

City of Oregon City
South End Road Waterline Replacement
CI 15-012

ADDENDUM NO. 1
Issued: June 5, 2017

To All Contract Document Holders:

You are hereby notified of the following changes, deletions, additions, corrections, and clarifications to the plans, specifications, and other documents comprising the contract documents for the City of Oregon City, South End Road Waterline Replacement Project (CI 15-012).

The following formatting has been used to note additions and deletions to the contract documents:

- Deletions are formatted as stricken-through (~~example~~) text.
- Changes/additions are formatted as bolded (**example**) text.

Clarifications

1. Will a copy of the sign-in sheet from the Pre-Bid Meeting be provided?

Yes, this is included in the attachments.

2. Please clarify if a plumbing permit will be required and if so, where this would apply?

In general, a City plumbing permit and a licensed plumber is required when work is being conducted on the back (customer) side of the water meter. This would apply any time the customer piping is modified in any way to connect to a meter, as would be the case should the meter be relocated. Locations where this would also apply are where double-check valve assemblies (DCVA) and/or pressure reducing valves (PRV) are proposed to be installed after the water meter. Sheet 10 of the Plans has been updated to show one location where a new DCVA is required on the back side of the meter.

3. Can test water be flushed into sanitary manholes?

The Contractor should coordinate disposal of flushing water to the sanitary sewer with Clackamas County Water Environment Services (WES), Tri-City Wastewater Treatment Plant. In general, it is presumed that this will be allowed with prior notification and coordination with WES.

4. Are the water connections between the test sections a paid bid item? No. Mainline connections between test sections are incidental and are not paid as a separate bid item. Bid quantities are modified in the revised Bid Proposal and Bid Schedule to reflect this clarification.

Bid Forms

SECTION II A - BID PROPOSAL AND BID SCHEDULE

- (a) The quantity for Bid Item No. 12 (Connection to Existing 8-inch Pipe) has been revised, and additional bid items have been added for Double Check Valve Assembly (No. 22) and Concrete Sidewalk Restoration for Water Service Installation (No. 23). A replacement for *Section II A Bid Proposal and Bid Schedule* form is included in the attachments section.

Special Provisions

1. SECTION 01170 – POTABLE WATER SERVICE CONNECTIONS, 2-INCH AND SMALLER

(a) Revise *Section 01170 – Potable Water Service Connections, 2-Inch and Smaller* to read as follows:

01170.40 (b) Installation – Add the Following:

Installation of services 1-inch diameter and smaller, crossing travel lanes shall be installed by directional drilling. Short runs or where directional driller is not possible due to conflicts, obstructions, rock, bad ground or too small of an area to set up a drilling machine, services may be installed by conventional excavation and backfill methods. Submit directional drillers experience and equipment for approval. Directional drillers must have at least 5 years of experience and minimum of 3 references.

Any modification ~~Each connection~~ to customer piping, **including any connection modifications** downstream of City meters, must be permitted by the City and performed by a plumber licensed by the City and the State of Oregon. **A plumbing permit is not required when no changes are made to customer piping downstream of City meters.**

(c) Restoration - Restore all curbs, sidewalks, and landscaped areas to preexisting or better condition. Disturbed sidewalk panels shall be replaced between score lines or joints. ***Sidewalk panel replacement shall be paid separately as noted under Section 01170.90.***

(d) Uninterrupted Service - Connections shall be completed as expediently as possible. Once work is started on a connection, proceed continuously without interruption until completed.

(e) Service Pipe Kills and Abandonment – Existing meter box is to be removed, surface restored and old meter returned to City. Service pipes to be abandoned may be left in place with the ends plugged.

The City will provide new water meter boxes for services 2-inch in diameter and smaller for the Contractor to install.

01170.90 Payment - Modify as follows:

Item (d) and (e) includes excavating, tapping the main, laying and jointing the pipe and fittings and appurtenances, backfilling, testing, flushing, disinfection of the service connection and all other related necessary to complete the service connection from the water mainline to the customer's back pipe. This work includes:

- Excavation and Backfill
- Installing copper service pipe in excavated trench or by directional drilling
- Surface Restoration
- installation of new meter and valve boxes
- Removal of old meter and valve boxes and restoration of sidewalk, shoulder, and landscaped areas.
- Installation of customer **double check valve assembly** ~~pressure-reducing valve~~ behind

the meter, if required.

- **Plumbing permit and licensed plumber to make the connection to the customer back pipe when customer pipe is modified.**

Add the following pay items.

- (d) ____-inch Water Service Installation and Connection, Short Run Each
(e) ____-inch Water Service Installation and Connection, Long Run Each
(f) Concrete Sidewalk Restoration for Water Service Installation Square Foot

Service installation where required to cross the traffic lanes street shall be long-run service installations.

Service installations required to be installed on the same side of the street as the main shall be short-run service installations.

No extra or additional payment will be made for service installations where directional drilling failed or was not possible and installation by cutting the pavement, excavation and backfilling was required.

Drawings

1. Sheet 10 (Drawing No. W08), Water Main Plan and Profile (STA 1+00B – 3+45B)

- (a) Replace Sheet 10 (Dwg No. W08) with the attached replacement sheet. The drawing has generally been revised as follows:
1. Revised Water Service #144 to add a 1-inch Double-Check Valve Assembly after the proposed water service, per Detail 1/W08.
 2. Added Detail 1 - Double Check Valve Assembly.
 3. Corrected station location callouts for water system fittings and services.

