



**PROJECT MANUAL:
BID REQUEST / BID DOCUMENTS**

**3RD STREET WATER LINE PROJECT
Between Broadway and Hunter Rd
September 19, 2016**

Specifications & Proposal Package

City of Veneta
Council Chambers
88184 Eighth Street
Veneta, Oregon 97487

Bid Opening: October 6, 2:00 p.m.



EXPIRES: 12/31/17

CITY OF VENETA, OREGON

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Section 000
THE INVITATION

CITY OF VENETA

INVITATION TO BID

Contractors are invited to bid on the construction of the 3rd Street Water Line Project, located between Broadway Avenue and Hunter Road in the City of Veneta, Oregon. The Project consists of a water line improvement on 3rd Street. Sealed bids will be received by Kyle Schauer, Public Works Director, at 88184 8th Street, P.O. Box 458, Veneta, Oregon 97487 at or before 2:00 p.m., Thursday, October 6, 2016 and shall be publicly opened at that location immediately upon closing.

This contract is for a public work subject to ORS 279C.800 to 279C.870 relating to the payment of prevailing wages.

No prequalification will be required for this Project.

The terms, conditions and specifications for this Project (Project Documents) may be examined at the City of Veneta (City) office located at 88184 8th Street, Veneta, OR 97487, between the hours of 9:00 p.m. to 5:00 p.m., Monday through Friday until October 6, 2016. The Project Documents will be available at this location and are downloadable from the City website at <http://www.venetaoregon.gov/> from the date of this Notice until October 6, 2016. Copies may be obtained from Branch Engineering, located at 310 5th Street, Springfield for a non-refundable fee of \$35.00.

Kyle Schauer, Public Works Director
City of Veneta
88184 8th Street, P.O. Box 458,
Veneta, OR 97487

Section 100
BID INSTRUCTIONS/ INFORMATION

INSTRUCTIONS TO BIDDERS

Bids will be received by the City of Veneta (hereinafter called City) at the City office located at 88184 8th Street, P.O. Box 458, Veneta, OR 97487, until 2:00 p.m., Pacific Standard Time, **Thursday, October 6th, 2016**, and shall be publicly opened at that location immediately upon closing.

Each bid must be submitted in an opaque, sealed envelope, addressed to Kyle Schauer, Public Works Director, City of Veneta, at the above address. Each bid must be plainly marked on the outside of the envelope with the name of the bidder, the City's address and "City of Veneta - 3rd Street Water Line Project." Bids not so marked may be disqualified. If forwarded by mail, the sealed envelope containing the bid must be contained in another envelope addressed to the City at the address listed above. Faxed or electronically submitted bids shall be refused as non-responsive.

This contract is for a public work subject to ORS 279C.800 to 279C.870, relating to the payment of prevailing wages.

No pre-bid conference will be held. Inquiries can be made to Lane Branch at Branch Engineering; 541-746-0637 or laneb@branchengineering.com. Statements made by City representatives through correspondence of any kind are not binding on City unless confirmed by written addendum.

Contract terms, conditions and Project specifications for this Project (Project Documents) may be examined at the City office located at 88184 8th Street, Veneta, Oregon 97487, or downloaded from the City website at <http://www.venetaoregon.gov>. Copies of the Project Documents may be obtained from Branch Engineering, located at 310 5th Street, Springfield OR for a non-refundable fee of \$35.00.

All bids must be submitted on the required bid form. All blank spaces for bid prices must be completed in ink and the bid form must be fully completed and executed when submitted. Only one copy of the bid form is required. To be considered, each bid must be accompanied by a bid bond or certified check in the amount of 10% of the bid.

Contractor must comply with all federal, state, and local laws or regulations dealing with the prevention of environmental pollution and preservation of natural resources that affect the performance of the Contract.

1. Non-Compliant Bids

The City may reject any bid not in compliance with all prescribed public bidding procedures and requirements. Any bid failing to certify compliance with ORS 279C.800 to 279C.870 *et seq.* will not be received or considered by City. All bids must identify whether the bidder is a resident bidder as defined in ORS 279A.120. The City may reject for good cause any and all bids upon finding it is in the public interest to do so.

Any bid may be withdrawn prior to the above scheduled time for the opening of bids, or any authorized postponement per City Public Contracting Rule 137-049-0320. Any bid received after the closing time and date specified above shall not be considered. No bidder may withdraw a bid within forty (40) days after the actual date of the bid opening. Should there be reasons why the contract cannot be awarded within the specified time, the time may be extended by mutual agreement between the City and the bidder.

2. Bidder Responsibilities

Before submitting a bid, each bidder must:

- (a) Examine the contract documents thoroughly;
- (b) Visit the site, so that the bidder may familiarize itself with local conditions which may, in any manner, affect cost progress, or performance of the Work;
- (c) Be familiar with state, federal, and local laws, ordinances, rules and regulations which may, in any manner, affect cost, progress or performance of the Work; and
- (d) Study and carefully correlate bidder's observations with the contract documents.

3. Instructions for First-Tier Subcontractor Disclosure

Bidders are required to disclose information about certain first-tier subcontractors when the contract value for a Public Improvement is greater than \$100,000 (see ORS 279C.370). Specifically, when the contract amount of a first-tier subcontractor furnishing labor or labor and materials would be greater than or equal to: (i) 5% of the Project Bid, but at least \$15,000, or (ii) \$350,000 regardless of the percentage, the bidder must disclose the following information about that subcontract either in its Bid submission, or within two hours after Bid Closing:

- (1) The subcontractor's name,
- (2) The category of work that the subcontractor would be performing, and
- (3) The dollar value of the subcontract.

If the bidder will not be using any subcontractors that are subject to the above disclosure requirements, the bidder is required to indicate "NONE" on the accompanying form.

THE CONTRACTING AGENCY MUST REJECT A BID IF THE BIDDER FAILS TO SUBMIT THE DISCLOSURE FORM WITH THIS INFORMATION BY THE STATED DEADLINE (see City Public Contracting Rule 137-049-0360).

4. The Importance of Bids and Contract Documents

The submission of a bid will constitute an incontrovertible representation by the bidder that the bidder has complied with each of the requirements listed above and that the contract documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work. The plans for

the Project provide bidders a delineated description of the land owned and the area involving easements. Bidders are to scrupulously follow these boundaries and not encroach upon, in any manner, property owned by any other person.

The contract documents contain the provisions required for the construction of the Project. Information obtained from an officer, agent, or employee of the City or any other person is not binding upon the City, and shall not affect the risks or obligations assumed by the Contractor or relieve Contractor from fulfilling any conditions of this solicitation or the contract, once executed, unless confirmed by written addendum or contract amendment.

5. Requests for Clarification/Addenda

All questions about the meaning or intent of the contract documents shall be submitted to the City representative in writing. If merited, replies may be issued by addendum, mailed or delivered to all parties recorded by the City representative as having received the bidding documents, per City Public Contracting Rule 137-049-0250. Requests for changes and clarifications shall be submitted in accordance with City Public Contracting Rule 137-049-0260. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

6. Performance and Payment Bonds

A performance bond and a payment bond, included in Section 00300, each in the amount of 100% of the contract price, with a corporate surety approved by the City, will be required for the faithful performance of the contract. Attorneys in fact who sign bid bonds or payment bonds and performance bonds must file with each bond a certified and effective dated copy of their Power of Attorney. All bonding companies must be authorized to do business in the State of Oregon.

7. City Investigation of Bidder

The City may make such investigations as deemed necessary to determine the ability of the bidder to perform work. In determining the lowest responsible bidder, City shall check the list created by the Construction Contractors Board under ORS 701.227 for bidders who are not qualified to hold a public improvement contract and determine whether the bidder has met the standards of responsibility. City shall also consider the following factors and may disqualify any person as a bidder if it finds the bidder:

- (a) Does not have available the appropriate financial, material, equipment, facility and personnel resources and expertise, or the ability to obtain the resources and expertise, necessary to meet all contractual responsibilities;
- (b) Does not have a satisfactory record of performance. The City shall document the record of performance of a bidder if the City finds the bidder not to be responsible under this paragraph (b);

- (c) Does not have a satisfactory record of integrity. The City shall document the record of integrity of a bidder if the City finds the bidder not to be responsible under this paragraph (c);
- (d) Is not qualified legally to contract with the City; or
- (e) Has not supplied all necessary information in connection with the inquiry concerning responsibility.

Each bidder shall promptly supply information as requested by the City pursuant to such investigation. If a bidder fails to promptly supply information requested by the City concerning responsibility, the City shall base the determination of responsibility upon any available information, or may find the bidder not to be responsible. Failure to supply such information may be grounds for disqualification.

8. Registration and Licenses

No bid for a construction contract shall be received or considered by the City unless the bidder is registered and in good standing with the Construction Contractors Board or licensed and in good standing with the State Landscape Contractors Board, as required by ORS 671.530.

9. Protests

Award and solicitation protests shall be submitted in accordance with City Public Contracting Rules 137-049-0260(3) and 137-049-0450(4), respectively.

10. Process

City anticipates awarding the Contract within 10 days after the scheduled opening.

The bidder to whom the contract is awarded will be required to execute the agreement and obtain the performance and payment bonds within ten (10) calendar days from the date when Notice of Award is delivered to the bidder. The Notice of Award shall be accompanied by the necessary agreement and bond forms. In case of a failure of the bidder to execute the agreement, the City may, at its option, consider the bidder in default in which case the bid bond accompanying the bid shall become the property of the City.

The City, within ten (10) days of receipt of an acceptable performance bond, an acceptable payment bond, and the required agreements signed by the successful bidder, including proof of insurance as required by the contract documents, shall sign and return to the successful bidder an executed duplicate of the agreement and notice to proceed. If the 10-day notice to proceed has not been issued within the 10-day period, or within a period mutually agreed upon, the Contractor may terminate the agreement without further liability on the party of either party. Such termination shall be by written notices and will be effective upon receipt by the City.

The award will be made to the lowest responsible bidder. The Contractor shall submit to the City representative by the last calendar day of each month a partial payment estimate for work performed during the prior pay period. The cutoff date for work performed shall be the 26th day of the month in which a payment estimate is submitted. The City will approve and authorize payment of partial payment estimates approved by the City representative at its regular monthly City Council meeting.

Section 200
BID PACKAGE DOCUMENTS

BID FORM

City of Veneta
3rd Street Water Line Project
Veneta, Oregon 97487

This bid is submitted to the City of Veneta, 88184 8th Street, P.O. Box 458, Veneta, Oregon 97487.

- 1. The undersigned bidder proposes and agrees, if this bid is accepted, to enter into a Construction Agreement with the City in the form included in the contract documents and to complete all work as specified or indicated in the contract documents for the contract price and within the contract time indicated in this bid and in accordance with the contract documents.
- 2. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation, those dealing with disposition of bid security. This bid may not be amended or withdrawn and is subject to acceptance for forty (40) days after the date of bid opening. The successful bidder will sign the Construction Agreement and submit the security and other documents required by the contract documents within ten (10) days after the date of City’s Notice of Award.
- 3. In submitting this bid, bidder represents as more fully set forth in the Construction Agreement, that:

(a) Bidder has examined copies of the contract documents and the following addenda:

Date: _____	Number: _____

and also copies of the advertisement or Invitation to Bid and Instructions to Bidders;

- (b) Bidder has examined the site and locality where the Work is to be performed, the applicable legal requirements (federal, state, and local, ordinances, rules, and regulations) and the conditions affecting cost, progress, or performance of work, and has made such independent investigation as bidder deems necessary;
- (c) This bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation, and is not submitted in

conformity with any agreement or rules of any group, association, organization, or corporation; bidder has not directly or indirectly induced or solicited any other bidder to submit a false or sham bid; bidder has not solicited or induced any person, firm, or corporation to refrain from bidding; and bidder has not sought by collusion to obtain for himself any advantage over any other bidder or the City;

- (d) The City does not have to award any contract based on the bids submitted. Any award which the City makes will be on the basis of the lowest responsible bidder.

4. Bid (Bid Schedule)

Bidder to complete Bid Schedule Form sheet under section 00205.

5. Bidder agrees to prepare the site and perform the labor necessary to complete the construction Project which will be substantially completed in accordance with the plans and specifications attached hereto within 40 business days of the receipt of the notice to proceed.
6. Bidder acknowledges that bidder has reviewed the provisions of the Construction Agreement as to liquidated damages which may be assessed in the event of failure to complete the Work on time and has considered those potential damages in formulating this bid.
7. The following documents are attached to and made a condition to the bid:
- (a) Required bid security in the form of a bid bond or certified check in the amount of 10% of the bid;
 - (b) Non-Collusion Affidavit;
 - (c) First Tier Subcontractor Disclosure Form (attached to the bid or submitted to the City within two (2) hours after bid closing).
8. Bidder agrees and certifies as follows:
- (a) The provisions of ORS 279C.800 *et seq.*, relating to the prevailing wage rates, will be complied with;
 - (b) Bidder is a resident of the State of _____ as defined in ORS 279A.120;
 - (c) The provisions of ORS 305.385 relating to Oregon tax laws will be complied with;
 - (d) Bidder has not and will not discriminate against minorities, women or emerging small business enterprises in obtaining any subcontracts required under this Contract, or against a business enterprise owner controlled by, or that employs, a disabled veteran as defined in ORS 408.225;

- (e) All employers, including bidder, that employ subject workers who work under the Construction Agreement shall comply with ORS 656.017 and provide the required Workers' Compensation coverage unless such employers are exempt under ORS 656.126. Bidder shall ensure that each of its subcontractors complies with these requirements;
- (f) Bidder is registered and in good standing with the Construction Contractors Board in accordance with ORS 701.035 to 701.055;
- (g) All subcontractors performing work as described in ORS 701.005(2) will be registered with the Construction Contractors Board in accordance with ORS 701.035 to 701.055 before the subcontractors commence work under the contract.

