

## Hurricane City Water Board Meeting Minutes March 31, 2026

**Present:** Kory Wright, Angie Tripp, Mac Hall, Mike Vercimak, Dayton Hall, Bevin Johnson, Leah Thompson, John Slack, and Amy Werrett councilwoman

Guest: Bruce Zimmerman

### **Item #1 Call to order, prayer**

Mac Hall called the meeting to order 7 pm. John Slack gave the prayer.

### **Item #2 Approval of minutes from February 24, 2026**

Mac Hall asked for a motion to approve the minutes from February 24, 2026. Bevin Johnson motion to approve the minutes. Amy Werrett second the motion. Motion passed.

### **Item #3 Report on Irrigation Expansion and Pond projects (Dixie Springs/Goulds Wash Well, Sky Ranch Tank and Well)**

Kory Wright discussed and showed a picture of what our 2 MG Sky Ranch tank looks like and the progress. Presented pictures of the north irrigation pond and Sky Ranch well located south of town. A brief discussion on the progress that's been made. Kory explained with the Sky Ranch well the drillers are in a hard lava cavity going about 4 feet a day. The Goulds Wash well they hit 300 feet they have another 500 feet left to go. Progress is going slowly but moving along. The walls around the booster station has been formed up. The piping project Interstate Rock hopes to have the first phase done within the next month or two. The city has got word that the money for second phase isn't available yet but has been approved. The Dixie Springs well pad left to pour for future generators that will run it if power goes down. The power is all hooked up and running should be ready to close real soon.

### **Item #4 Change standards for Municipex piping, hydrants, and stainless-steel fittings (recommendation to city council)**

Kory Wright gave a discussion on some items that need to be changed in our standards. Attached is the documentation that was discussed. The fire hydrants being at standard height 4 to 6 inches from the finished concrete. That way if they are hit, they are set at break off area. The meter setter only thing changed was adding a part number. The other section was about the pipe being used from services to main and setter connection. Having all parts to be stainless steel where possible. Kory explained that copper just went up in price, so the water department wants to go with municipex pipe which has been around for 30 years. This is to add another option of service for tubing. Kory explained that we can put a lot more pipe in with the municipex rather than the copper for the price. There is 25-year warranty. By doing this it's giving contractors the option on copper or municipex. All changes have been highlighted in yellow on the attachment.

John Slack asked for the old part of Hurricane would you do copper or municipex. Kory said that he would use the municipex because he feels comfortable about the quality and how well it's been in other areas. The water department is going to use municipex once our pile of copper is gone. We are using copper now for rebuilding the backside of meters. The municipex has been used on some of other cities high pressure areas which has been in for 2 years and holding up very well. The water department has a demonstration at 10 am April 1<sup>st</sup>, 2026, on municipex piping. Kory Wright said anyone that wants to attend is more than welcome.

Dayton Hall would like to get an official copy of the warranty to add to the city council packet this Thursday meeting.

Bevin Johnson asked if this can be used for the main lines. Kory Wright explained that this is just used for service lines not main lines since it's only available 2 inches.

Mac Hall asked if there was a motion to recommend to **Change standards for Municipex piping, hydrants, and stainless-steel fittings** to city council. Mike Vercimak motion to recommend to change standards for municipex piping, hydrants, and stainless-steel fittings to city council. John Slack second the motion. Motion passed.

**Item #5          Sand Hollow aquifer study**

Leah Thompson said she hadn't heard anything so nothing to report at this time.

**Item #6          Working on 2026-2027 budget**

Kory Wright presented the Power Point presentation attached that was shown to city council at our budget meeting last night. There was a discussion on the projects and equipment the water department is asking for in next year's budget. Kory Wright also discussed the current projects the water department has currently going on in the city.

Kory Wright also discussed a new position we would like to add which would be Facility Management. This position would oversee inventory and keeping things stocked and processing work orders. We are also wanting to purchase a tracking program called IWORQ that can be used with multiple departments.

Bevin Johnson asked if we had any more information on the water rate study. Kory Wright explained not at this time Mayor Fawcett is still working on this.

**Item #7          New Business**

No new business to report.

**Item #8          Adjourn**

Mac Hall adjourned the meeting at 8:15 pm

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Hurricane City Water Department is asking approval to its standards and details.

1. Standard Fire Hydrant Details
  - a. Finish Grade To Match Manufacturer's Recommended "Bury" Line.
2. Water Meter And Services
  - a. Services To Be Installed Straight With No Fittings Between Main And Setter Connection.
  - b. All Parts To Be Stainless Steel Where Possible.
  - c. To Add Municipex As Another Option Of Service Tubing.

Recommendation for Municipex:

Virgin Valley Water District

Henderson City Water Utility Company

Granger-Hunter Improvement District

25 Year Warranty

Over 30 Years No Claim's

**3.6.7 FIRE FLOW REQUIREMENTS.** Under maximum day demand conditions, fire flow shall be at least seven hundred fifty (750) gallons per minute at any one hydrant with a total fire flow of at least one thousand five hundred (1,500) gpm at any combination of two hydrants in the area, and/or must meet the requirements of the Federal Insurance Service Office. The total system design shall be such that fire flows and normal peak instantaneous flow demand (as called out within this sub-section) can be met while still maintaining a minimum pressure of twenty (20) psi at all points in the distribution system.