2. Sheet 11 (Drawing No. W09), Water Main Plan and Profile (STA 3+45B – 6+38B)

- (a) Replace Sheet 11 (Dwg No. W09) with the attached replacement sheet. The drawing has generally been revised as follows:
1. Added Water Service #153.
 2. Corrected station location callouts for water system fittings and services.

Attachments

1. Pre-Bid meeting Sign-in Sheet (5/31/2017)
2. Replacement *Section II A Bid Proposal and Bid Schedule* labeled for Addendum No. 1 (6/1/2017)
3. Replacement *Drawing No. W08 (Sheet 10)* labeled for Addendum No. 1 (6/1/2017)
4. Replacement *Drawing No. W09 (Sheet 11)* labeled for Addendum No. 1 (6/1/2017)

End revisions for Addendum No. 1

Addendum No. 1 is hereby made a part of the contract documents, and its terms and conditions are fully binding on the contract document holder. He/she shall acknowledge receipt of Addendum No. 1 by signing in the space provided below and attaching it to his/her proposal.

This Addendum No. 1 must be acknowledged by filling out "1", the date and signed initials on the Bid Forms, proposal page where it states: **Acknowledgement of Receipt of Addenda.**

CITY OF OREGON CITY



Dennis Kessler, RH2 Engineering
Issued June 5, 2017

SECTION II A
BID PROPOSAL AND BID SCHEDULE

To: City of Oregon City
625 Center Street
Oregon City, Oregon 97045

From: _____
Bidder (Company Name)

Address

City, State & Zip

Telephone

The undersigned bidder declares that s/he has carefully examined the Instructions to Bidders, Contract Bid Submittal requirements, Contract Agreement, Performance and Payment Bond requirements, General Requirements, Scope of Work, and Other Technical Specifications for the construction of **South End Road Waterline Replacement Project**; that s/he has made an examination of the site of the proposed work and has made such investigations as are necessary to determine the conditions to be encountered, and that if this proposal is accepted, s/he will contract with the City of Oregon City, Oregon, in the form similar to that attached; will provide the necessary machinery, tools, apparatus, and other means of construction and will furnish all material and labor as specified in the Contract Agreement and all other contract documents, or necessary to complete the work in the manner herein specified, and according to the requirements of the Engineer.

By signing and returning a bid, bidder acknowledges that it has read and understands the terms and conditions contained in the Invitation to Bid and that it accepts and agrees to be bound by the terms and conditions of the Invitation to Bid.

The undersigned agrees that upon written acceptance of this bid s/he will, within ten working days, of receipt of such notice, execute a formal contract agreement with the City. The undersigned further agrees that s/he will provide the following in order to execute the contract:

1. Performance Bond and Corporate Surety Payment Bond, both in the amount equal to 100% of the awarded contract;
2. Certificates of Insurance for Liability and property damage coverage;
3. Certificates of Coverage for Workman Compensation and unemployment insurance;
4. All other bonds, permits, licenses, etc. as required in the contract documents.

The undersigned hereby represents as follows:

1. That no Commissioner, officer, agency, or employee of the City of Oregon City is personally interested directly or indirectly in this Contract or the compensation to be paid hereunder and that no representation, statement, or statements, oral or in writing, of the City, its Commissioners, officers, agents or employees had induced him/her to enter into this Contract, and the papers made a part of its terms;
2. That this bid is made without connection with any person, firm or corporation making a bid for the same material and is, in all respects, fair and without collusion or fraud; and

Addendum No. 1

3. That the provisions required by ORS 279C.840 relating to prevailing wage rates shall be included in this contract.

The undersigned agrees that, if awarded the contract, s/he will commence work upon receipt of written Notice to Proceed, and that s/he will complete the work within 100 calendar days from the Beginning of Contract time as stated in subsection 00180.50 (c).

Bidder will complete the work in accordance with the Contract Documents and agrees to accept as full payment for the work proposed under this project, as herein specified and under the provisions included in the Bid, to be expressed in numeric figures only indicated below.

South End Road Waterline Replacement Project

CI 15-012

Bid Schedule

<u>No.</u>	<u>Section</u>	<u>Description</u>	<u>Qty.</u>	<u>Unit</u>	<u>Unit Price (FIGURES)</u>	<u>Amount (FIGURES)</u>
1	00210	Mobilization	1	LS		
2	00225	Work Zone Traffic Control, Complete	1	LS		
3	00280	Erosion and Sediment Control	1	LS		
4	00305	Construction Survey Work	1	LS		
5	00330	Rock Excavation	25	CY		
6	00495	Temporary Trench Resurfacing, 2-Inches Thick	1,700	SY		
7	00495	Permanent Trench Resurfacing, 8-Inches Thick	3,560	SY		
8	01140	10-Inch RJ Water Pipe, Fittings and Couplings with Class B Backfill	9	LF		
9	01140	8-Inch RJ Water Pipe, Fittings and Couplings with Class B Backfill	3,700	LF		
10	01140	Extra Trench Excavation with Class B Backfill	50	CY		
11	01140	Connection to Existing 6-Inch Pipe	4	EA		
12	01140	Connection to Existing 8-Inch Pipe	7	EA		
13	01140	Connection to Existing 10-Inch Pipe	1	EA		
14	01140	6-Inch Gate Valve w/ Joint Restraint	1	EA		
15	01140	8-Inch Gate Valve w/ Joint Restraint	27	EA		
16	01160	Hydrant Assemblies, with 6-Inch Gate Valve	6	EA		