9. Communications concerning this bid shall be addressed to:

Bidder: _____

Submitted this _____ day of _____, 201__.

 (Corporate Name) (Company Name)
 (Corporate Seal, if any)

By: _____
 (Name of person authorized to
 Sign, or Title)

Business Address: _____

Phone: (____) _____

State of Incorporation: _____

Oregon Contractor Board No.: _____

ATTEST:

 Secretary of bidding corporation

BID Schedule

Project: City of Veneta 3rd Street Water Line Project

Bid Closing: Thursday, October 6th, 2016, 2:00 PM

From: _____
 (Name of Contractor and Company)

To: CITY OF VENETA
 Kyle Schauer
 88184 Eighth Street
 Veneta, Oregon 97487

The undersigned proposes to furnish all equipment, and labor required for the complete project, and to perform all work in strict accordance with the Contract Documents for the unit prices indicated below.

BID ITEM

ITEM NO.	ITEM DESCRIPTION	QTY	Unit	Unit Cost	Total Bid Price
1 00210	Mobilization, Bonds, And Insurance	1	Lump Sum	\$	\$
2 00225	Temporary Work Zone Traffic Control, Complete	1	Lump Sum	\$	\$
3 00280	Erosion Control	1	Lump Sum	\$	\$
4 00310	Removal of Water Meters and Valve Boxes	1	Lump Sum	\$	\$
5 00495	HMAC Trench Resurfacing	106	Ton	\$	\$
6 1140	6-Inch Ductile Iron Potable Water Pipe, Fittings, Couplings with Class B Backfill	20	Lineal Feet	\$	\$
7 01140	8-Inch Ductile Iron Potable Water Pipe, Fittings & Couplings with Class B Backfill	830	Lineal Feet	\$	\$
8 01140	8-Inch Connection to 8 Inch Existing Main (Hot Tap, with 8" Valve)	1	Each	\$	\$
9 1140	8-Inch Connection to Existing Main	1	Each	\$	\$
10 1140	6-Inch Connection to Existing Main	4	Each	\$	\$
11 1150	6-Inch Resilient Seat Gate Valve	4	Each	\$	\$
12 1150	8-Inch Resilient Seat Gate Valve	2	Each	\$	\$
13 01160	Hydrant Assemblies	1	Lump Sum	\$	\$
14 01170	1 Inch Water Service Connections Including Meter Installation	4	Each	\$	\$
Bid Total				\$	

From: _____
(Signature of Contractor)

Total Bid Price (written out in words) _____

PAYMENT BOND

Any singular reference to Contractor, Surety, Owner, or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of
Principal Place of Business):

CONTRACT

Effective Date of Agreement:

Amount:

Description (Name and Location):

BOND

Bond Number:

Date (Not earlier than Effective Date of Agreement):

Amount:

Modifications to this Bond Form:

Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Payment Bond to be duly executed by an authorized officer, agent, or representative.

CONTRACTOR AS PRINCIPAL

SURETY

Contractor's Name and Corporate Seal (Seal)

Surety's Name and Corporate Seal (Seal)

By: _____
Signature
Print Name: _____
Title: _____

By: _____
Signature (Attach Power of Attorney)
Print Name: _____
Title: _____

ATTEST: _____
Signature

ATTEST: _____
Signature

Title

Title

1. Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to Owner to pay for labor, materials, and equipment furnished by Claimants for use in the performance of the Contract, which is incorporated herein by reference.

2. With respect to Owner, this obligation shall be null and void if Contractor:

2.1 Promptly makes payment, directly or indirectly, for all sums due Claimants, and

2.2 Defends, indemnifies, and holds harmless Owner from all claims, demands, liens, or suits alleging non-payment by Contractor by any person or entity who furnished labor, materials, or equipment for use in the performance of the Contract, provided Owner has promptly notified Contractor and Surety (at the addresses described in paragraph 12) of any claims, demands, liens, or suits and tendered defense of such claims, demands, liens, or suits to Contractor and Surety, and provided there is no Owner Default.

3. With respect to Claimants, this obligation shall be null and void if Contractor promptly makes payment, directly or indirectly, for all sums due.

4. Surety shall have no obligation to Claimants under this Bond until:

4.1 Claimants who are employed by or have a direct contract with Contractor have given notice to Surety (at the address described in paragraph 12) and sent a copy, or notice thereof, to Owner, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.

4.2 Claimants who do not have a direct contract with Contractor:

1. Have furnished written notice to Contractor and sent a copy, or notice thereof, to Owner, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials or equipment were

- furnished or supplied, or for whom the labor was done or performed; and
2. Have either received a rejection in whole or in part from Contractor, or not received within 30 days of furnishing the above notice any communication from Contractor by which Contractor indicated the claim will be paid directly or indirectly; and
 3. Not having been paid within the above 30 days, have sent a written notice to Surety (at the address described in paragraph 12) and sent a copy, or notice thereof, to Owner, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to Contractor.
5. If a notice by a Claimant required by paragraph 4 is provided by Owner to Contractor or to Surety, that is sufficient compliance.
6. Reserved.
7. Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by Surety.
8. Amounts owed by Owner to Contractor under the Contract shall be used for the performance of the Contract and to satisfy claims, if any, under any performance bond. By Contractor furnishing and Owner accepting this Bond, they agree that all funds earned by Contractor in the performance of the Contract are dedicated to satisfy obligations of Contractor and Surety under this Bond, subject to Owner's priority to use the funds for the completion of the Work.
9. Surety shall not be liable to Owner, Claimants, or others for obligations of Contractor that are unrelated to the Contract. Owner shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.
10. Surety hereby waives notice of any change, including changes of time, to the Contract or to related subcontracts, purchase orders, and other obligations.
11. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the Work or part of the Work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by Paragraph 4.1 or Paragraph 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

12. Notice to Surety, Owner, or Contractor shall be mailed or delivered to the addresses shown on the signature page. Actual receipt of notice by Surety, Owner, or Contractor, however accomplished shall be sufficient compliance as of the date received at the address shown on the signature page.

13. When this Bond has been furnished to comply with a statutory requirement in the location where the Contract was to be performed, any provision in this Bond conflicting with said statutory requirement shall be deemed deleted herefrom and provisions conforming to such statutory requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory Bond and not as a common law bond.

14. Upon request of any person or entity appearing to be a potential beneficiary of this Bond, Contractor shall promptly furnish a copy of this Bond or shall permit a copy to be made.

15. Definitions

15.1 Claimant: An individual or entity having a direct contract with Contractor, or with a first-tier subcontractor of Contractor, to furnish labor, materials, or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Contract, architectural and engineering services required for performance of the Work of Contractor and Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.

15.2 Contract: The agreement between Owner and Contractor identified on the signature page, including all Contract Documents and changes thereto.

15.3 Owner Default: Failure of Owner, which has neither been remedied nor waived, to pay Contractor as required by the Contract, or to perform and complete or otherwise comply with the other terms thereof.

FOR INFORMATION ONLY:

Name, Address and Telephone:

Surety Agency or Broker:

Owner's Representative (Engineer or other):

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS that

(Name of Contractor)

(Address of Contractor)

a _____ hereinafter called "PRINCIPAL", and
(Corporation, Partnership, or Individual)

(Name of Surety)

(Address of Surety)

(Oregon representative for service of process for Surety)

hereinafter called "SURETY", are held and firmly bound unto

City of Veneta
88184 8th Street
P.O. Box 458
Veneta, OR 97487

hereinafter called "OWNER", in the total amount of _____
(insert here a sum
_____ Dollars (\$ _____) for the
equal to the contract price)

payment whereof PRINCIPAL and SURETY bind themselves, their heirs, executors,
administrators, successors and assigns jointly and severally, firmly by these presents.

WHEREAS, the PRINCIPAL has by written agreement entered into a certain contract
with the OWNER, dated the _____ day of _____, 20__, a copy of which
is hereto attached and made a part hereof and is hereinafter referred to as the Contract.
Said Contract is for:

NOW, THEREFORE:

1. The condition of this obligation is such that, if PRINCIPAL shall promptly and faithfully perform said Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

2. The SURETY hereby waives notice of any alteration or extension of time made by the OWNER.

3. It is expressly agreed that the Bond shall be deemed amended automatically and immediately, without formal and separate amendments hereto, upon amendment of the Contract, so as to bind the PRINCIPAL and the SURETY to the full and faithful performance of the Contract as so amended. The term "Amendment," wherever used in this Bond, and whether referring to this Bond, the Contract, or any Loan Documents shall include any alteration, addition, extension or modification of any character whatsoever.

4. Whenever PRINCIPAL shall be, and declared by OWNER to be in default under the Contract, the OWNER having performed OWNER's obligations thereunder, the SURETY may promptly remedy the default, or shall promptly:

a) Arrange for the PRINCIPAL, with consent of the OWNER, to perform and complete the contract;

b) Complete the Contract in accordance with its terms and conditions,
or

c) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by OWNER and the SURETY jointly of the lowest responsible bidder, arrange for a contract between such bidder and OWNER, and make available as work progresses (even though there should be a default or a succession of defaults under the contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the contract price; but not exceeding, including other costs and damages for which the SURETY may be liable hereunder, the amount set forth above. The term "balance of the contract price," as used in this paragraph, shall mean the total amount payable by OWNER to PRINCIPAL under the Contract and any amendments thereto, less the amount properly paid by OWNER to PRINCIPAL.

5. Any suit under this Bond must be instituted before the expiration of two (2) years from the date on which final payment under the Contract falls due.

6. If any provision of this Bond conflicts with state law, such portion will be deemed deleted therefrom and provisions conforming to such state law shall be

deemed incorporated herein. The intent is that the bond shall be construed as a statutory bond and not as a common law bond.

7. No right of action shall accrue on this Bond to or for the use of any person or corporation other than the OWNER named herein or the heirs, executors, administrators or successors of the OWNER.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each one of which shall be deemed an original, this the _____ day of _____, 201__.

ATTEST:

PRINCIPAL

(PRINCIPAL) Secretary

(SEAL)

By: _____

(Witness to PRINCIPAL)

(Address)

(Address)

(SURETY)

ATTEST:

(Witness to SURETY)

By _____
(Attorney-in-Fact)

(Address)

(Address)

NOTE: Date of Bond must not be prior to date of Contract.

If CONTRACTOR is partnership, all partners must execute Bond.

IMPORTANT: SURETY companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in Oregon. SURETY companies must also have an Oregon representative for service of process.

Non-COLLUSION AFFIDAVIT

STATE OF _____)
 County of _____) ss. City of Veneta
 3rd Street Water Line Project

I state that I am _____ of _____ and that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for the price(s) and the amount of this bid.

I state that:

- (1) The price(s) and amount of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder or potential bidder, except as disclosed on the attached appendix.
- (2) That neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid, have been discussed with any other contractor, bidder or potential bidder, except as disclosed on the attached appendix.
- (3) No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive bid or other form of complementary bid.
- (4) The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive bid.
- (5) _____, its affiliates, subsidiaries, officers, directors and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted of or found liable for any act prohibited by state or federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as described on the attached appendix.

I state that _____ understands and acknowledges that the above representations are material and important, and will be relied on by the City in awarding the contract(s) for which this bid is submitted. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from the City of the true facts relating to the submission of bids for this contract.

Name of Company: _____
Position: _____

SIGNED and SWORN to before me this _____ day of _____,
201____, by _____.

Notary Public for _____

FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM

PROJECT NAME: City of Veneta – 3rd Street Water Line Project

BID #: n/a

BID CLOSING: Date: October 6, 2016 Time: 2:00 p.m.

This form must be submitted at the location specified in the Invitation to Bid on the advertised bid closing date and within two working hours after the advertised bid closing time.

List below the name of each subcontractor that is required to be disclosed, the category of work that the subcontractor will be performing and the dollar value of the subcontract. Enter "NONE" if there are no subcontractors that need to be disclosed. (ATTACH ADDITIONAL SHEETS IF NEEDED.)

NAME	DOLLAR VALUE	CATEGORY OF WORK
1) _____	\$ _____	_____
2) _____	\$ _____	_____
3) _____	\$ _____	_____
4) _____	\$ _____	_____
5) _____	\$ _____	_____
6) _____	\$ _____	_____

FAILURE TO SUBMIT THIS FORM BY THE DISCLOSURE DEADLINE WILL RESULT IN A NON-RESPONSIVE BID. A NON-RESPONSIVE BID WILL NOT BE CONSIDERED FOR AWARD.

Form submitted by (bidder name): _____

Contact name: _____

Phone no.: _____

BIDDER'S PERFORMANCE AND PAYMENT BOND STATEMENT

_____ (Contractor) is submitting a bid to City of Veneta (City) pursuant to the City's advertisement for bids dated **Monday, September 19, 2016**.

Contractor certifies that, if it is awarded the contract, Contractor has the financial ability to obtain good and sufficient bonds in the forms attached, issued by a surety to the City, each in a sum equal to the amount of the bid providing for the faithful performance of the contract.

Contractor understands and agrees that if Contractor fails to provide either the required performance bond or payment bond, the City may reject the bid and the bid bond submitted with the bid may be forfeited.