A maximum water velocity of ten (10) feet per second shall be utilized when designing for fire flows and/or other emergency conditions.

High density residential, commercial or industrial areas shall require special investigation to determine fire flow requirements and hydrant spacing per the Uniform Fire Code (UFC).

Existing and future static pressure and flow information used in the design shall be approved by the Water Department.

**3.6.8 MISCELLANEOUS WATER SYSTEM DESIGN CRITERIA.**

**3.6.8.1** All public water mains shall be installed in public rights-of-way, dedicated roadway, or designated drainage way, with adequate access for maintenance vehicles. Pipelines will not be installed on back lot or side lot lines due to potential flood and other damage.

**3.6.8.2** Dead-end mains shall be avoided wherever possible and if installed, shall not exceed six hundred feet. Hydrants shall be located at the end of dead-end mains and cul-de-sac mains for flushing purposes as well as for fire protection. Blow-off valves rather than fire hydrants are not desirable except where warranted by special circumstances as determined by the City. Blow-off valves shall be installed per the standard drawings.

**3.6.8.3** Each building or lot shall be served by a separate line and meter except in PDO's or (PD's) as approved by the Owners Representative. All lots shall have a minimum of three quarter (3/4) inch service line from the main to the meter box. There also shall be a three (3) foot extension of service tubing or Type K Copper or MUNICIPEX.

**3.6.8.4** All service line taps shall be machine tapped at the time of the water main installation. Service lines shall be installed prior to testing and acceptance of the water main.

**3.6.8.5** Meter needs to be turned off & severed at the main by property owner when removing.

**4.4.1.4 WATER PIPE AND FITTINGS.** The materials used for pipe and fittings shall all be new and conform to the requirements for class, brand, size and material as specified.

A copy of the manufacturer's installation recommendation for each type of pipe shall be provided for each construction job and shall be available on the jobsite at all times. These recommendations shall be followed during construction unless instructed otherwise by the City's Representative. All pipe materials are as outlined below.

**A. GENERAL PIPE REQUIREMENTS.** Pipe materials shall conform to the following requirements.

SIZE	TYPE
3/4" to 2"	Copper Type K <u>or MUNICIPEX</u>
4" to 8"	PVC C-900, Class 150 (sand bedded) see note #1 below
Over 8"	Ductile Iron Class 50

Note: 10" and over will be Ductile Iron Class 50 where approved. Variances to this must be approved in writing by Hurricane City Water Department.

All pipe shall conform to the current AWWA standards for each class of pipe listed above.

**B. CONNECTING WATER METERS.** Only authorized employees of the Water Department shall be allowed to connect or disconnect water meters.

**C. DUCTILE IRON PIPE.** All ductile iron pipe shall be Class 50 or better, conforming to the latest edition of AWWA Specifications C-151 (ANSI A21.51). Water mains extending across private property shall be ductile iron pipe to the meter, regardless of size.

**C.1 JOINTS.** Ductile Iron Pipe shall be Mechanical Joints, Rubber Gasket Slip-on Joints, Flanged Joints, or a combination of the above as specified on the plans. Pipe shall also conform to all current AWWA standards.

**C.2 POLYETHYLENE WRAPPING.** A polyethylene wrap shall be required on all ductile iron pipe. The polyethylene wrap tubing shall be cut to provide for a minimum of one foot of lap over both the adjoining pipes. The ends of the tubing shall be wrapped using three circumferential turns of plastic adhesive tape. The loose wrap on the barrel shall be pulled

**J. VALVES AND BOXES.** All valves, eight (8) inches and smaller, shall be resilient-seat-gate-valves, and all valves ten (10) inches and above shall be butterfly valves.

**J.1 GATE AND BUTTERFLY VALVES.** Valves shall conform to the latest revision of AWWA valve standards.

All valves, twelve (12) inches and less, installed next to a fitting must be flange x mechanical joint (MJ) and installed with the flange end connecting to the tee, cross, or fitting and megaluged to the line unless otherwise approved by the Water Dept. Valves greater than twelve inches shall have flange x flange with an MJ adaptor in order to flange to tee, cross, or fitting and shall be megaluged to line. Or approved by owner's representative.

All valve will have sufficient support so to not allow sitting.

