/208v, 3-phase, industrial grade combination meter socket / load center panel board, Square "D" QO series, 200 amp main circuit breaker, 30 circuit space, or equal shall be mounted in the utility chase in the restroom building. All breakers shall be snap-on type, minimum 10,000 A.I.C. RMS (Sym). Cable shall be appropriate gage for current and in EMT piping with compression fittings.

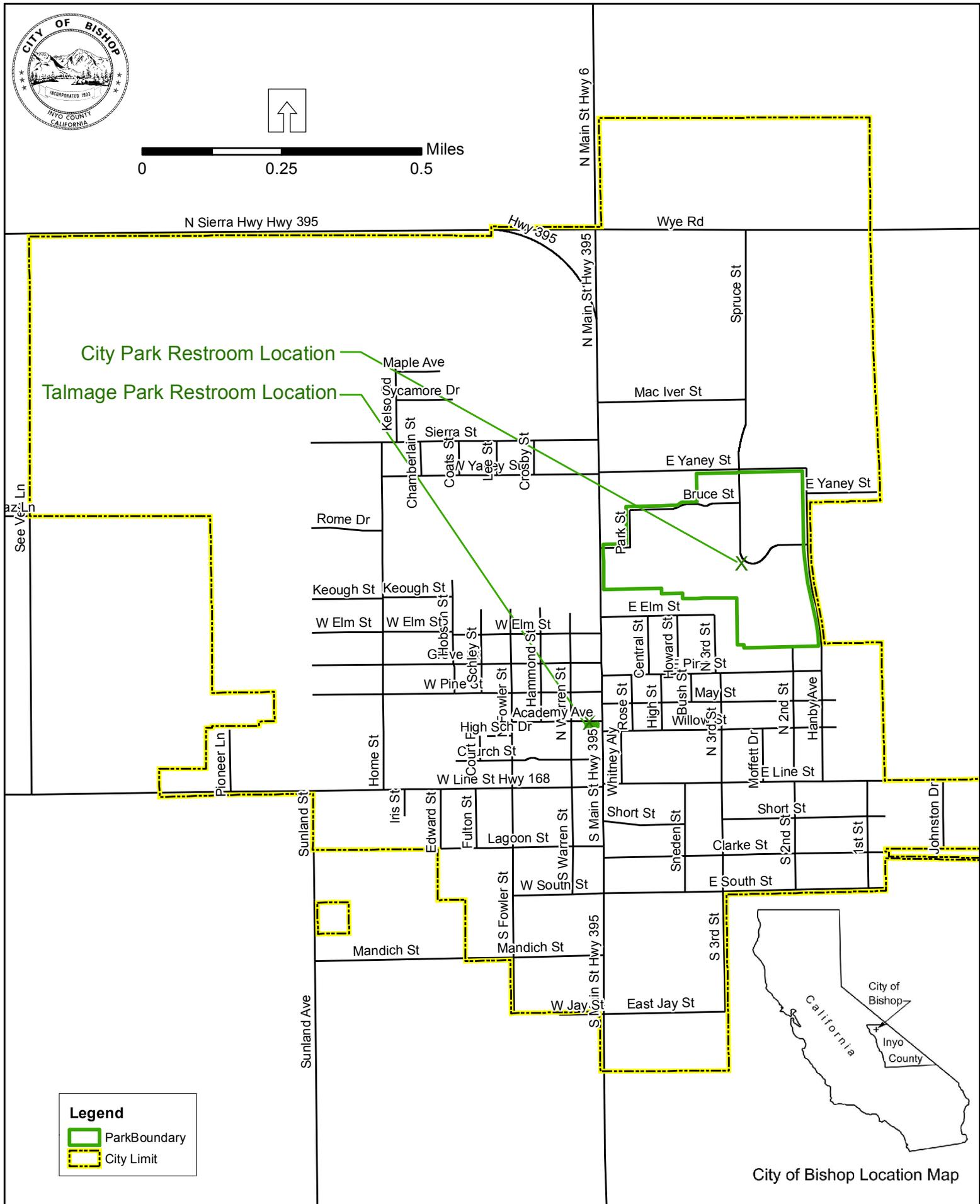
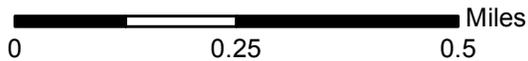
- **TALMAGE PARK PANEL/WIRING:** One 100 amp, 120/240v, single phase, 3-wire, commercial grade Combination Service Entrance Panel, 16 space, 24 circuits with 100 amp main circuit breaker, shall be mounted in the utility chase in the restroom building. All breakers shall be snap-on type, minimum 10,000 A.I.C. RMS (Sym). Cable shall be appropriate gage for current and in EMT piping with compression fittings.
- **PIPING:** All piping shall be surface mounted to the masonry block walls with minimum of 2 inch fastener penetration. EMT conduit shall be compression type. Main panel shall maintain a 30 inch by 36 inch clear space, floor to 6 feet above.
- **EXTERIOR LIGHTING:** Exterior lighting shall be provided on each restroom wall with a door. The City Park Restroom shall have exterior lighting on at least two walls. Exterior lighting shall be “dark sky friendly” (down cast) LED lighting with vandal resistant, high-impact polycarbonate lens fixtures.
- **INTERIOR LIGHTING:** Luminaire SWP610 LED vandal resistant high-impact polycarbonate lens fixtures shall be installed in the restrooms, 2 each. The utility chase shall have one (1), 4 foot double-tube LED fixture, suitable for wet locations, with a single switch at door entry.
- **LIGHTING CONTROL:** All interior restroom lighting shall be controlled by a time clock mounted in the utility chase and 2 bypass switches (one for interior lighting and one for exterior lighting), so maintenance staff can check operation during daylight hours. A single photo cell, roof mounted, and shall control all exterior lighting at each location.
- **ELECTRICAL OUTLETS:** One commercial grade duplex outlet shall be located in the utility chase adjacent to the panel.
- **HAND DRYER:** One Dyson Airblade V, anti-microbial Nickel-finish, shall be provided adjacent to each lavatory in the restrooms.
- **WATER HEATER:** Shall be tankless, Stiebel DHC-E 12 to service the restroom sinks. Water heater shall be located in the utility chase.
- **FREEZE PROTECTION:** Shall be Q-Mark pump house heater located in the utility chase.