The surety requested to issue the performance bond will be _____ (Surety Company). Contractor authorizes Surety Company to disclose any information to City concerning Contractor's ability to supply a performance bond in the amount of the contract.

The surety requested to issue the payment bond will be _____ (Surety Company). Contractor authorizes Surety Company to disclose any information to City concerning Contractor's ability to supply a payment bond in the amount of the contract.

(Name of Contractor)

By: _____

Section 300
AGREEMENT

AGREEMENT

THIS AGREEMENT is made this _____ day of _____, 20____, by and between the City of Veneta, hereinafter called Owner, and _____, hereinafter called Contractor, in consideration of mutual covenants hereinafter set forth, agree as follows:

1. **Work.** Contractor shall complete all work as specified in the contract documents and in accordance with the documents and drawings provided for the Project known as the City of Veneta –3rd Street Water Line Project.
2. **Materials.** Contractor will furnish all materials, supplies, tools, equipment, labor and other services necessary for the construction and completion of the Project described herein.
3. **Contract Time.** The Work will commence within ten (10) calendar days after the date of notice to proceed and will be completed by the Contractor within 40 business days unless the period for completion is extended otherwise by the contract documents or by written agreement of the parties.
4. **Contract Price.** Owner shall pay Contractor for performance of the Work in accordance with the documents the sum of \$ _____ as shown in Contractor's bid.
5. **Liquidated Damages.** Owner and Contractor acknowledge and agree that if substantial and final completion of the Work is not achieved by the contract times for such completion, the amount of Owner's actual loss of use damages will be difficult, and impractical or impossible to determine. Accordingly, the parties agree that if substantial and final completion is not achieved by the agreed dates of substantial completion and/or final completion, as adjusted pursuant to the contract documents, the Contractor shall pay to Owner as liquidated damages for the loss of use of the Project the following amounts:
 - 1) The sum of Two Hundred Dollars (\$200) for each partial or full day of delay beyond the deadline for substantial completion; and
 - 2) The sum of Two Hundred Dollars (\$200) for each partial or full day of delay beyond the deadline for final completion.

The parties further acknowledge and agree that the daily sums and liquidated damages to be paid as set forth above are reasonable and that the payment of such liquidated damages is not intended to nor constitutes a penalty or forfeiture. The parties further acknowledge that these liquidated damages are meant to reimburse the Owner only for loss of use delay damages and that Owner

reserves the right to claim other types of damages against Contractor including but not limited to actual delay damages.

6. Progress Payments. Owner shall make progress payments on the basis of the Contractor's application for payment as approved by the Owner's representative on or about the last day of each month during construction as provided herein. All progress payments shall be on the basis of progress of the Work measured by the schedule of values provided for in Section 19 of the General Conditions. Prior to substantial completion, progress payments will be an amount equal to not more than 95% of the Work completed and 95% of the materials and equipment not incorporated in the Work, but delivered and suitably stored, less in each case the aggregate of payments previously made. Upon substantial completion, the Owner shall pay an amount sufficient to increase total payments to Contractor to 95% of the contract price, less such amounts as the Owner shall determine in accordance with Section 19 of the General Conditions. Final payment shall be upon final completion and acceptance of the Work. Approved partial payment estimates shall be reviewed and approved at the next regularly scheduled Council meeting.

7. Contract Documents. The term "contract documents" means and includes the following:

- (a) Invitation to Bid;
- (b) Instructions to Bidders;
- (c) Bid;
- (d) Bid Bond;
- (e) Construction Agreement;
- (f) First-Tier Subcontractor Disclosure Form
- (g) Oregon Prevailing Wage Rates;
- (h) General Conditions;
- (i) Payment Bond;
- (j) Performance Bond;
- (k) Notice of Intent to Award;
- (l) Notice to Proceed;
- (m) Drawings and Specifications attached;
- (n) Change Orders;
- (o) Addenda; Number: _____ Dated: _____
- (p) Proof of Insurance

8. Contractor's Representations. In order to induce Owner to enter into this agreement, Contractor makes the following representations:

- (a) Contractor has familiarized itself with the nature and extent of the contract documents, work, locality, and with all local conditions and any federal, state, and local laws, ordinances, rules, and regulations which, in any manner, may affect cost, progress, or performance of the Work;

- (b) Contractor has studied carefully all reports, investigations, and tests of subsurface and latent physical conditions at the site which may affect cost, progress, or performance of work and which were relied upon in the preparation of the drawings and specifications;
- (c) Contractor has made or has caused to be made examinations, investigations, tests and studies of reports and related data, in addition to those referred to in paragraph (b), which Contractor deems necessary for the performance of the Work, determination of the contract price, and completion of the Project within the contract time in accordance with the other terms and conditions of the contract documents. No additional examinations, investigations, tests, reports, or similar data are or will be required by Contractor for such purposes;
- (d) Contractor has reconciled the results of all such observations, examinations, investigations, tests, reports, and data with the terms and conditions of the contract documents;
- (e) Contractor has given the Owner's representative written notice of all conflicts, errors or discrepancies which he has discovered in the contract documents and the written resolution thereof by the Owner's representative is acceptable to the Contractor.

9. Miscellaneous.

- (a) No assignment by a party hereto of any rights under or interests in the contract documents will be binding on another party to this contract without the written consent of the parties sought to be bound; and specifically but without limitation, monies which may become due and monies which are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law) and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the contract documents.
- (b) This Agreement shall be binding upon all parties to the contract and their respective partners, successor, heirs, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the contractual documents.

THIS AGREEMENT is effective on the _____ day of _____, 201__.

OWNER:

CONTRACTOR:

By: _____

By: _____

Address for giving notices:

Address for giving notices:

ATTEST:

ATTEST:

Agent for Service of Process
License # _____

Section 400
GENERAL CONDITIONS

GENERAL CONDITIONS

Section 1. Definitions. Whenever used in these General Conditions or in the other contract documents, the following terms have the meanings indicated which are applicable in both the singular and plural or masculine or feminine thereof:

1. Addenda. Written or graphic instruments issued prior to the execution of the Agreement which modify or interpret the contract documents, Drawings and specifications by additions, deletions, clarifications, or corrections.
2. Bid. The offer or proposal of the bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
3. Bonds. Bid, performance and payment bonds and other instruments of security.
4. Change Order. A written order to the Contractor signed by the Owner authorizing an addition, deletion or revision in the Work, or an adjustment in the contract price or the contract time issued after the effective date of the Agreement.
5. Contract Price. The total monies payable to the Contractor under the terms and conditions of the contract documents.
6. Contract Time. The number of calendar days stated in the contract documents for completion of the Work.
7. Contractor. The person, firm, or corporation with whom the Owner has executed the Agreement.
8. Drawings. The part of the contract documents which show the characteristics and scope of the Work to be performed and are referred to in the contract documents.
9. Owner's Representative. That person appointed by the City Council of the Owner to act as the Owner's Representative in all matters relating to this contract.
10. Field Order. A written order issued by the Owner's Representative which orders minor changes in Work not involving an adjustment in the contract price or an extension of the contract time.
11. Substantial Completion. The date certified by the Owner's Representative when the construction of the Project or a specified part thereof is sufficiently completed in accordance with the contract documents so that the Project or a specified part can be utilized for purposes for which it is intended.

12. Subcontractor. An individual, firm, or corporation having a direct contract with the Contractor or with any other Subcontractor for the performance of a part of the Work at the site.
13. Supplier. Any person or organization who supplies materials or equipment for the Work, including that fabricated to a special design but who does not perform labor at the site.
14. Work. All labor necessary to produce the construction required by the contract documents and all materials and equipment incorporated or to be incorporated in the Project.
15. Written Notice. Any notice to any party to the Agreement, or relative to any part of this Agreement, in writing is considered delivered and service completed when posted by certified mail or registered mail to the party at the party's last given address as shown on the Agreement, or when delivered in person to the party or the party's authorized representative on the worksite.

Section 2. Preliminary Matters.

1. Delivery of Bonds. When the Contractor delivers the executed Contract Documents to the Owner, Contractor shall also deliver to Owner such bonds as the Contractor may be required to furnish.
2. Copies of Documents. Owner shall furnish to Contractor up to three (3) copies of the contract documents. Additional copies will be furnished upon request at the cost of reproduction.
3. Commencement of Contract Time. The contract time will commence to run on the day indicated in the Notice to Proceed.
4. Insurance. Before undertaking any Work on the Project, Contractor shall obtain and, during the life of this Agreement, Contractor shall maintain the following minimum public liability and property damage insurance naming the Owner as an additional insured, which shall protect the Owner and the Contractor from claims for injuries, including accidental death, as well as from claims for property damage which may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents whether such performance is by Contractor or any Subcontractor, or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:
 - (a) Commercial general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than \$2,000,000.
 - (b) Statutory workers' compensation and employer's liability insurance for the State of Oregon.

Contractor shall provide the Owner with certificates of insurance before undertaking any Work on the Project. Insurance policies shall not be amended, canceled or terminated without 30-days prior written notice to the Owner.

5. Owner Insurance. The Owner shall be responsible for purchasing and maintaining its own liability insurance. Owner shall also purchase and maintain property insurance upon the Work at the site to the full insurable value thereof and shall include the interest of the Owner, Contractor and Subcontractors in the Work against the perils of fire and extended coverage. All other risk of loss at the Work site shall be borne by Contractor until acceptance of building by Owner.
6. Subrogation Waiver. Owner and Contractor waive all rights against each other, their agents and any Subcontractors and their agents and employees for damages caused by fire or other perils to the extent covered by insurance provided for in this Section. The Contractor shall require similar written waivers from each Subcontractor and each such waiver shall be in favor of all other parties enumerated in this paragraph.

Section 3. Contract Documents.

1. The contract documents comprise the entire agreement between Owner and Contractor concerning the Work. They may be altered only by written modification, as provided in this Agreement.
2. The contract documents are complementary; what is called for by one is binding as if called for by all. If, during the performance of the Work, Contractor finds a conflict, error or discrepancy in the contract documents, Contractor shall report it to the Owner's Representative in writing at once and before proceeding with the Work affected by the conflict.
3. It is the intent of the specifications and Drawings to describe the complete Project to be constructed in accordance with the contract documents. Any Work which may reasonably be inferred from the specifications or Drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for. When words which have a well-known technical or trade meaning are used to describe Work, materials, or equipment, such words shall be interpreted in accordance with such meaning. Reference to standard specifications, manuals, or codes of any technical society, organization, or association, or to the code of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard, specification, manual or code in effect at the time of the opening of the bid, except as may be otherwise specifically stated. However, no provision of any reference, standard, specification, manual or code shall change the duties and responsibilities of the Owner, Contractor, or any of their agents or employees from those set forth in the contract documents. Clarifications and interpretations of the contract documents shall be issued by the Owner's Representative.

4. Re-use of Documents. Neither Contractor nor any Subcontractor, manufacturer, fabricator, Supplier, or distributor shall have or acquire any title to or ownership rights in any of the Drawings, specifications, or other documents which are a part of this contract. They may not be reused by any party without the express written consent of the Owner and of the preparer of the Drawings.

Section 4. Materials, Service and Facilities.

1. It is understood that, except as otherwise specifically stated in the contract documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, lights, power, transportation, supervision, temporary construction of any nature, and all other services and facilities of any nature whatsoever necessary to execute, complete, and deliver the Work within the specified time.
2. Materials and equipment shall be stored so as to ensure the preservation of their quality and fitness for the Work. Stored materials and equipment to be incorporated in the Work shall be located so as to facilitate prompt inspection. All materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer.
3. All materials and equipment shall be of good quality and new except as otherwise provided in the contract documents.
4. Equivalent Materials and Equipment. Whenever materials or equipment are specified or described in Drawings or specifications by using the name of proprietary item or the name of a particular manufacturer, fabricator, Supplier or distributor, the name of the item is intended to establish the type, function and quality required. Unless the name is followed by words indicating that no substitution is permitted, materials or equipment of other manufacturers, fabricators, Suppliers, or distributors may be accepted by the Owner's Representative if sufficient information is submitted by Contractor to allow the Owner's Representative to determine that the material proposed is equivalent to that named.
5. Contractor shall be fully responsible for all acts and omissions of its Subcontractors and of persons and organizations directly or indirectly employed by Contractor and any Subcontractor and of persons or organizations for whose acts any of them may be liable to the same extent Contractor is responsible for the acts and omissions of persons directly employed by Contractor. Nothing in these documents creates any obligation on the part of the Owner to pay or to see to the payment of any monies due any Subcontractor or other person or organization except as may otherwise be required by law.

Section 5. Fees, Taxes and Permits.

1. Contractor shall pay all applicable royalties and license fees. Contractor shall defend all suits or claims for infringement of any patent rights and save Owner harmless from loss on account thereof.
2. All permits and licenses, including SDC or other governmental fees, licenses, and inspections required for construction shall be obtained at the expense of Contractor. Owner shall assist the Contractor when necessary in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work and which are applicable at the time of Bid opening. Contractor shall pay all charges of utility service companies for connections to the Work. Contractor shall pay all sales, consumer, use and other similar taxes required to be paid by Contractor in accordance with the laws of the place of the Project.

Section 6. Survey, Permits and Regulations.

1. Owner shall furnish all boundary surveys and establish all base lines for locating principal component parts of the Work together with a suitable number of bench marks adjacent to the Work as shown in the contract documents. From the information provided by Owner, unless otherwise specified in the contract documents, Contractor shall develop and make all detailed surveys needed for construction.
2. The Contractor shall carefully preserve bench marks, reference points and stakes and, in case of willful or careless destruction, Contractor shall be charged with the resulting expense and shall be responsible for any mistakes which may be caused by unnecessary loss or disturbance.