Addendum No. 1

<u>No.</u>	<u>Section</u>	<u>Description</u>	<u>Qty.</u>	<u>Unit</u>	<u>Unit Price (FIGURES)</u>	<u>Amount (FIGURES)</u>
17	01170	1-Inch Water Service Replacement and Connection, Short Run	24	EA		
18	01170	1-Inch Water Service Replacement and Connection, Long Run	29	EA		
19	01150	Air/Vacuum Valve Assembly	3	EA		
20	00490	Abandon Existing Pipe	3,700	LF		
21	00759	ADA Sidewalk Ramp	1	LS		
22	01150	1" Backflow Prevention Assembly, Double Check Valve Assembly	1	EA		
23	01170	Concrete Sidewalk Restoration for Water Service Installation	850	SF		
					BID TOTAL:	\$

Accompanying this Proposal is a bid bond, for the sum of _____, payable to the City of Oregon City, Oregon, this being an amount for ten percent (10%) of the total bid based upon the estimate of quantities at the above price according to the conditions of the advertisement. If this Proposal is accepted by the City of Oregon City and the undersigned fails to execute a satisfactory contract and bond as stated in the Advertisement within ten (10) calendar days from the date of notification, then the City may, at its option, determine that the undersigned has abandoned the contract and there upon this Proposal shall be considered null and void, and the bid security accompanying this Proposal shall be forfeited to and become the property of the City of Oregon City. If the bid is not accepted, the bid security accompanying this Proposal shall be returned to the undersigned.

Dated this _____ day of _____, 2017.