Other Features:

- Restroom features shall be commercial grade stainless steel fastened securely to walls with vandal resistant stainless steel screws unless otherwise indicated.
- Toilet paper holders shall be covered, two-roll, 14 gauge stainless steel with lock. The angled design shall prevent vandals from standing on the top and causing damage. Toilet paper holders shall be attached to block walls with 4 epoxy bedded vandal resistant stainless steel fasteners.
- Stainless steel grab bars to code shall be 1 ¼ inch minimum exposed fastener vandal resistant design and installed at each accessible water closet. Two grab bars shall be vertically mounted, one each side of the accessible urinal per code.

- Cast Aluminum door signs shall be recessed into block surface flush with masonry exterior. Signs shall have raised pointed Braille tips and shall be blind secured with epoxy adhesive and stainless steel fasteners.
- The toilet partition walls shall be concrete precision block finished the same as the building interior walls, structurally reinforced to support load of 350 pounds minimum and raised 12 inches above finished floor.
- The toilet partition doors shall be custom fabricated, ¾ inch Solid Color Reinforced Composite (SCRC) panels, color to be “Forest Green.” The doors are secured by stainless steel fasteners to a continuous stainless steel spring- loaded 54 inch hinge and the door latch shall be custom-fabricated stainless steel design that is vandal-resistant and has an anti-microbial finish. There shall be a coat hook on the back of each partition door.