Section 7. Protection of Work, Property and Persons.

Contractor will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Contractor will take all necessary precautions for the safety of, or provide the necessary protection to prevent injury, damage, or loss, to all employees on the worksite and other persons who may be affected. Contractor shall also be responsible for all safety precautions regarding all Work and all materials or equipment to be incorporated into the Work, whether in storage on or off the site, and the property at the site or adjacent to it, including trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designed for removal, relocation, or replacement in the course of construction. Contractor will remedy all damage, injury or loss to any property caused, directly or indirectly, in whole or in part, by the Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or any for whose acts any of them may be liable except for acts directly attributable to Owner or Owner's Representative or any person employed by either of them whose acts are not attributable directly or indirectly in whole or in part to the fault or negligence of Contractor.

Section 8. Supervision by Contractor.

The Contractor will supervise and direct the Work. Contractor will be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Contractor will employ and maintain on the Work a qualified supervisor who shall have been designated in writing by Contractor as Contractor's representative at the site. The supervisor shall have full authority to act on behalf of Contractor and all communications given to the supervisor shall be as binding as if given to Contractor. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the Work.

Section 9. Changes in Work.

Owner, at any time the need arises, may order changes in the scope of the Work without invalidating the Agreement. If such changes increase or decrease the amount due under the contract documents, or the time required for performance of the Work, an equitable adjustment shall be authorized by Change Order. Owner or its representative may also, at any time, by issuing a Field Order, make changes in the details of the Work. Contractor shall proceed with the performance of any changes in the Work so ordered, unless Contractor believes that such Field Order entitles Contractor to a change in Contract Price or Contract Time, or both, in which event Contractor shall give Owner's Representative Written Notice of the proposed Change Order within two (2) days after receipt of the Field Order. Contractor shall document in Contractor's notice the basis for the change in Contract Price or Contract Time by separate notice delivered within five (5) days of the date of the Written Notice of the proposed Change Order. Contractor shall not execute such changes pending the receipt of an executed Change Order or further instruction from Owner.

Section 10. Changes in Contract Price.

The Contract Price may be changed only by a written, signed Change Order. The value of any Work covered by a Change Order or of any claim for increase or decrease in the Contract Price shall be determined by one or more of the following methods in the order of precedence listed below:

1. Unit prices previously approved.
2. An agreed lump sum.
3. The actual cost of labor, direct overhead, materials, supplies, and other services necessary to complete the Work plus an amount not to exceed 10% of the actual Work to cover the cost of general overhead profit.

Section 11. Limitation on Liquidated Damages.

Contractor shall not be charged with liquidated damages when the delay in completion of the Work is due to the following and Contractor has promptly given Written Notice of such delay to Owner or its representative:

1. Unforeseeable causes beyond the control and without the fault or negligence of Contractor, including but not restricted to acts of God or of the public enemy, acts of Owner, acts of another Contractor in performance of the contract with the Owner, fires, floods, epidemics, quarantine restriction, strikes, freight embargoes, and abnormal and unforeseen weather; and
2. Any delays of Subcontractors occasioned by any of the causes specified above.

Section 12. Correction of Work.

1. Contractor shall promptly remove from the premises all Work rejected by Owner's Representative for failure to comply with the contract documents, whether incorporated in construction or not, and Contractor shall promptly replace and re execute the Work in accordance with the contract documents and without expense to Owner and shall bear the expense of making good all Work of other contractors destroyed or damaged by such removal or replacement.
2. All removal and replacement Work shall be done at Contractor's expense. If Contractor does not take action to remove rejected Work within five (5) days after receipt of Written Notice of rejection, Owner may remove such Work and store the materials at the expense of Contractor.

Section 13. Subsurface Conditions.

Contractor shall promptly and before such conditions are disturbed, except in the event of an emergency, notify Owner by Written Notice of:

1. Subsurface or latent physical conditions at the site differing materially from those indicated in the contract documents.
2. Unknown physical conditions at the site of an unusual nature, differing markedly from those ordinarily encountered and generally recognized as inherent in Work of the character provided for in the contract.

Owner shall promptly investigate the conditions and if found that such conditions do so materially differ and cause an increase or decrease in the cost of or in the time required for performance of the Work, an equitable adjustment shall be made and the contract documents shall be modified by a change order. Any claim of Contractor for adjustment hereunder shall not be allowed unless he has given the required Written Notice.

Section 14. Suspension of Work, Termination Delay.

1. If Contractor is adjudged a bankrupt or insolvent or if Contractor makes a general assignment for the benefit of Contractor's creditors, or if a trustee or receiver is appointed for the Contractor or for any of Contractor's property, or if Contractor files a petition to take advantage of any debtor's act or to reorganize under bankruptcy or applicable laws, or if Contractor repeatedly fails to supply sufficient skilled workmen or suitable material or equipment, or if Contractor repeatedly fails to make prompt payments to Subcontractors for labor, materials, or equipment, or if Contractor disregards laws, ordinances, rules, regulations, or orders of any public body having jurisdiction of the Work, or if Contractor disregards the authority of Owner's Representative or if Contractor otherwise violates any provision of the contract documents, then Owner may, without prejudice to any other right or remedy, after giving Contractor and Contractor's surety a minimum of five (5) days' Written Notice, terminate the services of the Contractor and take possession of the Project and all materials, equipment, tools, construction equipment, and machinery owned by Contractor and finish the Work by whatever method Owner may deem expedient. In such case, Contractor shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the contract price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess shall be paid to Contractor. If the costs exceed such unpaid balances, Contractor will pay the difference to Owner. Such costs incurred by Owner will be determined by Owner and incorporated in a change order.
2. Where Contractor's services have been terminated under Section 14.1, by Owner, the termination shall not affect any right of Owner against Contractor then existing or which may thereafter accrue. Any retention or payment of monies by Owner due Contractor will not release Contractor from compliance with the contract documents.
3. After five (5) days from delivery of Written Notice under Section 14.1 to Contractor, Owner may, without cause and without prejudice to any other right or remedy, elect to abandon the Project and terminate the contract. In such case, Contractor shall be paid for all Work executed and any reasonable expense sustained plus reasonable profit for the Work performed.

Section 15. Equal Opportunity.

Contractor agrees to comply with the applicable provisions of the Equal Opportunity Act of 1972 and the Civil Rights Act of 1964 as amended. Contractor shall have the obligation to ensure that the employees and applicants for employment are not discriminated against because of race, creed, color, sex, or national origin.

Section 16. Public Contracting Code Requirements.

1. Contractor shall pay promptly, as due, all persons supplying labor or materials for the prosecution of the Work provided for in the contract, and shall be responsible for such payment of all persons supplying such labor or material to any Subcontractor.
 - (a) ORS 279C.580(3)(a) requires the prime Contractor to include a clause in each subcontract requiring Contractor to pay the first-tier Subcontractor for satisfactory performance under its subcontract within ten (10) days out of such amounts as are paid to the prime Contractor by the public contracting agency; and
 - (b) ORS 279C.580(3)(b) requires the prime Contractor to include a clause in each subcontract requiring Contractor to pay an interest penalty to the first-tier Subcontractor if payment is not made within thirty (30) days after receipt of payment from the public contracting agency.
 - (c) ORS 279C.580(4) requires the prime Contractor to include in every subcontract a requirement that the payment and interest penalty clauses required by ORS 279C.580(3)(a) and (b) be included in every contract between a Subcontractor and a lower-tier Subcontractor or Supplier.
2. Contractor shall promptly pay all contributions or amounts due the Industrial Accident Fund from such Contractor or Subcontractor incurred in the performance of the contract, and shall be responsible that all sums due the State Unemployment Compensation Fund from Contractor or any Subcontractor in connection with the performance of the contract shall promptly be paid.
3. Contractor shall not permit any lien or claim to be filed or prosecuted against the Owner on account of any labor or material furnished and agrees to assume responsibility for satisfaction of any such lien so filed or prosecuted.
4. A notice of claim on Contractor's payment bond shall be submitted only in accordance with ORS 279C.600 and 279C.605.
5. Contractor and any Subcontractor shall pay to the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.
6. Contractor shall demonstrate to Owner that an employee drug-testing program is in place within ten (10) days of receiving a Notice of Award.
7. Pursuant to ORS 279C.515, if Contractor fails, neglects or refuses to make prompt payment of any claim for labor or materials furnished to the Contractor or a Subcontractor by any person in connection with the contract as such claim becomes due, the Owner may pay such claim to the persons furnishing the labor or material and charge the amount of payment against funds due or to become due to Contractor by reason of the contract. The payment of a claim in the

manner authorized hereby shall not relieve the Contractor or its surety from their obligations with respect to any unpaid claim. If Owner is unable to determine the validity of any claim for labor or material furnished, Owner may withhold from any current payment due Contractor an amount equal to said claim until its validity is determined and the claim, if valid, is paid.

8. Pursuant to ORS 279C.515, if the Contractor or a first-tier Subcontractor fails, neglects, or refuses to make payment to a person furnishing labor or materials in connection with the public contract for a public improvement within 30 days after receipt of payment from Owner or Contractor, the Contractor or first-tier Subcontractor shall owe the person the amount due plus interest charges commencing at the end of the 10 day period that payment is due under ORS 279C.580(4) and ending upon final payment, unless payment is subject to a good faith dispute as defined in ORS 279C.580. The rate of interest charged to Contractor or first-tier Subcontractor on the amount due shall equal three times the discount rate on 90-day commercial paper in effect at the Federal Reserve Bank in the Federal Reserve District that includes Oregon on the date that is thirty (30) days after the date when payment was received from the public contracting agency or from the Contractor, but the rate of interest shall not exceed thirty (30) percent. The amount of interest may not be waived.
9. As provided in ORS 279C.515, if the Contractor or a Subcontractor fails, neglects, or refuses to make payment to a person furnishing labor or materials in connection with the public contract, the person may file a complaint with the Construction Contractors Board, unless payment is subject to a good faith dispute as defined in ORS 279C.580.
10. Pursuant to ORS 279C.530, Contractor shall promptly, as due, make payment to any person, co-partnership, association, or corporation, furnishing medical, surgical and hospital care or other needed care and attention, incident to sickness or injury, to employees of such Contractor, of all sums which the Contractor agrees to pay for such services and all monies and sums which the Contractor collected or deducted from the wages of employees pursuant to any law, contract or agreement for the purpose of providing or paying for such service.
11. Contractor shall employ no person for more than ten (10) hours in any one day, or forty (40) hours in any one week, except in cases of necessity, emergency, or where public policy absolutely requires it, and in such cases, except in cases of contracts for personal services designated under ORS 279A.055, Contractor shall pay the employee at least time and one-half pay for all overtime in excess of eight (8) hours a day or forty (40) hours in any one week when the Work is five (5) consecutive days, Monday through Friday; or for all overtime in excess of ten (10) hours a day or forty (40) hours in any one week when the Work week is 4 consecutive days, Monday through Friday; and for all Work performed on Saturday and on any legal holidays as specified in ORS 279C.540.

12. Pursuant to ORS 279C.540(2), the Contractor must give notice to employees who Work on this contract in writing, either at the time of hire or before commencement of Work on the contract, or by posting a notice in a location frequented by employees, of the number of hours per day and the days per week that the employees may be required to Work.
13. The provisions of ORS 279C.800 to ORS 279C.870 relating to the prevailing wage rates will be complied with.
- (a) The hourly rate of wage to be paid by Contractor or any Subcontractor to workers in each trade or occupation required for the public works employed in the performance of this Contract shall not be less than the specified minimum rate of wage in accordance with ORS 279C.838 and ORS 279C.840.
- (b) The latest prevailing wage rates for public works contracts in Oregon are contained in the following publications: The January 2016 Prevailing Wage Rates for Public Works Projects in Oregon, including the April 2016 Amendments, and the January 2016 PWR Apprenticeship Rates, including the April 2016 Amendments. Such publications can be reviewed electronically at:
- https://www.oregon.gov/boli/WHD/PWR/Pages/PWR_Rate_Publications_2016.a.spx
- and are hereby incorporated as part of the contract documents.
- (c) Contractor and all Subcontractors shall keep the prevailing wage rates for this Project posted in a conspicuous and accessible place in or about the Project.
- (d) The Owner shall pay a fee to the Commissioner of the Oregon Bureau of Labor and Industries as provided in ORS 279C.825. The fee shall be paid to the Commissioner as required by the administrative rules adopted by the Commissioner.
- (e) If Contractor or any Subcontractor also provides for or contributes to a health and welfare plan or a pension plan, or both, for its employees on the Project, it shall post notice describing such plans in a conspicuous and accessible place in or about the Project. The notice shall contain information on how and where to make claims and where to obtain future information.
14. Unless exempt under ORS 279C.836(4), (7), (8) or (9), before starting Work on this contract, or any subcontract hereunder, Contractor and all Subcontractors must have on file with the Construction Contractors Board a public works bond with a corporate surety authorized to do business in the State of Oregon in the amount of \$30,000. The bond must provide that the Contractor or Subcontractor will pay claims ordered by the Bureau of Labor and Industries to workers performing labor upon public works projects. The bond must be a continuing obligation, and the surety's liability for the aggregate of claims that may be

payable from the bond may not exceed the penal sum of the bond. The bond must remain in effect continuously until depleted by claims paid under ORS 279C.836(2), unless the surety sooner cancels the bond. The surety may cancel the bond by giving thirty (30) days' Written Notice to the Contractor or Subcontractor, to the Construction Contractors Board and to the Bureau of Labor and Industries. When the bond is canceled, the surety is relieved of further liability for Work performed on contracts entered into after the cancellation. The cancellation does not limit the surety's liability for Work performed on contracts entered into before the cancellation. Contractor further certifies that Contractor will include in every subcontract a provision requiring a Subcontractor to file a public works bond with the Construction Contractors Board before starting Work on the Project, unless exempt under ORS 279C.836(4), (7), (8), or (9).