Name of Bidder: _____

Address of Bidder: _____

Facsimile Number: _____

Telephone Number: _____

Bidder E-Mail Address: _____

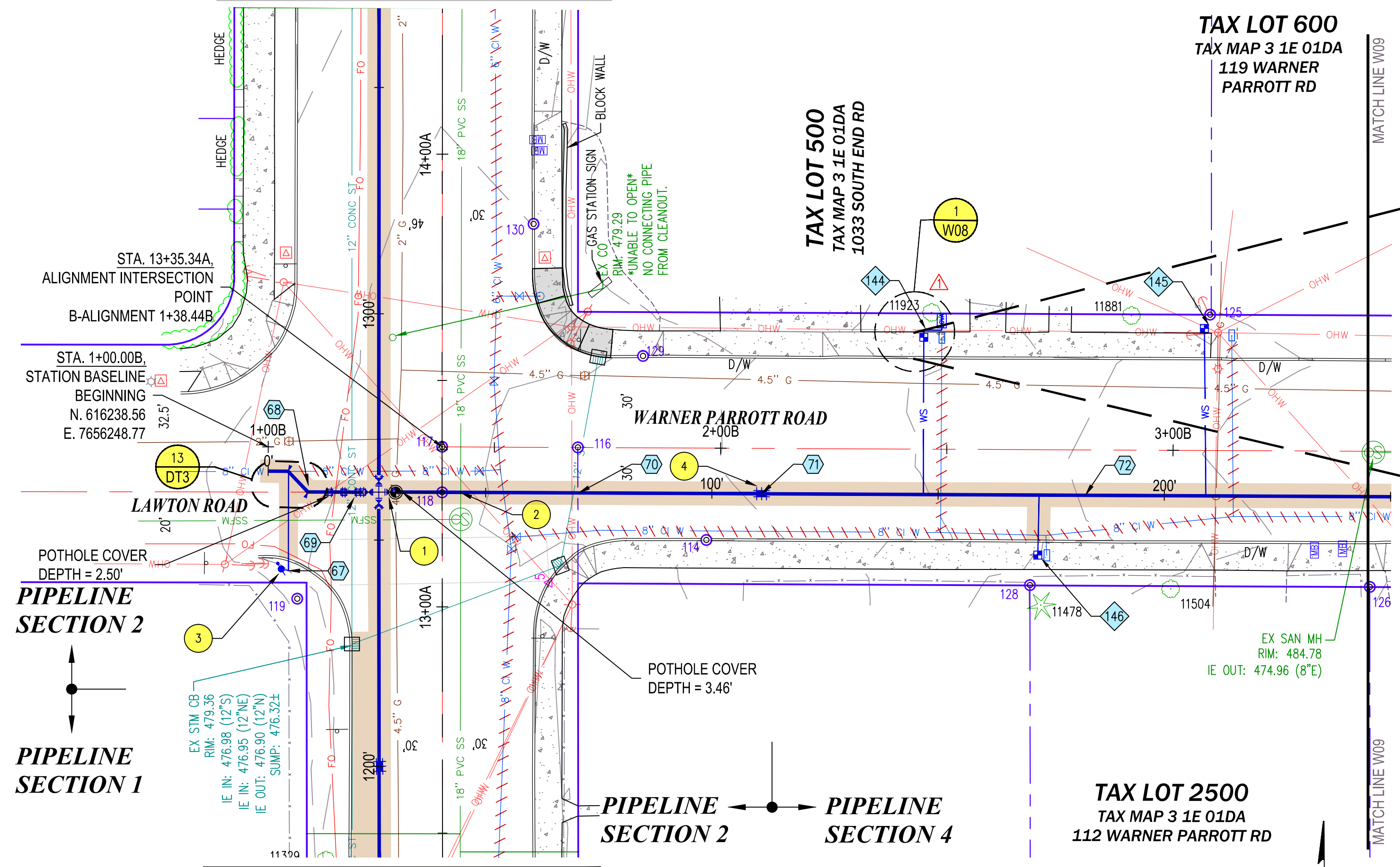
Signature of Authorized Agent: _____

Title of Authorized Agent: _____

Bidder's Taxpayer I.D. Number: _____

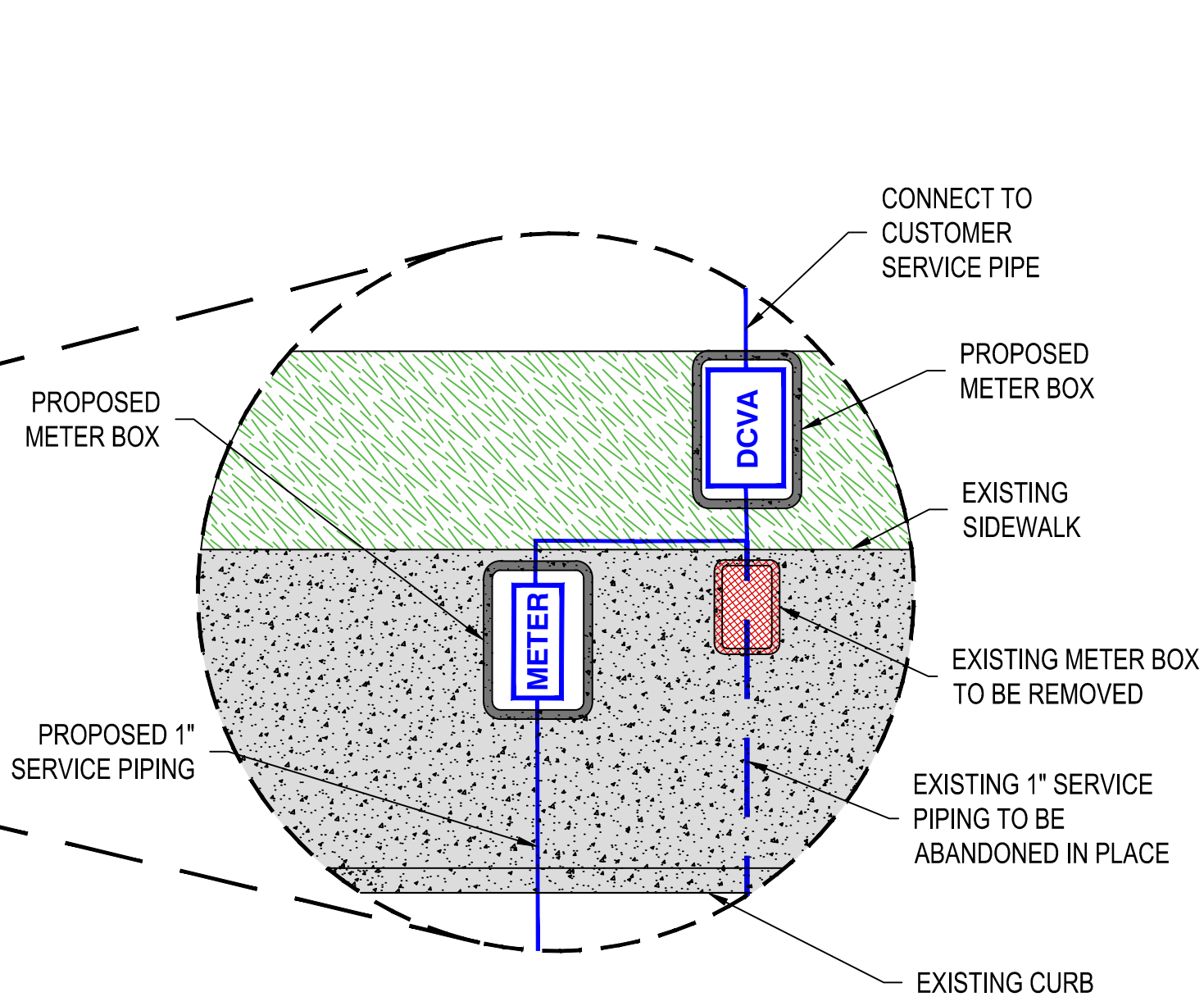
CCB Number: _____ Expiration Date: _____

NOTE: SEE SHEET W04 FOR SOUTH END ROAD PLAN AND PROFILE



NOTE: SEE SHEET W03 FOR SOUTH END ROAD PLAN AND PROFILE

WATER MAIN PLAN
1" = 20'



- NOTE:
- DCVA MUST BE APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH AT THE UNIVERSITY OF SOUTHERN CALIFORNIA.
 - SERVICE MUST BE INSTALLED AND CONNECTED PER PLUMBING CODE.