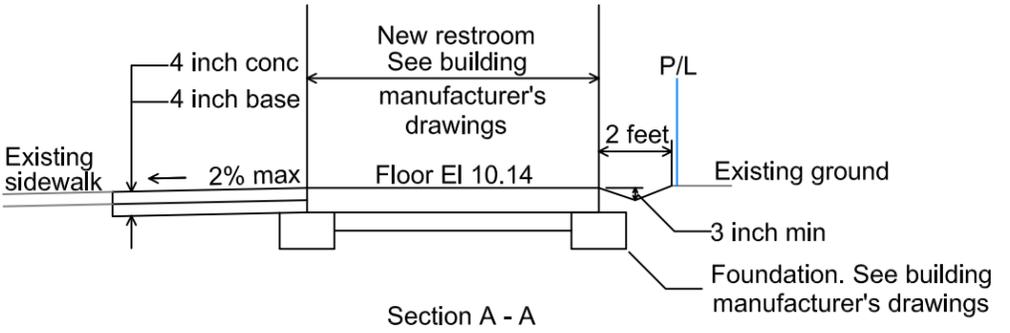
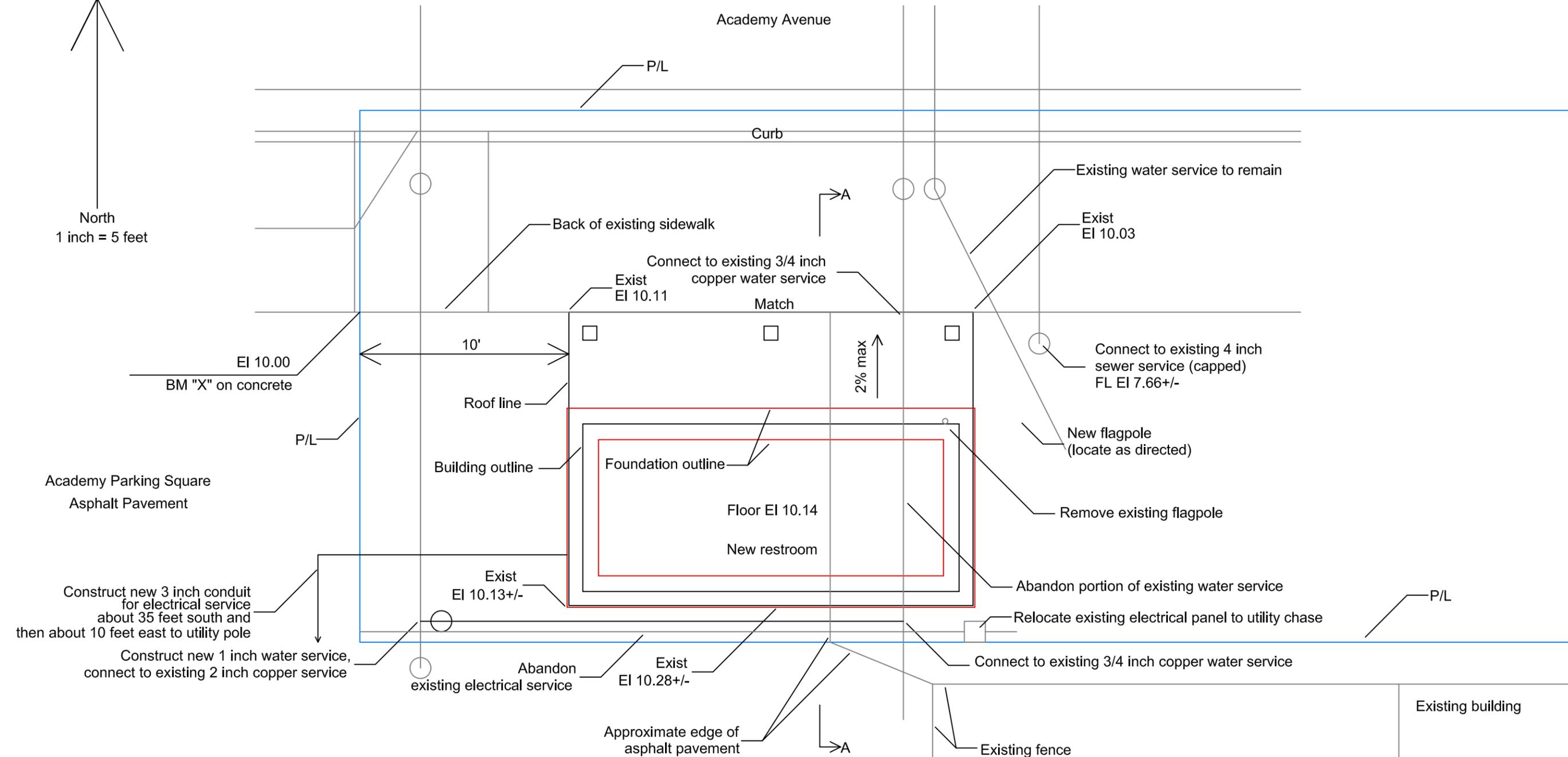
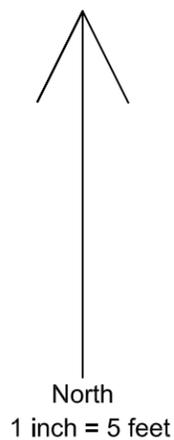
Shipping Protection: The contractor is entirely responsible for restrooms until final installation is accepted. Restrooms shall be properly insured and protected from the elements while in transit.