- (a) Unless exempt under ORS 279C.836(4), (7), (8), or (9), before permitting a Subcontractor to start Work on this public works project, the Contractor shall verify that the Subcontractor has filed a public works bond as required under this section or has elected not to file a public works bond under ORS 279C.836(7).
 - (b) Unless the Owner has been notified of any applicable exemptions under ORS 279C.836(4), (7), (8), or (9), the public works bond requirement above is in addition to any other bond Contractor or Subcontractors may be required to obtain under this contract.
15. As may be required by ORS 279C.845, Contractor or Contractor's surety and every Subcontractor or Subcontractor's surety shall file certified payroll statements with the Owner in writing.
- (a) If Contractor is required to file certified statements under ORS 279C.845, the Owner shall retain twenty-five (25) percent of any amount earned by the Contractor on the public works project until the Contractor has filed with the Owner a certified statement as required by ORS 279C.845. The Owner shall pay the Contractor the amount retained within 14 days after the Contractor files the required certified statements, regardless of whether a Subcontractor has failed to file certified statements required by statute. The Owner is not required to verify the truth of the contents of certified statements filed by the Contractor under this section and ORS 279C.845.
 - (b) The Contractor shall retain twenty-five (25) percent of any amount earned by a first-tier Subcontractor on this public works contract until the Subcontractor has filed with the Owner certified statements as required by ORS 279C.845. The Contractor shall verify that the first-tier Subcontractor has filed the certified statements before the Contractor may pay the Subcontractor any amount retained. The Contractor shall pay the first-tier Subcontractor the amount retained within fourteen (14) days after the Subcontractor files the certified statements as required by ORS 279C.845. Neither the Owner nor the Contractor is required to verify the

truth of the contents of certified statements filed by a first-tier Subcontractor.

16. All employers, including Contractor, that employ subject workers who Work under this contract shall comply with ORS 656.017 and provide the required Workers' Compensation coverage, unless such employers are exempt under ORS 656.126. Contractor shall ensure that each of its Subcontractors complies with these requirements.
17. All sums due the State Unemployment Compensation Fund from the Contractor or any Subcontractor in connection with the performance of the contract shall be promptly so paid.
18. The contract may be canceled at the election of Owner for any willful failure on the part of Contractor to faithfully perform the contract according to its terms.
19. Contractor certifies that it has not and will not discriminate against minorities, women or emerging small business enterprises in obtaining any required Subcontractors, or against a business enterprise that is owned or controlled by, or that employs a disabled veteran as defined in ORS 408.225.
20. Contractor certifies its compliance with the Oregon tax laws, in accordance with ORS 305.385.
21. In the performance of this contract, the Contractor shall use, to the maximum extent economically feasible, recycled paper, materials, and supplies, and shall compost or mulch yard waste material at an approved site, if feasible and cost effective.
22. As may be applicable, Contractor certifies that all Subcontractors performing construction Work under this contract will be registered with the Construction Contractors Board or licensed by the state Landscaping Contractors Board in accordance with ORS 701.035 to ORS 701.055 before the Subcontractors commence Work under this contract.
23. Pursuant to City Public Contracting Rule 137-049-0880, the Owner may, at reasonable times and places, have access to and an opportunity to inspect, examine, copy, and audit the records relating to the Contract.
24. Pursuant to ORS 279C.510, if feasible and cost-effective and contract is for demolition, Contractor shall salvage or recycle construction and demolition debris.
25. Pursuant to ORS 279C.510, if feasible and cost-effective and contract is for lawn and landscape maintenance, Contractor shall compost or mulch yard waste material at an approved site.

26. In compliance with the provisions of ORS 279C.525, the following is a list of federal, state and local agencies, of which the Owner has knowledge, that have enacted ordinances or regulations dealing with the prevention of environmental pollution and the preservation of natural resources that may affect the performance of the contract:

FEDERAL AGENCIES:

- Agriculture, Department of
 - Forest Service
 - Soil Conservation Service
- Defense, Department of
 - Army Corps of Engineers
- Environmental Protection Agency
- Interior, Department of
 - Bureau of Sport Fisheries and Wildlife
 - Bureau of Outdoor Recreation
 - Bureau of Land Management
 - Bureau of Indian Affairs
 - Bureau of Reclamation
- Labor, Department of
 - Occupational Safety and Health Administration
- Transportation, Department of
 - Coast Guard
 - Federal Highway Administration

STATE AGENCIES:

- Agriculture, Department of
- Environmental Quality, Department of
- Fish and Wildlife, Department of
- Forestry, Department of
- Geology and Mineral Industries, Department of
- Human Resources, Department of
- Land Conservation and Development Commission
- Soil and Water Conservation Commission
- State Engineer
- State Land Board
- Water Resources Board

LOCAL AGENCIES:

- City Council
- County Court
- County Commissioners, Board of
- Port Districts

- Metropolitan Service Districts
 - County Service Districts
 - Sanitary Districts
 - Water Districts
 - Fire Protection Districts
24. Once before the first payment and once before final payment is made of any sum due on account of the contract for a public work, Contractor or Contractor's surety and every Subcontractor with a Subcontractor's surety, shall file a statement with Owner in writing in the form prescribed by the Commissioner of the Bureau of Labor and Industries, certifying the hourly rate of wage paid each classification of worker which Contractor or Subcontractor has employed upon such public work, and further certifying that no worker employed upon such public work has been paid less than the prevailing rate of wage or less than the minimum hourly rate of wage specified in the contract, which certificate and statement shall be verified by the oath of Contractor or Contractor's surety or Subcontractor or the Subcontractor's surety, that Contractor or Subcontractor has read such statement and certificate, knows the contents thereof, and that the same is true to Contractor's or Subcontractor's knowledge. A true copy of the certification or certifications required to be filed pursuant to this section shall also be filed at the same time with the Commissioner of the Bureau of Labor and Industries.

Section 17. Warranty and Guarantee.

1. Contractor warrants and guarantees to Owner that all Work will be done in accordance with the Contract Documents and will not be defective. Prompt notice of all defects shall be given to Contractor. All defective Work, whether or not in place, may be rejected, corrected or accepted. Contractor understands that the City of Veneta and Lane County and their various departments, and agencies, must be consulted and be allowed to inspect the Work and sign off in each particular area. At all times Owner's Representative and appropriate inspectors shall have access to the Work for inspection and testing. Contractor shall provide proper and safe conditions for such access.
2. Where any law, ordinance, rule, regulation, code, or other order of any public body having jurisdiction requires any Work or part thereof to specifically inspected, tested or approved, Contractor shall assume full responsibility for such inspection, testing, or approval, and pay all costs in connection therewith and furnish Owner's Representative with the required certificates of inspection, testing or approval. If any Work to be inspected, tested, or approved is covered without written concurrence of Owner's Representative, it must be, if requested, uncovered for observation. Such uncovering shall be at Contractor's expense.
3. Neither observations by the Owner's Representative nor inspection tests or approvals by others shall relieve the Contractor from his obligations to perform the Work in accordance with the contract documents.

4. If, within two (2) years after the date of final completion and sign off and payment of any retainage by Owner to Contractor, there is any defect in materials or workmanship, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions, either correct such defective Work or, if it has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not promptly comply with the terms of such instructions, or in an emergency where a delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or the rejected Work removed and replaced. All direct or indirect costs of such removal or replacement, including compensation for additional professional services, shall be paid by Contractor. Such additional professional services include the services of any attorney employed by Owner to assist it in dealings with Contractor. If Contractor does not pay for such Work, or does not ensure that such Work is performed as required by this section, Owner may pursue reimbursement from Contractor, including pursuing a claim upon Contractor's bond, if applicable, for payment of such Work. All notices sent to Contractor shall have copies sent to Contractor's surety.
5. Contractor warrants and guarantees that title to all Work, materials, and equipment covered by the application for payment, whether incorporated in the Project or not, will pass to Owner at the time of payment, free and clear of all liens, claims, security interests and encumbrances of any party whomsoever.

Section 18. Bond Form.

Payment and Performance Bonds shall be in the form provided within the Invitation to Bid packet. Bid Bonds shall be in the standard form of the issuing company. If a standard form is not available, the AIA Form A-310 shall be acceptable for the Bid Bond.

Section 19. Payments to Contractor.

1. By the 1st day of each month, Contractor will submit to Owner's Representative a partial payment estimate filled out and signed by Contractor covering the Work performed during the period covered by the partial payment estimate and supported by such data as Owner's Representative may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at or near the site, the partial payment estimate shall also be accompanied by such supporting data, satisfactory to Owner, as will establish Owner's title to the material and equipment, and protect its interest therein, including applicable insurance. Owner's Representative will, within ten (10) days after receipt of each partial payment estimate, either indicate in writing his approval of payment and present the partial payment estimate to Owner, or return the partial payment estimate to Contractor indicating in writing his reasons for refusing to approve payment. In the latter case, Contractor may make the necessary corrections and resubmit the partial payment estimate. Owner will, within ten (10) days of the next City

Council meeting after presentation by Owner's Representative of an approved partial payment estimate, pay Contractor a progress payment on the basis of the approved partial payment estimate. Owner shall retain five percent (5%) of the amount of each payment until final completion and acceptance of all Work covered by the contract documents. After fifty percent (50%) of the Work has been completed, Owner may, at Owner's sole discretion, reduce or eliminate retainage on the remaining progress estimates. When the Work is substantially complete, Owner may, at Owner's sole discretion, further reduce the retained amount below 5% to only that amount necessary to assure completion. On completion and acceptance of a part of the Work on which the price is stated separately in the contract documents, Owner may, in Owner's sole discretion, pay for that part of the Work in full, including retained percentages, less authorized deductions.

2. A request for payment may also include an allowance for the cost of such major materials and equipment which are suitably stored either at or near the site.
3. Prior to Substantial Completion, Owner, with the approval of Owner's Representative and with the concurrence of the Contractor, may use any completed or substantially completed portions of the Work. Such use shall not constitute an acceptance of such portions of the Work.
4. Owner shall have the right to enter the premises for the purpose of doing Work not covered by the contract documents. This provision shall not be construed as relieving Contractor of the sole responsibility for the care and protection of the Work, or the restoration of any damaged Work except such as may be caused by agents or employees of Owner. Such entry or Work shall only be allowed to the extent it does not interfere with Contractor's Work.
5. Upon completion and acceptance of the Work, Owner's Representative shall issue a certificate attached to the final payment request that the Work has been accepted by him under the conditions of the contract documents. The entire balance found to be due the Contractor, including the retained percentages, but except such sums as may be lawfully retained by Owner, shall be paid to the Contractor within thirty (30) days of the issuance of the certificate of completion and acceptance of the Work.
6. Contractor will indemnify and save Owner and Owner's officials, employees, agents, and volunteers harmless from all claims arising out of the lawful demands of Subcontractors, laborers, workmen, mechanics, materialmen, and furnishers or machinery and parts thereof, equipment, tools, and all supplies, incurred in the furtherance of the performance of the Work. Contractor shall, at Owner's request, furnish satisfactory evidence that all obligations of the nature designated above have been paid, discharged or waived. If Contractor fails to do so, Owner may, after having notified Contractor, either pay unpaid bills or withhold from Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon

payment to Contractor shall be resumed in accordance with the terms of the contract documents, but in no event shall the provisions of this Section be construed to impose any obligations upon Owner to either Contractor, Contractor's surety or any third party. In paying any unpaid bills of Contractor, any payment so made by Owner shall be considered as a payment made under the contract documents by Owner to Contractor and Owner shall not be liable to Contractor for any such payments made in good faith.

7. If Owner fails to make payment thirty (30) days after approval of a partial payment estimate by Owner's Representative, in addition to the other remedies available to Contractor, there shall be added to each such payment interest at the maximum legal rate commencing on the first day after said payment is due and continuing until the payment is received by the Contractor.

Section 20. Cleanup.

1. From time to time as the Work progresses and immediately after completion of the Work, Contractor shall clean up and remove all refuse and unused materials of any kind resulting from the Work. Upon failure of Contractor to do so within 24 hours after being so directed by Owner's Representative, the Work may be done by Owner and the cost thereof may be deducted from any payment due Contractor.
2. After all other Work embraced in the contract is completed and before final acceptance of the contract, the entire right of way and driveways, alleys, and side street approaches, slopes, ditches, utility trenches, and construction areas shall be neatly finished to the lines, grades and cross sections shown in the specifications.
3. As a condition precedent to final acceptance of the Project, Contractor shall remove all equipment and temporary structures, and all rubbish, waste and generally clean the right of way and premises.

Section 21. Use of Light, Power and Water.

Contractor shall furnish temporary light, power, and water complete with connecting piping, wiring, lamps, and similar equipment necessary before the Work is improved. Contractor shall install, maintain and remove temporary lines upon completion of Work. Contractor shall obtain all permits and bear all costs for connection with temporary services and facilities at no expense to Owner.

Section 22. Arbitration.