DOUBLE CHECK VALVE ASSEMBLY
NTS

PIPE & FITTING NOTES

- 67 APPROX. STA 1+04.5B, 27.3R, PROVIDE:
(1) - 1" AIR RELEASE & VACUUM VALVE ASSEMBLY
- 68 APPROX. STA 1+08.8B, 9.9R, PROVIDE:
(1) - CONNECTION TO EXISTING 8" CI WATER MAIN, SEE CONNECTION DETAIL WHICH INCLUDES APPROX. 27 LF OF 8" RJ DI PIPE AND FITTINGS
- 69 APPROX. STA 1+20.8B, 10.0R, PROVIDE:
(1) - 8" DI SPOOL (PEPE), FOSTER ADAPTER
(2) - 8" DI 45° VERTICAL BEND
(3) - 8" DI SPOOL (PEPE)
- 70 PROVIDE APPROX 85 LF OF 8" RJ DI PIPE
- 71 APPROX. STA 2+09.1B, 10.0R, PROVIDE:
(1) - CONNECTION BETWEEN TEST SECTIONS
- 72 PROVIDE APPROX 338 LF OF 8" RJ DI PIPE

WATER SERVICE NOTES

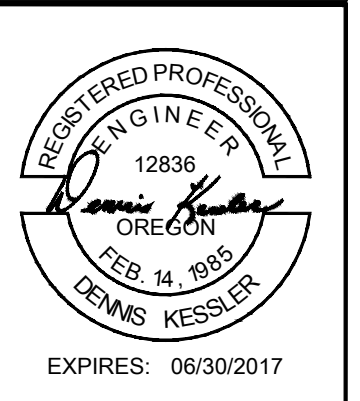
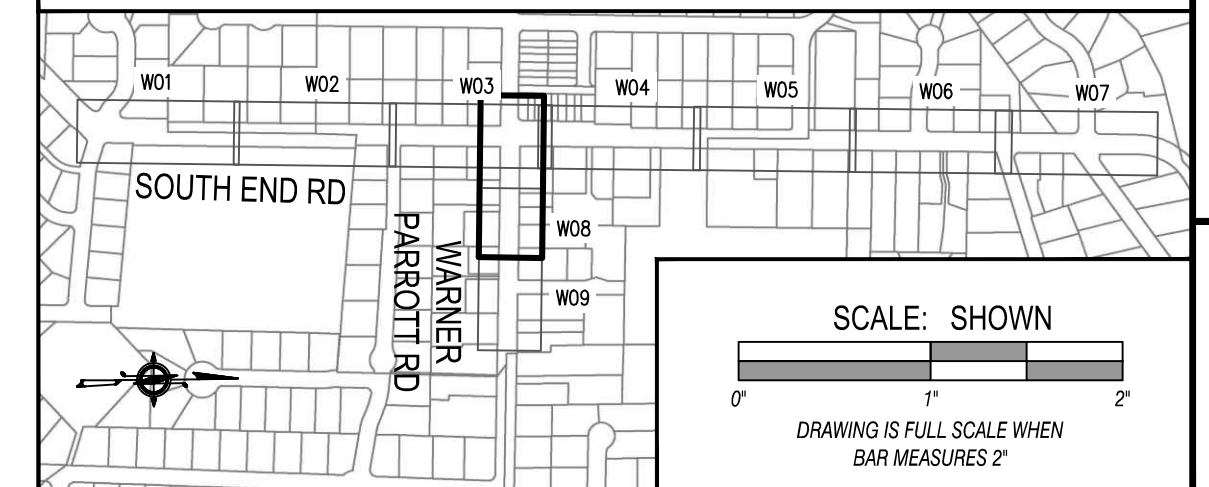
- 144 APPROX. STA 2+44.8B, 24.7L, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
w/ 1" DOUBLE CHECK VALVE ASSEMBLY
- 145 APPROX. STA 3+06.8B, 27.0L, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
- 146 APPROX. STA 2+70.2B, 23.3R, PROVIDE:
(1) - 1" WATER SERVICE, COPPER

SEE ORC STANDARD DETAIL NO. 402, **A** AND **B** FOR DETAILS

CONSTRUCTION NOTES

- 1 SEE SHEET W03 FOR ADDITIONAL INFORMATION ON PIPE AND FITTINGS
- 2 SANITARY SEWER CROSSING COMPLY WITH OAR 333-061-0050.
- 3 FIELD LOCATE TO HIGH POINT OF PROPOSED WATER MAIN
- 4 INSTALL TEMPORARY TEST ASSEMBLIES AND TEST MAIN. CONNECT AFTER HYDROSTATIC TEST IS COMPLETE AND ACCEPTED.