City of Bishop Location Map

# Parks Restrooms Project Locations

City of Bishop



Construct bollards at 5 foot intervals along south and west sides of restroom building as directed by Engineer

# City of Bishop Parks Restrooms Project Talmage Park Plan

Spruce Street

Existing curb

EI 10.00  
BM "X" on concrete

9.46

Back of existing sidewalk

Exist  
EI 10.22

Exist EI 10.17  
"X" on concrete in line with building wall

10.29

10.22

Match  
10.20

10.19

45 degrees from building corner

Slope varies ↑

Concrete apron  
8 feet at center  
of building

45 degrees from  
building corner

10.55

EI 10.29

10.34

10.10

10.01

9.37

Existing concrete path

North  
1 inch = 5 feet

Grade to drain

B

1.75%

New restroom  
Floor 10.30

Building outline

10.61

5 foot  
sidewalk

10.50

9.99

9.92

9.22

2 foot  
planter

EI 10.29

6 inch curb

10.17

Grade to drain

10.22

A

9.84

New water service (see detail)  
and new electrical service conduit

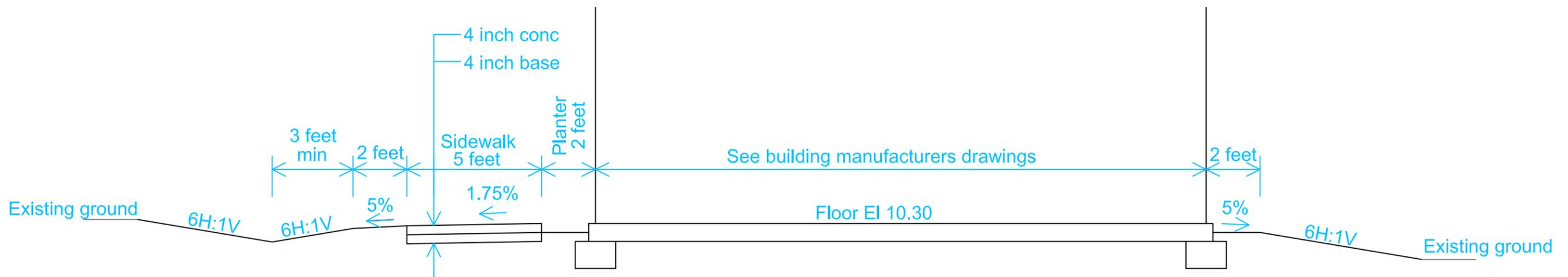
New sewer service (see detail)