1. All claims, disputes, and other matters in question between Owner and Contractor arising out of, or relating to, the contract documents, including

rescission, reformation, enforcement, or the breach of the terms thereof, except for claims which may have been waived by the making or acceptance of final payment or for acquisition of property subject to eminent domain, may be decided by arbitration. Owner shall have the sole discretion as to whether or not a dispute will be decided by arbitration conducted in Lane County, Oregon, rather than through the court process.

2. No demand for arbitration of any claimed dispute or other matter shall be effective until after a claim or demand regarding the underlying dispute is made to the City Council and the Council at its next regularly scheduled meeting, has rendered a written decision with respect thereto denying the claim or demand. No demand for arbitration of the denial of any such claim, dispute, or other matter shall be made later than thirty (30) days after the date on which the City Council has rendered a written decision denying the claim. The failure to demand arbitration within thirty (30) days of the date of the City Council's decision denying the claim shall result in the City Council's decision being binding upon Owner and Contractor.
3. Notice of demand for arbitration shall be filed in writing with the other party to the agreement. The demand for arbitration shall be made within the 30 day period specified above. Owner, if not the party demanding arbitration, has the option of allowing the matter to proceed with arbitration or by Written Notice within five (5) days after receipt of a demand for arbitration, or rejecting arbitration and requiring Contractor to proceed through the courts for relief. Arbitration shall be conducted under the Uniform Arbitration Act, ORS 36.600 *et seq.* If the parties are unable to mutually select an arbitrator within twenty (20) days following Owner's decision to pursue arbitration, then each party shall select an arbitrator, and the two arbitrators shall select a single arbitrator. The arbitrator(s) shall have substantial experience in construction disputes. The parties agree that any award rendered by the arbitrator will be final, and judgment may be entered upon the award in any court having jurisdiction thereof, and will not be subject to modification or appeal except to the extent permitted by Oregon law.

Section 23. Attorney Fees.

If suit, action or arbitration is brought either directly or indirectly to rescind or enforce the terms of this agreement, the prevailing party shall recover and the losing party hereby agrees to pay reasonable attorney's fees incurred in such proceeding, in both the trial and appellate courts, as well as any costs and disbursements. Further, if it becomes necessary for Owner to incur the services of an attorney to enforce any provision of this agreement without initiating litigation, Contractor agrees to pay Owner's attorney's fees so incurred. Such costs and fees shall bear interest at the maximum legal rate from the date incurred, until the date paid by losing party.

Section 500
STANDARD SPECIFICATIONS

STANDARD SPECIFICATIONS

CITY OF VENETA

The Standard Specifications applicable to work on this project and the performance thereof, are those titled "Oregon Standard Specifications for Construction, 2015 edition, Volume 2", in addition to the "Oregon Standard Drawings, 2015 edition", hereinafter called "Standard Specifications" except as the same may be modified, supplemented, or superseded by the Special Provisions herein. The standard specifications are available at <http://www.oregon.gov/ODOT/HWY/SPECS/index.shtml>.

For sanitary sewer work of the project construction, if any, DEQ requires that in addition to the above specification, current DEQ Rules and Specifications will apply, and if a conflict is noted, the more stringent specification will apply. DEQ specifications are the Oregon Standard Specifications for Construction, 2015 edition.

Such Standard Specifications by this reference shall be deemed incorporated herein and made a part hereof as those fully set forth. All number references in the Special Specifications shall be understood to refer to the Section of the Standard Specifications bearing like numbers.

Section 600
SPECIAL SPECIFICATIONS

SPECIAL SPECIFICATIONS

All number references in these Special Provisions shall be understood to refer to the Sections and Subsections of the Standard Specifications and Supplemental Specifications bearing like numbers and to Section and subsections contained in these Special Provisions in their entirety.

00150.50 Cooperation with Utilities

(c) Contractor's Responsibilities

- (Add) Where excavation activities are adjacent to existing utility poles and/or anchors, coordinate with the respective utility to have the pole braced no less than 48 hours in advance, and for the duration of the excavation.
- (Add) When excavation activities are adjacent to existing underground electrical conduits, or water mains notify and coordinate with the respective utility of the proximity, no less than 48 hours in advance.

(Add) (f) Utility Information:

This Project is located within the Oregon Utility Notification Center area which is a Utilities notification system for notifying owners of Utilities about Work being performed in the vicinity of their facilities. The Utilities notification system telephone number is 1-800-332-2344.

00150.60 Construction Equipment Restrictions

(Add) (d) Staging and Storing of Equipment and Materials

Storage of construction equipment, materials, supplies, temporary office or sanitary facilities outside of the construction zone but within City rights-of-way must have written permission from the City. Storage of construction equipment materials, supplies, temporary office or sanitary facilities on private property must have written permission from the private property owner. The Contractor shall provide copies of written permission prior to accessing private property.

00195.13 Asphalt Cement Material Price Escalation/De-Escalation Clause

(Add) The escalation/de-escalation clause for ACP is in effect for this contract.

Class of Work

SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

Comply with Section 00220 of the Standard Specifications modified as follows:

00220.02 Public Safety and Mobility - Add the following bullets to the end of the bullet list:

- Do not place work zone signs or supports that will block existing walkways or existing bikeways.
- Maintain local traffic access at all times.
- Open full road width on weekends and holidays not scheduled for Work and all other non-work hours. Full road width shall also be open other days the Contractor is not Working.
- A contiguous, ADA-compliant, pedestrian access route must be available through or alongside the work zone at all times. Construct temporary ramps as needed to bypass closed sidewalk ramps. A sidewalk or sidewalk ramp may be closed per the next bullet item if an appropriate route is available via the other three corners of the intersection.
- When construction requires the closure of a sidewalk or sidewalk ramp, place a Type "W1" "SIDEWALK CLOSED" (OR22-12-533) sign at each point of closure. Mount each sign above the striped panel of a Type II barricade placed across the sidewalk, facing pedestrians approaching the Work area. Advance warning of sidewalk closure (R9-11 shown in MUTCD) must be placed at the nearest safe crossing to provide an alternate pedestrian route.
- In areas where surfacing is altered or removed from crosswalks or sidewalks, resurface the areas with asphalt concrete or concrete in accordance to ADA standards each day if the areas are open to pedestrian or bicycle traffic.
- Provide five (5) business days prior notification to Lane Transit District (LTD) Operations office, 541-682-6199 for all activities which will affect their operations. Notify LTD on a daily basis of specific Work activities, location, and schedule.
- Provide five (5) business days prior notification to Sanipac Dispatch office, (541) 736-3618 for all activities which will affect their operations. Upon request the contractor shall also notify Sanipac on a daily basis of specific Work activities, location, and schedule.
- Provide five (5) business days prior notification to the U.S. Postal Service (USPS), (541) 349-9774 for all activities which will affect their operations. Upon request the contractor shall also notify USPS on a daily basis of specific Work activities, location and schedule.
- If performing construction activities during school months, coordinate with local school districts and the bus routes for students.

- No ramp or sidewalk location shall be closed for more than four (4) Calendar Days.

00220.03(b) – Work Zone Notifications – Public Notice

(ADD) To the second bullet:

Special written notices shall be door hangers specifying the calendar dates and approximate times of street closures. The dates specified on the door hangers shall match the dates from the approved schedule. The City will provide the language to be used on the notices. The Contractor may revise the City provided language if approved by the Engineer. Provide a local Eugene area or toll free phone number and an email address on all public notices. Provide a draft door hanger to the Engineer for approval prior to printing, allow 1 business day for Engineer's review. The Contractor shall have staff available between 7:00 a.m. and 6:00 p.m. Work Days for the duration of the project to answer public questions at the phone number and email address provided.

In cases where the residents and businesses were notified of a street closure(s) for road work, and the road work was not performed per the date on the notice, the Contractor shall provide additional special written notice on the day of the delay notifying the residents and businesses of the delay; and then re-notify them of the new schedules. Re-notification shall comply with this section.

SECTION 00225 - WORK ZONE TRAFFIC CONTROL

Comply with Section 00225 of the Standard Specifications modified as follows:

00225.05 Contractor Traffic Control Plan - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall provide a traffic control plan. Submit the following, for approval, five calendar days before starting work:

(a) Contractor TCP -

Include the following:

- Proposed TCP showing all TCM and quantities of all TCD.
- Proposed order and duration of the TCM.

SECTION 00280 EROSION AND SEDIMENT CONTROL

00280.16(d) – Inlet Protection

(ADD) Furnish Type 1 inlet protection.

(ADD) Type 1: Furnish plastic sheeting and necessary materials to mask off inlets and catch basins.

00280.16(e) – Sediment Barriers

(ADD) Furnish Type 2 biofilter bags.

00280.46(d) – Inlet Protection

(ADD) Cover, mask off and protect inlets and catch basins within the pavement improvement area prior to any Work within the project limits. Remove cover after sweeping improved surfaces.

00280.46(e) – Inlet Protection

(ADD) Protect storm system near staging area(s) from equipment and materials with biofilter bag sediment barriers in the gutter/storm flow lines. Remove materials, equipment and sweep staging area(s) prior to removal of sediment barriers.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications modified as follows:

00310.41(a) General - ADD the following:

Where an abutting structure or part of a structure is to be left in place, make clean, smooth, vertical cuts with a saw or other approved cutting device. Avoid operations that may damage any portion of the remaining structure.

SECTION 00744 – ASPHALT CONCRETE PAVEMENT

00744.73 – Smoothness Testing and Surface Tolerances

(ADD) Except for wastewater manholes, storm drain manholes and water valves, all other utility appurtenances shall be adjusted by others after paving. For utility appurtenances to be adjusted by others after paving, if the final grade of the pavement deviates from the top of the utility structure by $\frac{1}{2}$ " or less, the Contractor shall handwork a 1' wide transition around the structure such that the compacted asphalt matches the top of the structure. If the final grade of the pavement deviates by more than $\frac{1}{2}$ " higher than the top of the utility structure, the Contractor will pave over the utility, except steam and power vaults shall be exposed for utility access after paving and compaction. If the

final grade of the pavement deviates by more than $\frac{1}{2}$ " lower than the top of the utility structure, the Contractor shall provide a 1' wide transition around the structure to match the top of the structure.

SECTION 01140

01140.47(e) – Cutting Main Lines

(ADD) Existing main lines are expected to be asbestos cement AC material. Contractor is responsible for proper handling and disposal of AC material.

01140.90 – Potable Water Pipe Payment

(ADD) No separate or additional payment will be made for saw cutting

(ADD) No separate or additional payment will be made for restrained joints where identified on plans.

SECTION 01160

01160.90 – Hydrant Assembly Payment

(ADD) Replacement of curb and gutter, and concrete sidewalk shall be incidental.

Section 900
DRAWINGS

3rd STREET WATER LINE BETWEEN BROADWAY AVE AND HUNTER RD CITY OF VENETA, OREGON

EROSION CONTROL NOTES

- USE PROTECTIVE MEASURES TO PREVENT DEBRIS FROM ENTERING STORM SYSTEM. PROTECT DOWNSTREAM CATCH BASINS OR ANY OTHER STORM WATER INLET WITH BIO-BAGS DURING CONSTRUCTION.
- ALL WASTE MATERIAL ASSOCIATED WITH THIS PROJECT SHALL BE PICKED UP AND DISPOSED OF ACCORDING TO APPLICABLE STATE, FEDERAL AND LOCAL REGULATIONS.
- SCHEDULE STREET CLEANING AND END OF PROJECT OR AS DIRECTED BY THE CITY OF VENETA.

RESTORATION NOTES

- RESTORE OR REPLACE ANY DISTURBED LANDSCAPING OF ADJACENT PROPERTIES TO NEW OR BETTER CONDITIONS.
- DAMAGE TO PROPERTY BOTH PUBLIC AND PRIVATE DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

UTILITY NOTES

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0001 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT (503) 232-1987 OR VISITING THEIR WEBS SITE AT WWW.DIGSAFELYOREGON.COM

CALL THE TOLL FREE "ONE-CALL" NUMBER AT 800-332-2344 OR 811 FOR LOCATES AT LEAST TWO DAYS IN ADVANCE OF EXCAVATION.

SURVEY NOTES

- THIS DOES NOT CONSTITUTE A BOUNDARY SURVEY AND IS SUBJECT TO ANY INACCURACIES A SUBSEQUENT SURVEY MAY DISCLOSE.
- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE BASED ON A COMBINATION OF VISIBLE FACILITIES LOCATED ABOVE GROUND AND UTILITY LOCATE MARKS. NO CERTIFICATION IS MADE TO ACTUAL LOCATION OF UNDERGROUND UTILITIES.