KEY PLAN



OREGON CITY
PROJECT NUMBER: CI 15-012
PROJECT MANAGER: JOHN BURRELL

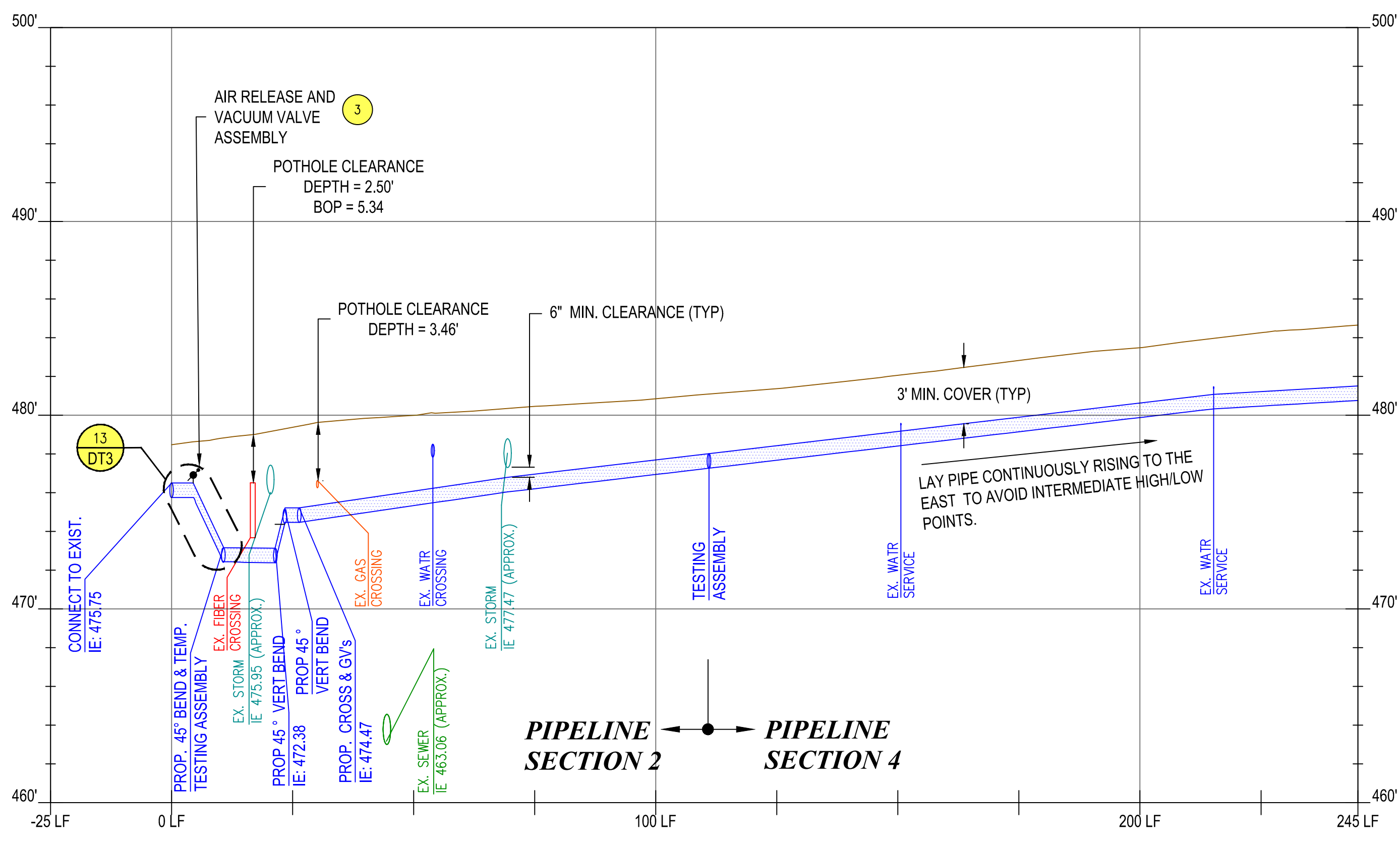
PREPARED BY: DK
SCALE: SHOWN
DATE: Jun 5, 2017
DRAWN BY: AEH

FOR THE CLIENT:
RH2 ENGINEERING INC.
6500 SW MACADAM AVE.
SUITE 125
PORTLAND, OREGON 97239

WATER MAIN PLAN & PROFILE
STA 1+00B - 3+45B
SOUTH END ROAD WATERLINE REPLACEMENT
OREGON CITY, OREGON
CITY FILE NO. CI 15-012