# City of Bishop Parks Restrooms Project City Park Plan

9.17

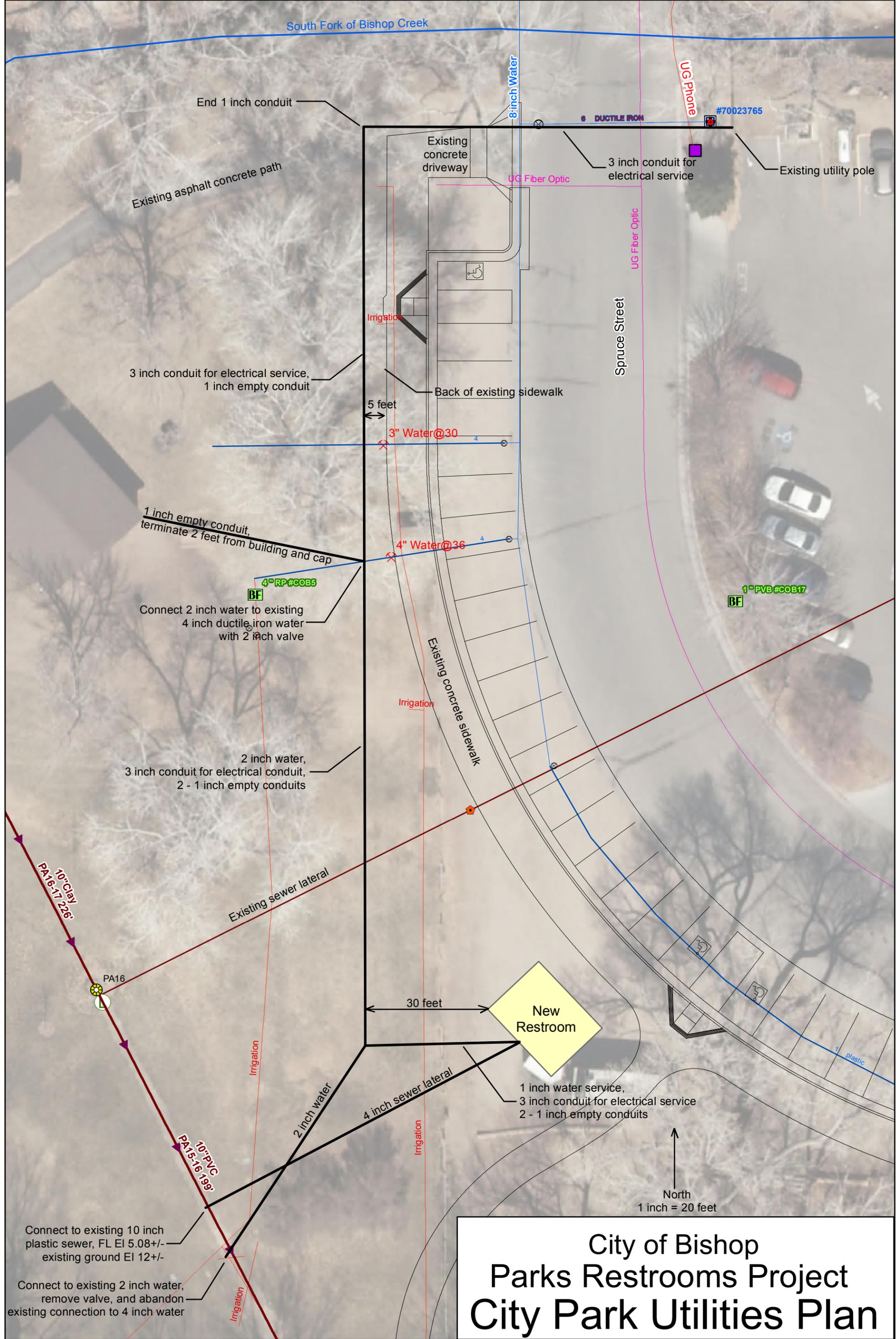


Section A

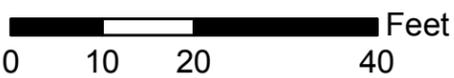


Section B

City of Bishop  
Parks Restrooms Project  
**City Park Sections**



# City of Bishop Parks Restrooms Project