PROJECT TEAM

CITY: KYLE SCHAUER,
PUBLIC WORKS DIRECTOR
CITY OF VENETA
88184 8TH STREET
PO BOX 458
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ENGINEER: LANE BRANCH, P.E.
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310 5TH STREET
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EMAIL: laneb@branchengineering.com

SURVEYOR: DAN NELSON, P.L.S.
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EMAIL: dann@branchengineering.com

SHEET INDEX

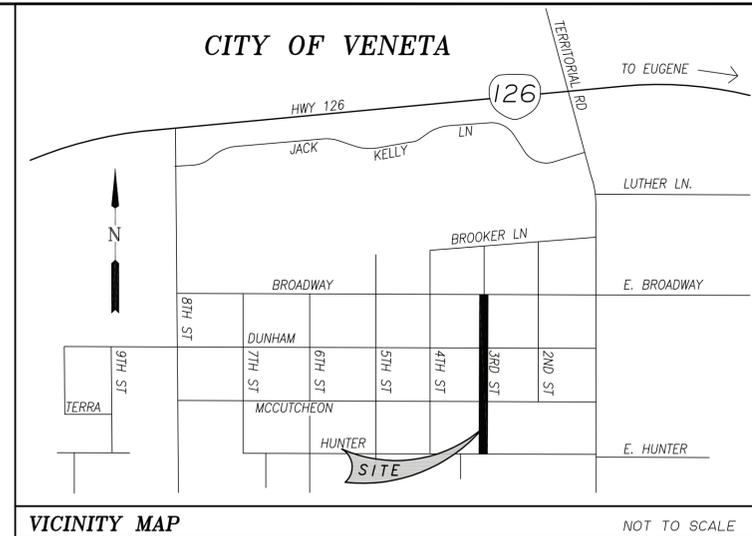
- C1 NOTES & EXISTING CONDITIONS
- C2 PLAN & PROFILE - BETWEEN BROADWAY & McCUTCHEON
- C3 PLAN & PROFILE - BETWEEN McCUTCHEON & HUNTER
- C4 DETAILS

!!CALL BEFORE YOU DIG!!

1-800-332-2344

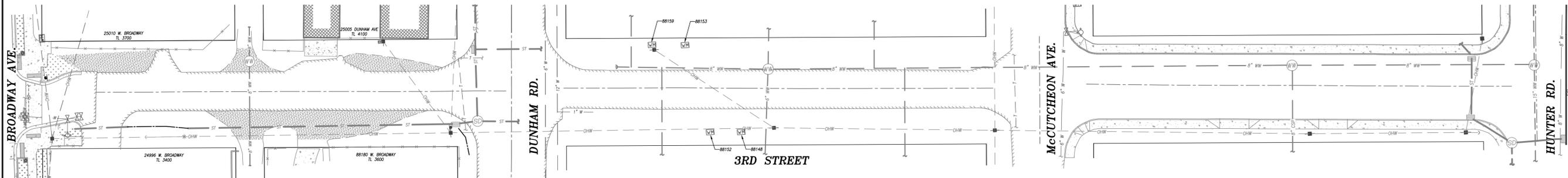
TWO WORK DAYS
IN ADVANCE OF EXCAVATION

ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is (503)232-1987).



VICINITY MAP

NOT TO SCALE



LEGEND

- PROPERTY BOUNDARY LINE
- EDGE OF ASPHALT CONCRETE
- CENTERLINE
- ST — STORM SEWER
- WW — WASTEWATER SEWER
- W — EXISTING WATERLINE
- OHW — OVERHEAD LINES
- FENCE
- BOTTOM OF SWALE
- POWER POLE
- GUY WIRE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING CONCRETE
- CATCH BASIN
- SD — STORM WATER MANHOLE
- WW — WASTEWATER MANHOLE

GENERAL NOTES

- CONSTRUCTION SHALL CONFORM TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE OREGON STANDARD DRAWINGS. WHERE VENETA STANDARD DRAWINGS ARE REFERENCED AND APPLICABLE TO THE CONSTRUCTION, VENETA STANDARDS SHALL APPLY.
- ALL MATERIAL AND EQUIPMENT SHOWN HEREON IS SUBJECT TO REVIEW AND APPROVAL BY THE CITY. THE CONTRACTOR SHALL APPROVE AND PROVIDE THREE COPIES OF CATALOGUE CUT SHEETS FOR ALL MATERIAL AND EQUIPMENT TO BE INSTALLED ON THE PROJECT TO THE CITY ENGINEER. ALLOW A MINIMUM OF 10 DAYS FOR CITY ENGINEER REVIEW OF SUBMITTALS.
- WORK SHALL NOT BE PERFORMED WITHOUT CITY INSPECTIONS. A MINIMUM 48-HOUR ADVANCE NOTICE OF REQUIRED INSPECTIONS IS REQUIRED.
- CONTRACTOR SHALL FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER REGARDING THE REQUIREMENTS FOR UTILITY LOCATES (OAR 952-001-0090). COPIES ARE AVAILABLE AT 1-800-332-2344.
- THE CONTRACTOR SHALL PROTECT AND REPLACE ALL DISTURBED VEGETATION, FENCING AND OTHER IMPROVEMENTS ON PRIVATE PROPERTY.
- ACCESS TO EXISTING FIRE HYDRANTS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- CONTRACTOR IS EXPECTED TO ACTIVELY ENGAGE IN EROSION CONTROL MEASURES TO MINIMIZE THE TRANSPORT OF SEDIMENT AND SOILS FROM THE CONSTRUCTION SITE. ACTIVE ENGAGEMENT SHALL MEAN THAT ALL EROSION CONTROL METHODS ARE MAINTAINED AND THAT THE FACILITIES ARE ROUTINELY INSPECTED FOR COMPLIANCE WITH ACCEPTED EROSION CONTROL PRACTICES.
- FOR TREES MARKED FOR PROTECTION CONTRACTOR SHALL PROVIDE ORANGE PROTECTION FENCING AT DRIP LINE OF TREE.
- CONTRACTOR SHALL KEEP ALL WORK WITHIN ESTABLISHED R-O-W. PRIVATE PROPERTY MAY NOT BE USED FOR MATERIAL STORAGE, EQUIPMENT OR STAGING UNLESS WRITTEN APPROVAL BY THE PROPERTY OWNER IS PROVIDED TO THE CITY.
- OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER SET FORTH IN OAR 925-001-0090. CALL 1-800-332-2349 TO NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. TO COMPLY.
- THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE BASED ON A FIELD SURVEY AND INFORMATION SUPPLIED BY UTILITY COMPANIES. FIELD VERIFY LOCATIONS, ELEVATIONS, TYPE AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTING NEW PIPING. ADJUST NEW PIPING AS REQUIRED. POTHOLING AND TRENCH EXCAVATION SHALL PRECEDE LAYING OF PIPE TO ALLOW REQUIRED ELEVATION AND ALIGNMENT ADJUSTMENTS TO BE ACCOMPLISHED WITHOUT REWORK. DEFLECT PIPE TO ADJUST ELEVATIONS AND ALIGNMENT WHEN POSSIBLE. ADJUSTMENTS SHALL BE EXPECTED AND CONSIDERED INCIDENTAL. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS NOT SHOWN ON THE PLANS.
- KEEP EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. WHERE INTERRUPTION OF EXISTING FACILITIES IS REQUIRED, PROVIDE A MINIMUM OF 72 HOURS NOTICE TO OWNER AND THE AFFECTED UTILITY. CONTRACTOR SHALL ARRANGE FOR THE RELOCATION OF ANY UTILITIES IN CONFLICT WITH THE PROPOSED CONSTRUCTION. MAXIMUM ALLOWABLE SHUTDOWN FOR WATER LINES AND SERVICES IS 4 HOURS UNLESS OTHERWISE APPROVED.
- NOTIFY EACH UNDERGROUND UTILITY AT LEAST 2 DAYS PRIOR TO EXCAVATING, BORING, OR POTHOLING.
- MAINTAIN ACCESS TO ALL HOMES AND BUSINESSES AT ALL TIMES. PROVIDE WRITTEN NOTICE TO ALL PROPERTY OWNERS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF WORK IN AND/OR CROSSING DRIVEWAYS THAT WILL AFFECT ACCESS.
- CONTRACTOR SHALL PROTECT ALL PROPERTY CORNERS, SURVEY MONUMENTS AND CONTROL POINTS. REPLACE DAMAGED SURVEY MONUMENTS.
- PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH SPECIFICATION SECTION 01570.
- ALL BENDS 45° OR LESS AND TEE RUNS SHALL HAVE A MINIMUM OF 18 FT OF RESTRAINED PIPE LENGTH ON EACH SIDE OF FITTING UNLESS OTHERWISE NOTED.
- COMPLY WITH OAR CHAPTER 333 RULES FOR REQUIRED WATERLINE-SEWER LINE SEPARATION AND CROSSING REQUIREMENTS. SEE SPECIFICATION SECTION 02600 FOR PIPE INSTALLATION REQUIREMENTS. CENTER WHOLE WATER PIPE SECTION WHERE THE WATERLINE CROSSES UNDER THE SEWER LINE. EXPOSE THE SEWER PIPE TO THE NEAREST JOINTS FOR INSPECTION. REPAIR ANY SEWER LINES AS DIRECTED.
- AT THE END OF EACH WORK DAY ALL OPEN TRENCHES SHALL BE BACKFILLED, TEMPORARY PAVED OR AC COLD PATCHED WITHIN STREETS TO THE SATISFACTION OF THE CITY OF VENETA.
- PROVIDE TEMPORARY CONNECTIONS, BLOWOFFS AND THRUST RESTRAINTS AS REQUIRED TO FACILITATE FLUSHING, TESTING AND DISINFECTION. AT COMPLETION OF DISINFECTION, REMOVE TEMPORARY TEST TAPS AND REPLACE WITH TEMPORARY PLUGS UNTIL CONNECTIONS TO EXISTING FACILITIES ARE COMPLETE.
- THE CONTRACTOR SHALL COMPLY WITH ALL CITY OF VENETA REQUIREMENTS FOR WORK IN AND RESTORATION OF CITY STREETS AND PUBLIC RIGHT-OF-WAYS.
- CONCRETE FOR PIPELINE ENCASEMENT, CONCRETE CAP, AND REPAIR OF ANY DAMAGED SIDEWALKS, CURB, OR GUTTERS:
 - 28 DAY COMPRESSIVE STRENGTH 3,000 PSI WHEN CURED AND TESTED IN ACCORDANCE WITH ASTM C31 AND C39
 - COARSE AGGREGATE SIZE: 3/4" MAXIMUM IN ACCORDANCE WITH ASTM C33
 - WATER/CEMENT RATIO: 0.55
 - SLUMP: 3" TO 5"
 - MINIMUM CEMENT CONTENT OR COMBINED CEMENT PLUS FLY ASH: 500 POUNDS PER CUBIC YARD
 - AIR ENTRAINMENT: 4 TO 6% IN ACCORDANCE WITH ASTM C260
 - FLY ASH: ASTM C618, CLASS C OR F
- PROTECT SURROUNDING AREA OUTSIDE THE TRENCH FROM DAMAGE. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF DAMAGED UTILITY TRENCHES AND ANY ASSOCIATED PAVEMENT REPAIR.
- PROVIDE PIPE WITH PUSH ON JOINTS UNLESS OTHERWISE NOTED.
- DEFLECT PIPE AS NEEDED TO MAINTAIN PLAN ALIGNMENT. (MAX 4" DEFLECTION PER STICK OF PIPE)
- SAWCUT AND TRENCH PATCH FOR SERVICE LINES IS NOT SHOWN ON DRAWINGS. PROVIDE NECESSARY SAWCUT AND RESTORATION TO PERFORM WORK.

INSPECTION NOTES

- CITY WILL CONTRACT WITH A SPECIAL INSPECTOR. CONTRACTOR IS RESPONSIBLE TO COORDINATE SPECIAL INSPECTIONS.
- COORDINATE PERIODIC CITY INSPECTIONS AND COMPACTION TESTING FOR THE BEDDING, PIPE ZONE BACKFILL, AND TRENCH BACKFILL EVERY 200'.
- SEE TABLE FOR REQUIRED INSPECTIONS.

REQUIRED INSPECTIONS

ITEM	CITY (PERIODIC)	SPECIAL INSPECTOR
PREPARED SUBGRADE PRIOR TO PLACING ANY BEDDING MATERIAL BELOW PIPE OR VAULTS	X	
COMPACTED BEDDING MATERIAL BELOW PIPE OR VAULTS	X	X
PIPE, VALVE, AND VAULT INSTALLATION PRIOR TO BACK FILLING	X	
COMPACTED PIPE ZONE BACKFILL	X	X
COMPACTED TRENCH ZONE BACKFILL	X	X
EXISTING SEWER PIPE WHERE THE WATER PIPE CROSSES BELOW	X	
COMPACTED TRENCH AND VAULT BACKFILL	X	X
PREPARED ROAD SUBGRADE	N/A	N/A
TEMPORARY PAVING	X	
FINAL PAVING	X	

project title:

3rd STREET WATER LINE
CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

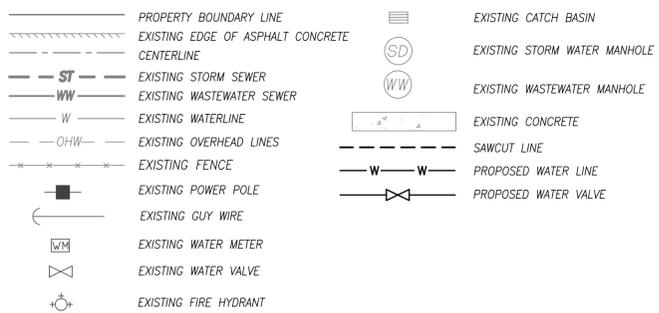
revisions:

date: 9/19/2016
drawn by: MD
designer: MLB
project no: 16-006b

NOTES & EXISTING CONDITIONS

sheet: **C1**

LEGEND

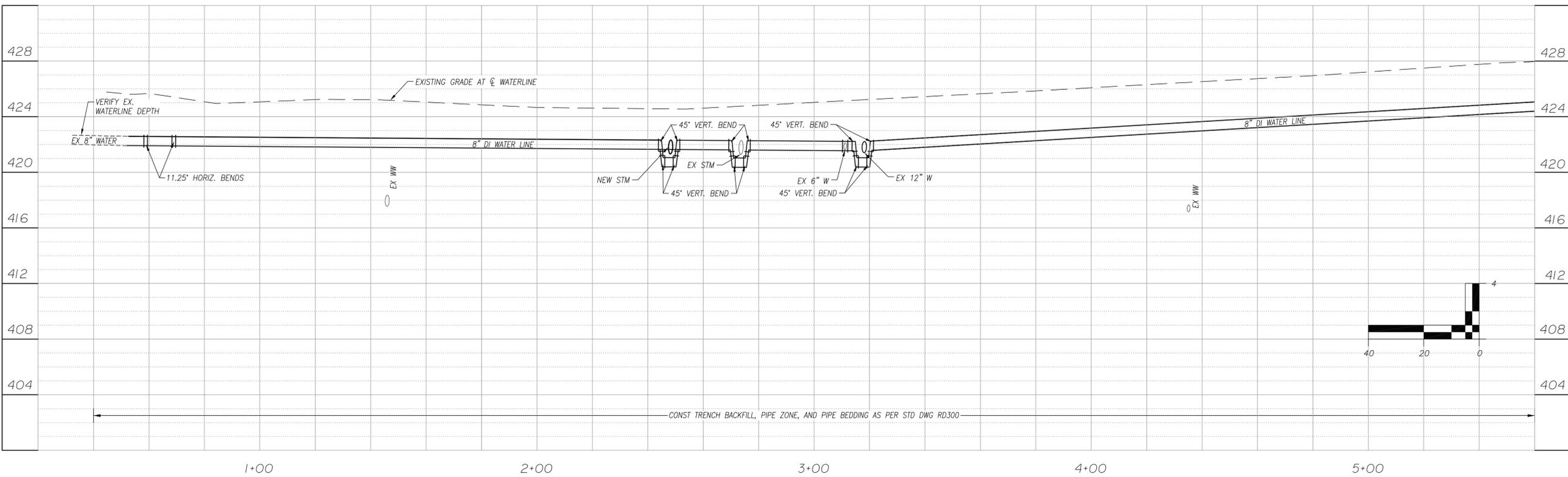
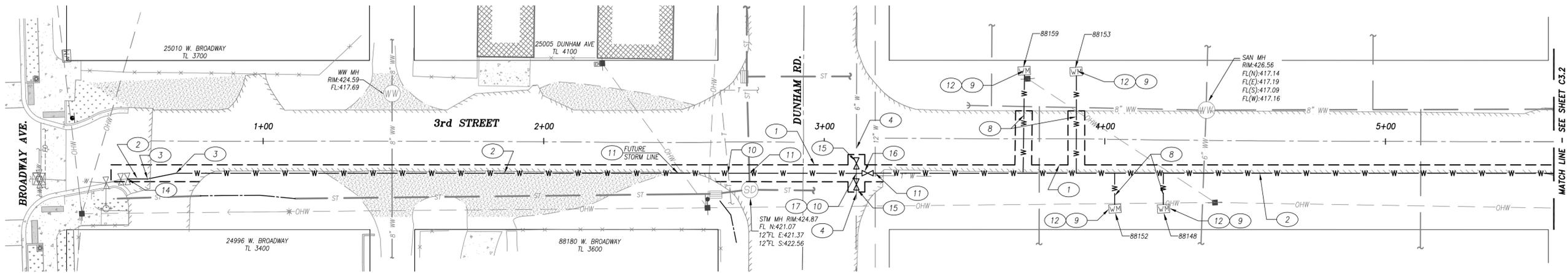


CONSTRUCTION NOTES

- 1 SAWCUT AND REMOVE EXISTING PAVEMENT AND REPLACE WITH LIKE MATERIAL PER ODOT STD DWG RD302 (SEE SHEET C4). PROVIDE 4" THICKNESS OF LEVEL 2 ASPHALT FOR PAVEMENT REPLACEMENT, OVER 12" CRUSHED ROCK.
- 2 CONSTRUCT 8" STANDARD CLASS 52 DUCTILE IRON WATER PIPE. WATERLINE TRENCH PER PER ODOT STANDARD DRAWING RD300. SEE SHEET C4. BACKFILL CLASS "B". DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT PIPE AND MECHANICAL JOINT FITTINGS FOR ALL RESTRAINTS PER AWWA STANDARDS. MINIMUM 30" COVER.
- 3 INSTALL 11.25" MV BEND.
- 4 CONNECT TO EXISTING 6" AC WATER MAIN. REMOVE AND DISPOSE OF EXISTING AC PIPE BETWEEN CONNECTIONS.
- 8 INSTALL NEW 1" SERVICE CONNECTION FROM 8" MAIN TO EXISTING WATER METER. SEE CITY OF VENETA STANDARD DRAWING, SHEET C4. USE 1" MUELLER BALL CORPORATION VALVE B-25029 AND 1" ADS POTABLE WATER SERVICE PIPE (PPS) SIDR 7 FOR SERVICE LINE.
- 9 FURNISH AND INSTALL NEW WATER METER BOX, WATER METER LID, NEW WATER METER, 1" ANGLE METER VALVE, AND BALL METER VALVE. CONNECT EXISTING WATER SERVICE LINE TO NEW SERVICE LINE WITH APPROPRIATE FITTINGS. SEE CITY OF VENETA STANDARD DRAWING SHEET C4.
- 10 POTHOLE EXISTING UTILITY LINE AND AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 11 PROPOSED WATERLINE TO BE PLACED UNDER EXISTING UTILITY LINE. PROVIDE 45° VERTICAL BENDS WITH MECHANICAL RESTRAINT TO ACHIEVE BEND UNDER PROPOSED UTILITY LINE. RESTRAIN 20' BEYOND BEND.
- 12 INSTALL NEW WATER METER WITHIN RIGHT-OF-WAY (CITY TO PROVIDE METER.) REMOVE EXISTING METER FROM PRIVATE PROPERTY AND RECONNECT SERVICE. COORDINATE WITH PROPERTY OWNER ON RECONNECTING SERVICE.
- 13 REPLACE CONCRETE SIDEWALK SECTION, 4" CONCRETE OVER 4" CRUSHED ROCK PER DETAIL RD720.
- 14 CONNECT TO EXISTING 8" WATER MAIN.
- 15 FURNISH AND INSTALL 6" MJxFL GATE VALVE PER CITY OF VENETA STANDARD DETAIL V403.
- 16 FURNISH AND INSTALL 8" MJxFL GATE VALVE PER CITY OF VENETA STANDARD DETAIL V403.
- 17 FURNISH AND INSTALL 8"x8"x6" TEE. PROVIDE THRUST RESTRAINT.

WATER CONSTRUCTION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER HANDLING AND DISPOSAL OF ALL ASBESTOS CEMENT PIPE.
2. ALL WATER CONNECTIONS TO EXISTING WATER MAINS SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PIPE MANUFACTURER AND APPROPRIATE AWWA STANDARDS FOR WATER INSTALLATION.



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REGISTERED PROFESSIONAL
ENGINEER
 #52996
 OREGON
 FEBRUARY 8, 2017
 MICHAEL LANE BRANNEY
 EXPIRES: DECEMBER 31, 2017

project title:

3RD STREET WATER LINE
 CITY OF VENETA
 88184 8TH STREET
 VENETA, OREGON

revisions:
 date: 9/19/2016
 drawn by: MD
 designer: MLB
 project no: 16-006b

**WATERLINE
 PLAN & PROFILE
 BROADWAY TO
 McCUTCHEON**
 sheet: **C2**

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BID SET

GENERAL NOTES FOR ALL DETAILS:

1. Meter box mid-states MSBCF 1324-12 for 1" service, MSBCF 1730-18XL for 2" service. D.I. covers to have flip lid. Automatic meter reader (AMR) hole required in 1 of 2 side by side and single meter cover.
2. City provides meter with paid meter installation application.
3. Traffic rated meter box and cover required if set in driveway. Contractor to provide submittal prior to installation.
4. Coordinate with city on PVC conduit for meter banks with more than 2 meters.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS
TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS

2015

WEBER ELLIOTT ENGINEERS, P.C.
Eugene, OR

CITY OF VENETA STANDARD DRAWING
TYPICAL WATER METER CONNECTION
V408
SCALE: NTS
REVISED 10/07

GENERAL NOTES FOR ALL DETAILS:

1. All existing AC or PCC pavement shall be sawcut prior to repaving.
2. Concrete pavement shall be replaced with concrete to a minimum thickness of 6" or to the thickness of removed pavement, whichever is greater.
3. Place AC mix minimum thkn. of 4" or the thkn. of the removed pavement, whichever is greater. Compact as specified.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS
STREET CUT

2015

SYSTEMS WEST ENGINEERS, INC.
1800 Weber Road Drive
Suite 310
Eugene, Oregon 97401
Phone (541) 342-7210
Fax (541) 342-3220

CITY OF VENETA STANDARD DRAWING
TYPICAL WATER SERVICE CONNECTION
V407
SCALE: NTS
DATE 5-18-00

MULTIPLE INSTALLATIONS

DIAMETER	MIN. SPACE BETWEEN PIPES
Up to 48"	24"
48" to 72"	One half (1/2) dia. of pipe

GENERAL NOTES FOR ALL DETAILS:

1. Surfacing of paved areas shall comply with street cut Std. Drg. RD302.
2. For pipe installation in embankment areas where the trench method will not be used and the pipe is $\geq 36"$ diameter, increase dimension "B" to nominal pipe diameter.
3. Pipes over 72" diameter are structures, and are not applicable to this drawing.
4. See Std. Drg. RD336 for tracer wire details (When required).

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS
TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS

2015

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: June 1, 2016 - November 30, 2016

GENERAL NOTES FOR ALL DETAILS:

1. All existing AC or PCC pavement shall be sawcut prior to repaving.
2. Concrete pavement shall be replaced with concrete to a minimum thickness of 6" or to the thickness of removed pavement, whichever is greater.
3. Place AC mix minimum thkn. of 4" or the thkn. of the removed pavement, whichever is greater. Compact as specified.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS
STREET CUT

2015

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Effective Date: June 1, 2016 - November 30, 2016

rd300.dgn 14-JUL-2014

RD300

TABLE A

"A" (in)	"B" (in)	"C" (in)	"D" (in)
4	10	4	8
6	10	4	8
8	10	6	10
10	10	6	10
12	12	6	10
15	12	6	10
18	16	6	12
21	16	6	12
24	18	6	12
30	18	6	12
36	24	6	14
42	24	6	14
48	24	6	14
54	24	6	14
60	24	6	14
66	24	6	14
72	24	6	14

For pipes over 72" diameter, see general note 3.

GENERAL NOTES FOR ALL DETAILS:

1. Surfacing of paved areas shall comply with street cut Std. Drg. RD302.
2. For pipe installation in embankment areas where the trench method will not be used and the pipe is $\geq 36"$ diameter, increase dimension "B" to nominal pipe diameter.
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NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS
TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS

2015

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Effective Date: June 1, 2016 - November 30, 2016

FITTING SIZE	(HORIZONTAL) BEARING AREA OF THRUST BLOCKS IN SQUARE FEET				(VERTICAL) VOLUME OF THRUST BLOCK IN CUBIC YARDS						
	TEE, WYE, DEAD END & HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN	45° BEND	22-1/2° BEND	11-1/4° BEND	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
4	1.0	1.6	1.4	1.9	1.4	1.0	---	---	---	---	---
6	2.1	3.7	3.0	4.3	3.0	1.6	1.0	---	1.3	---	---
8	3.8	6.5	5.3	7.6	5.4	2.9	1.5	1.0	2.3	1.1	---
10	5.9	10.2	8.4	11.8	8.4	4.6	2.4	1.2	3.7	1.8	---
12	8.5	14.7	12.0	17.0	12.0	6.6	3.4	1.7	5.5	2.8	1.2
14	11.5	---	16.3	23.0	16.3	8.9	4.6	2.3	7.6	3.9	1.7
16	15.0	26.1	21.3	30.0	21.3	11.6	6.0	3.0	9.9	5.1	2.3
18	19.0	---	27.0	38.0	27.0	14.6	7.6	3.8	---	---	---
20	23.5	40.8	33.3	47.0	33.3	18.1	9.4	4.7	---	---	---
24	34.0	58.8	48.0	68.0	48.0	26.2	13.6	6.8	---	---	---

NOTES:

1. ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 PSI AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION:
BEARING AREA = (TEST PRESSURE / 150) x (2000 / SOIL BEARING STRESS) x (TABLE VALUE)
2. ABOVE VOLUMES BASED ON TEST PRESSURE OF 150 PSI AND THE WEIGHT OF CONCRETE = 4050 POUNDS PER CUBIC YARD. TO COMPUTE FOR DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION:
VOLUME = (TEST PRESSURE / 150) x (TABLE VALUE)

RODS FOR VERTICAL BEDDING

FITTING SIZE	ROD SIZE	EMBEDMENT
12" AND LESS	#6	30"
14"-16"	#8	36"

NOTES:

1. CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. ALL CONCRETE TO BE CLASS 2400 MINIMUM.
3. INSTALL ISOLATION MATERIAL BETWEEN PIPE AND/OR FITTINGS BEFORE POURING CONCRETE BLOCKING.
4. CONCRETE SHALL BE KEPT CLEAR OF ALL JOINTS AND ACCESSORIES.
5. THE RODS SHALL BE DEFORMED, GALVANIZED, STEEL, 60,000 PSI TENSILE STRENGTH.

THRUST BLOCK WATER PIPE RESTRAINTS
SCALE: N.T.S.