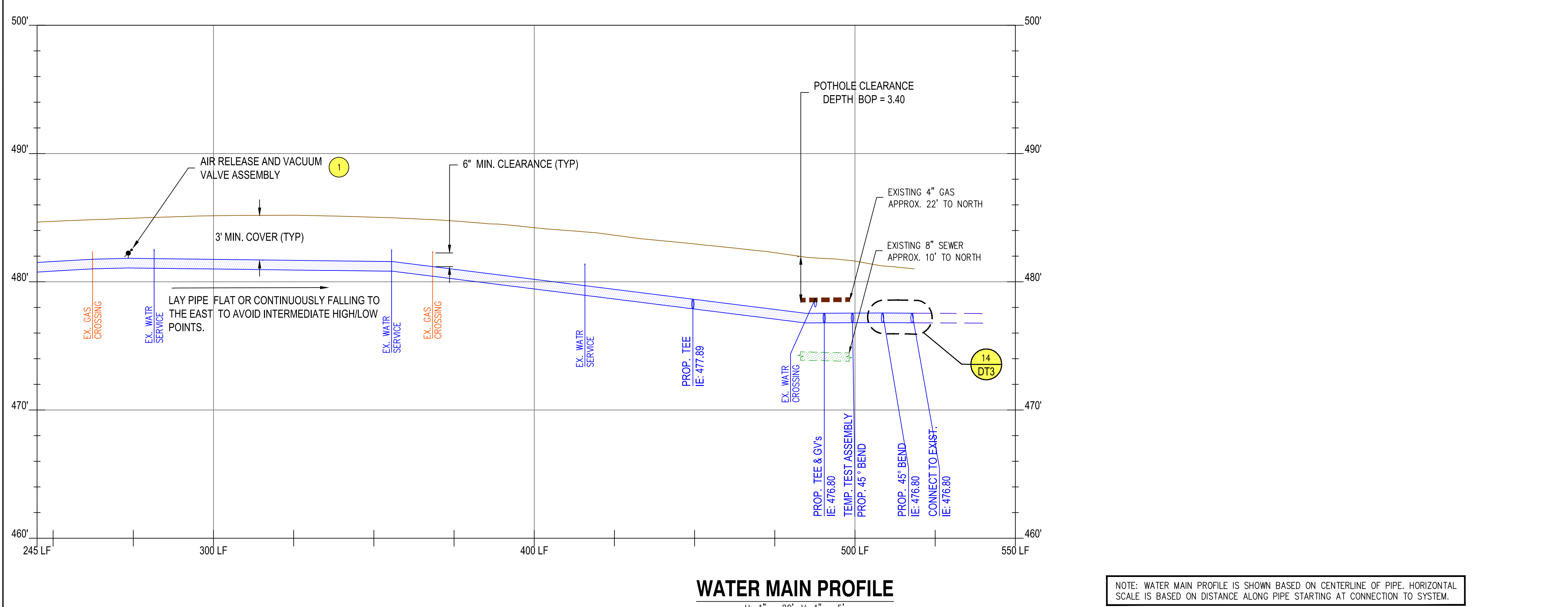
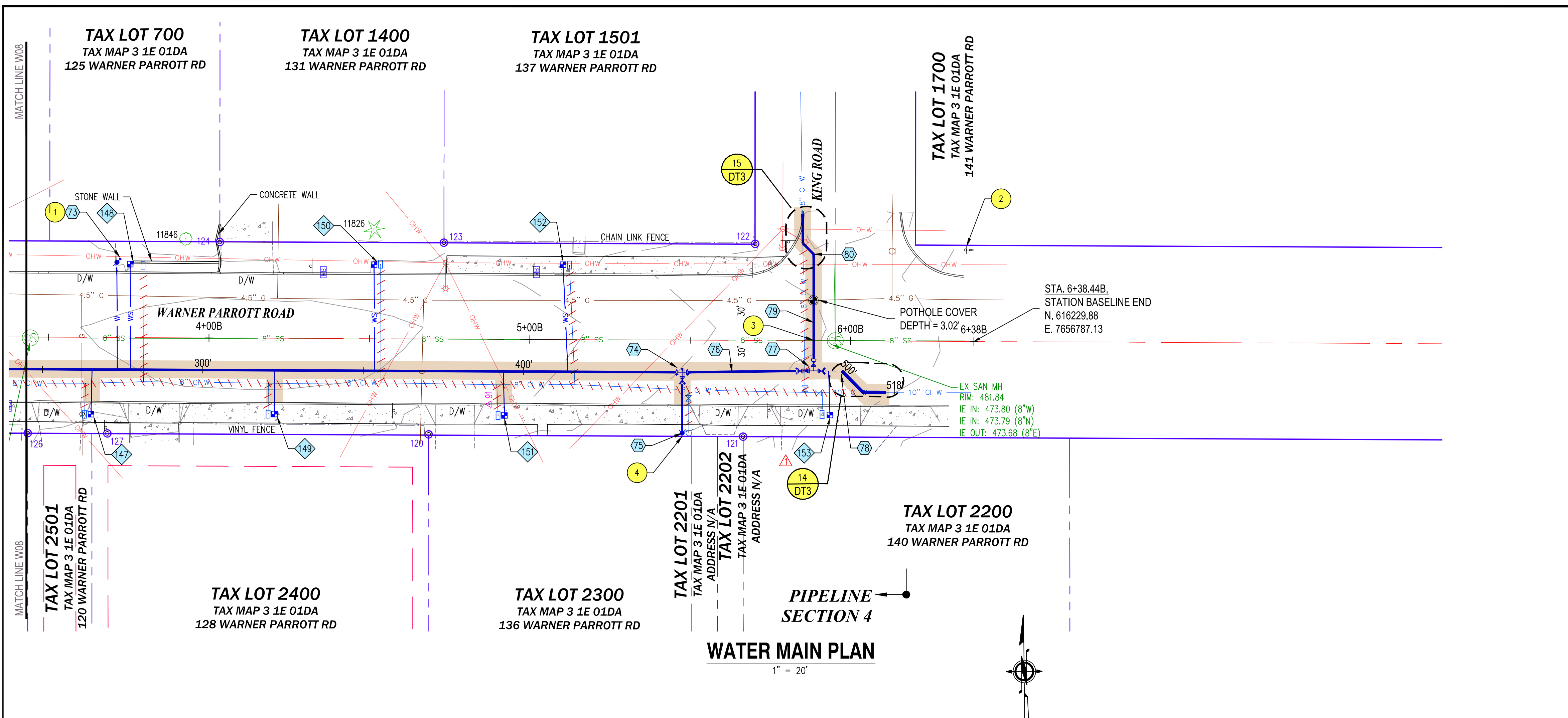
NO.	DATE	REVISION
1	06/17	REVISED PER ADDENDUM NO. 1

DRAWING NUMBER:
W08
SHEET 10 OF 16



WATER MAIN PROFILE
H: 1" = 20', V: 1" = 5'