City Park Utilities Plan

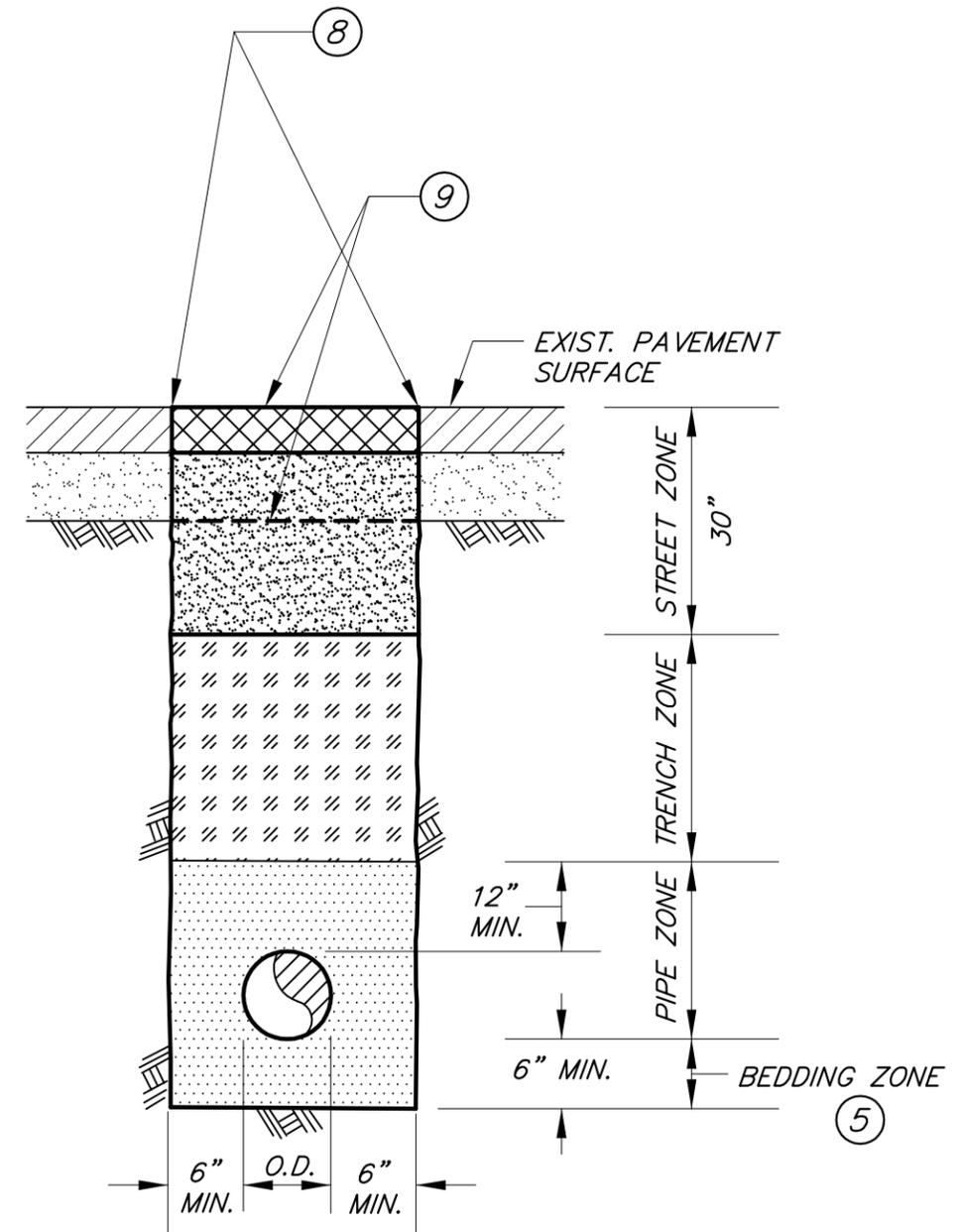


**NOTES:**

1. THE FOLLOWING APPLIES FOR WORK ACCOMPLISHED THROUGH EXCAVATION AND BACKFILL.
2. EXCEPT AS SHOWN, WORK SHALL BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS.
3. BACKFILL SHALL BE AS FOLLOWS:

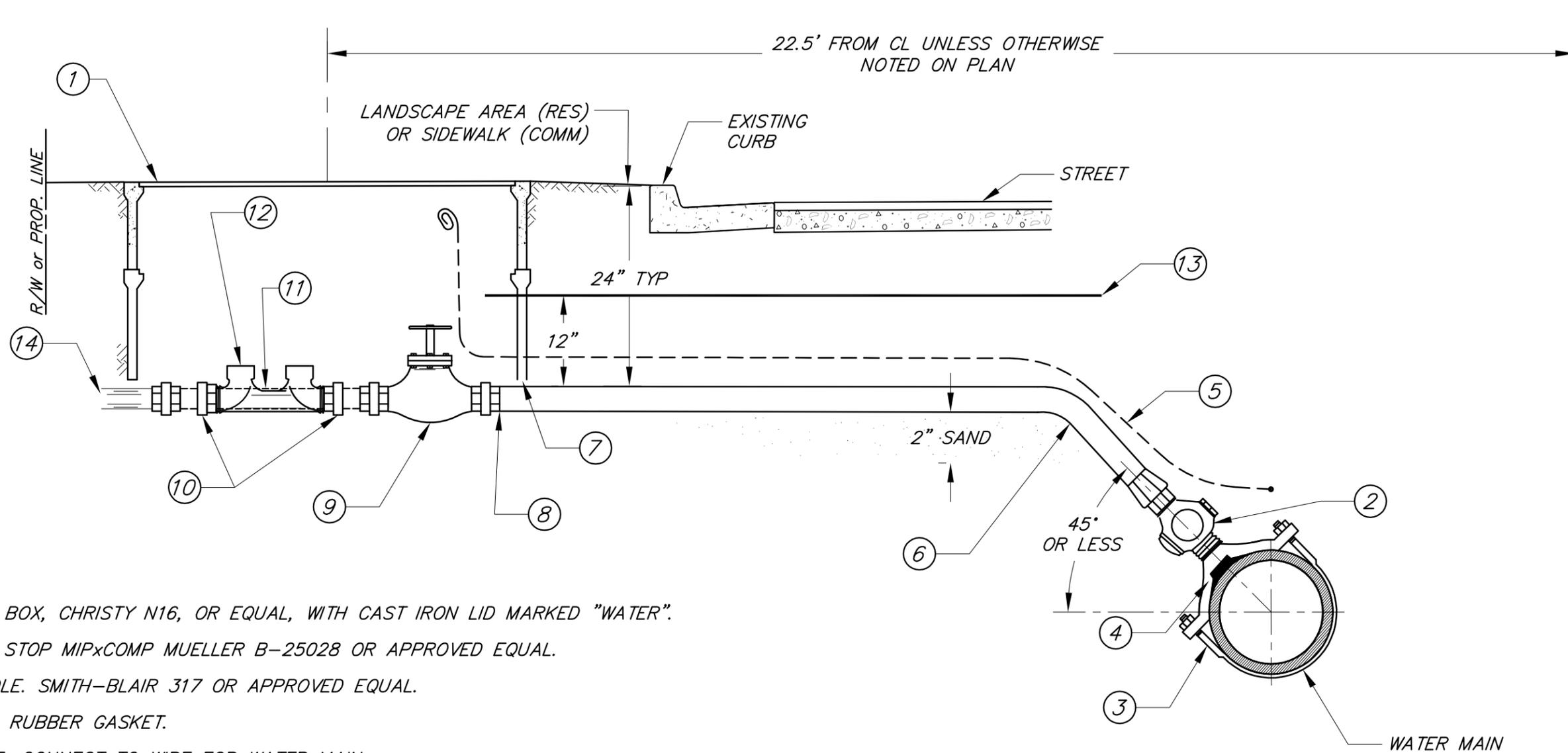
ZONE	MINIMUM COMPACTION	MINIMUM CALTRANS R VALUE	MATERIAL
STREET	95%	60	AS SHOWN AND NOTE 7
TRENCH	90%	60	NOTE 7
PIPE AND BEDDING	90%		NOTE 4