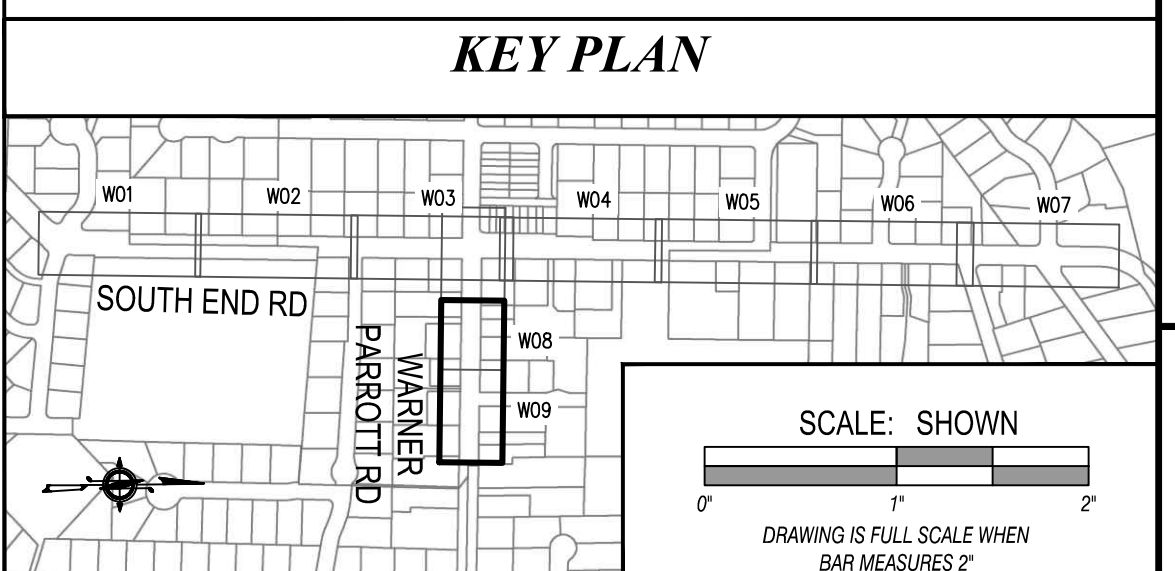
NOTE: WATER MAIN PROFILE IS SHOWN BASED ON CENTERLINE OF PIPE. HORIZONTAL SCALE IS BASED ON DISTANCE ALONG PIPE STARTING AT CONNECTION TO SYSTEM.



- ### PIPE & FITTING NOTES
- 73 APPROX. STA 3+71.2B, 21.8L, PROVIDE:
(1) - 1" AIR RELEASE & VACUUM VALVE ASSEMBLY
 - 74 APPROX. STA 5+47.6B, 10.0R, PROVIDE:
(1) - 8" x 6" TEE (RxFL) WITH CONCRETE BLOCKING
 - 75 APPROX. STA 5+47.7B, 29.0R, PROVIDE:
(1) - FIRE HYDRANT ASSEMBLY, WITH VALVE
 - 76 PROVIDE APPROX 41 LF OF 8" RJ DI PIPE
 - 77 APPROX. STA 5+88.5B, 9.4R, PROVIDE:
(1) - 8" x 10" DI TEE (FLxFL) WITH CONCRETE BLOCKING
(1) - 10" GATE VALVE (FLxRJ)
(2) - 8" GATE VALVE (FLxRJ)
(1) - 8" x 10" DI REDUCER (FLxFL)
(1) - 8" DI SPOOL (PExPE), FOSTER ADAPTER
 - 78 APPROX. STA 5+97.3B, 9.4R, PROVIDE:
(1) - CONNECTION TO EXISTING 10" CI WATER MAIN, SEE CONNECTION DETAIL WHICH INCLUDES APPROX. 25 LF OF 10" RJ DI PIPE AND FITTINGS
 - 79 PROVIDE APPROX 36 LF OF 8" RJ DI PIPE
 - 80 APPROX. STA 5+88.4B, 27.0L, PROVIDE:
(1) - CONNECTION TO EXISTING WATER 8" CI WATER MAIN, SEE CONNECTION DETAIL WHICH INCLUDES APPROX. 15 LF OF 8" RJ DI PIPE AND FITTINGS

- ### WATER SERVICE NOTES
- 147 APPROX. STA 3+63.3B, 24.0R, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
 - 148 APPROX. STA 3+75.4B, 22.9L, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
 - 149 APPROX. STA 4+20.5B, 23.7R, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
 - 150 APPROX. STA 4+51.4B, 23.1L, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
 - 151 APPROX. STA 4+92.2B, 23.8R, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
 - 152 APPROX. STA 5+10.3B, 23.4L, PROVIDE:
(1) - 1" WATER SERVICE, COPPER
 - 153 APPROX. STA 5+93.7B, 23.2R, PROVIDE: ▲
(1) - 1" WATER SERVICE, COPPER
- SEE ORC STANDARD DETAIL NO. 402, A DT5 AND B DT5 FOR DETAILS

- ### CONSTRUCTION NOTES
- 1 FIELD LOCATE TO HIGH POINT OF PROPOSED WATER MAIN
 - 2 PROJECT NOTIFICATION SIGN, FIELD LOCATE
 - 3 SANITARY SEWER CROSSING COMPLY WITH OAR 333-061-0050.
 - 4 LOCATION OF FIRE HYDRANT TO BE CONFIRMED BY CITY IN FIELD.



REGISTERED PROFESSIONAL ENGINEER
12836
DENNIS KESSLER
EXPIRES: 06/30/2017
SIGNED: 05/10/17

PROJECT NUMBER: CI 15-012
PROJECT MANAGER: JOHN BURRELL

DATE: Jun 1, 2017
SCALE: DK
SHOWN: AEH

REVISIONS

NO.	DATE	DESCRIPTION
1	06/17	REVISED PER ADDENDUM NO. 1

DRAWING NUMBER: **W09**
SHEET 11 OF 16