4. MATERIAL IN THE PIPE AND BEDDING ZONES SHALL BE SAND OR CRUSHED ROCK EXCEPT THAT CRUSHED ROCK SHALL NOT BE USED WITHIN 6 INCHES OF WATER LINES, UNLESS DIRECTED BY THE ENGINEER.
5. IN UNSUITABLE AREAS AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, MINIMUM THICKNESS OF BEDDING SHALL BE 18 INCHES.
6. INSTALLATION OF MANHOLES AND OTHER IN-GROUND STRUCTURES IS SIMILAR.
7. SLURRY CEMENT BACKFILL MAY BE USED IN PLACE OF COMPACTED MATERIAL AND IN PLACE OF AGGREGATE BASE IN THE TRENCH ZONE AND THE STREET ZONE. NOT LESS THAN 70 POUNDS AND NOT MORE THAN 75 POUNDS OF CEMENT SHALL BE USED FOR EACH CUBIC YARD OF SLURRY CEMENT BACKFILL.
8. SAWCUT EXISTING ASPHALT TO A CLEAN STRAIGHT VERTICAL EDGE.
9. REPAVE TRENCH WITH 4" MIN. A.C. OVER 6" MIN. A.B. IN PAVED AREAS.



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION  
**PIPE BEDDING AND BACKFILL**

	APPROVED BY PUBLIC WORKS DIRECTOR  20 APRIL 2012 DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION <b>PIPE BEDDING AND BACKFILL</b>	
		DATE REVISION STANDARD DETAIL NO. <b>WS-1</b>	



**NOTES:**

1. WATER METER BOX, CHRISTY N16, OR EQUAL, WITH CAST IRON LID MARKED "WATER".
2. CORPORATION STOP MIPxCOMP MUELLER B-25028 OR APPROVED EQUAL.
3. SERVICE SADDLE. SMITH-BLAIR 317 OR APPROVED EQUAL.
4. NEOPRENE OR RUBBER GASKET.
5. LOCATOR WIRE. CONNECT TO WIRE FOR WATER MAIN.
6. 1" CTS POLY PIPE 200 PSI WESFLEX GOLD LABEL OR APPROVED EQUAL.
7. EXTENSION BOX. NOTCHED FOR SERVICE ASSEMBLY.
8. CTSxMIP ADAPTER. MUELLER 15428 OR APPROVED EQUAL.
9. FORD METER BOX COMPANY 1" FIPxMIP CURB STOP WITH PADLOCK WING MODEL B11-444W-NL OR APPROVED EQUAL.
10. MUELLER TAIL PIECE H10890 OR EQUIVALENT.
11. 1 1/4" x 10 3/4" METER IDLER.
12. FUTURE 1" METER INSTALLED BY OTHERS.
13. BLUE WARNING TAPE.
14. CONNECT TO EXISTING SERVICE. CAP END IF NO EXISITNG SERVICE.
15. FUTURE METER SPACE SHALL BE SUFFICIENT TO ACCOMMODATE A 1" SENSUS WATER METER MODEL 6750896031054 AND YOKE.
16. ALL POLY PIPE REQUIRES STIFFENERS.

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION  
**1" WATER SERVICE**

	APPROVED BY PUBLIC WORKS DIRECTOR 	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION		
	20 APRIL 2012 DATE	<b>1" WATER SERVICE</b>		STANDARD DETAIL NO.
		DATE	REVISION	<b>W-2</b>
				SCALE: NOT TO SCALE