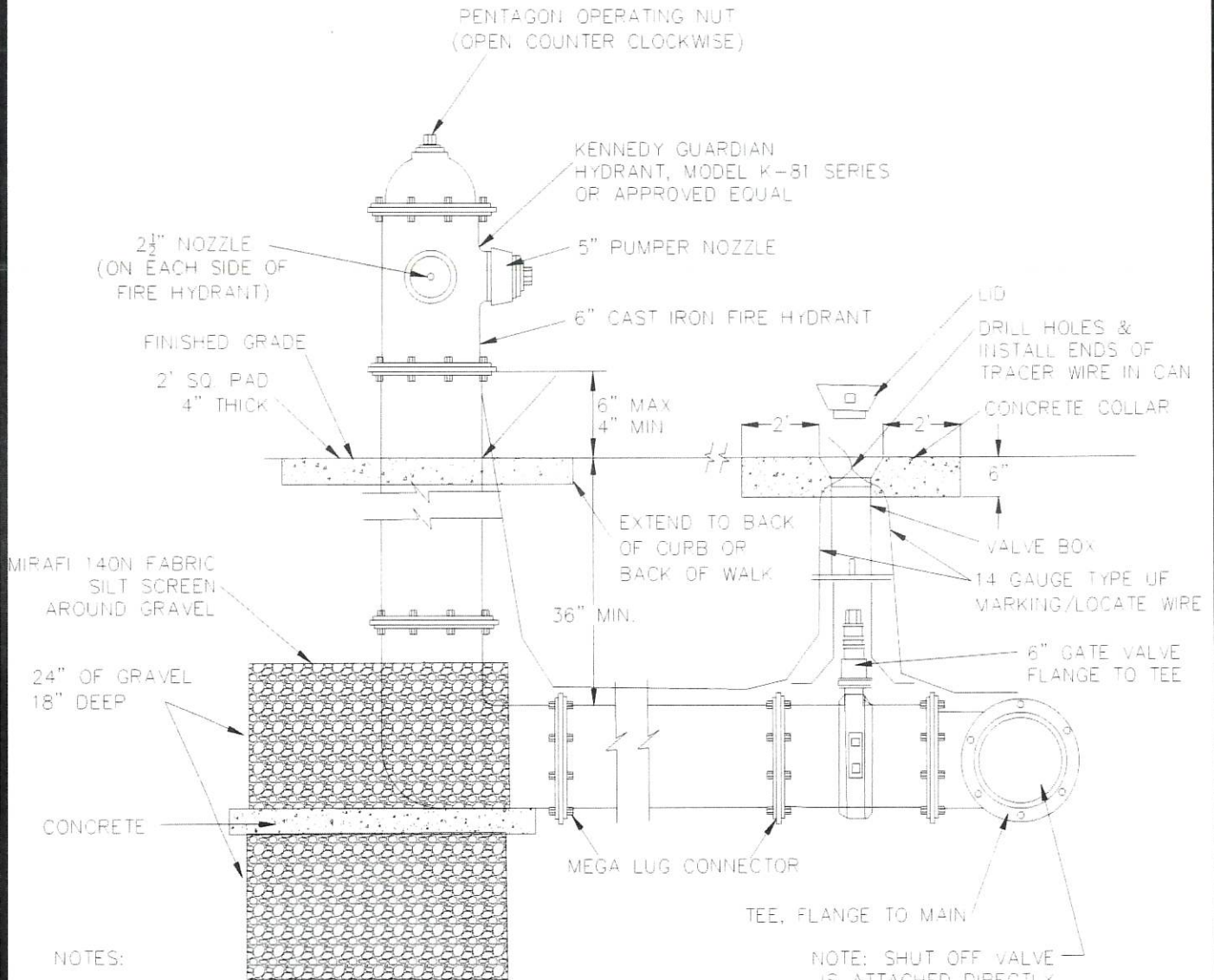
**J.2 VALVE BOXES.** All valves shall be provided with a cast iron valve box of the extension sleeve type or a screw type adjustable, and the height shall be adjusted to bring the top of the valve box flush with the finished surface. Extension sleeve shall be drilled or slotted and the marking wire shall be threaded through. The valve box shall not be less than five inches in diameter and shall have a minimum wall thickness of .375 inch. The box shall be provided with a suitable base and cover. The word "WATER" shall be cast on the cover.

To ensure that the box is not displaced during backfill operations, the backfill shall be hand mechanically tamped for a distance of five feet each way along the trench. All valve boxes shall include a concrete collar in accordance with the standard drawings with flow indication arrows.

**K. WATER SERVICE LATERALS.** The material used for water service connections shall comply with the following requirements.

**K.1 SERVICE PIPE.** Service pipe shall be Copper Type K or MUNICIPEX.

**K.2 CORPORATION STOPS.** Corporation stops shall be similar to those manufactured by the Mueller Company, or Ford or approval equal, and shall conform to the several designations shown below for the various sizes.



NOTES:

1. IN GENERAL, HYDRANTS SHALL BE PLACED A MINIMUM OF 6" AND A MAXIMUM OF 12" BEHIND SIDEWALK. WHERE A PLANTER STRIP IS USED, HYDRANT MAY BE PLACED IN CENTER PROVIDED WIDTH OF PLANTER IS 4' OR GREATER
2. **FINISH GRADE TO MATCH MANUFACTURER'S RECOMMENDED "BURY" LINE.**

**STANDARD FIRE HYDRANT**

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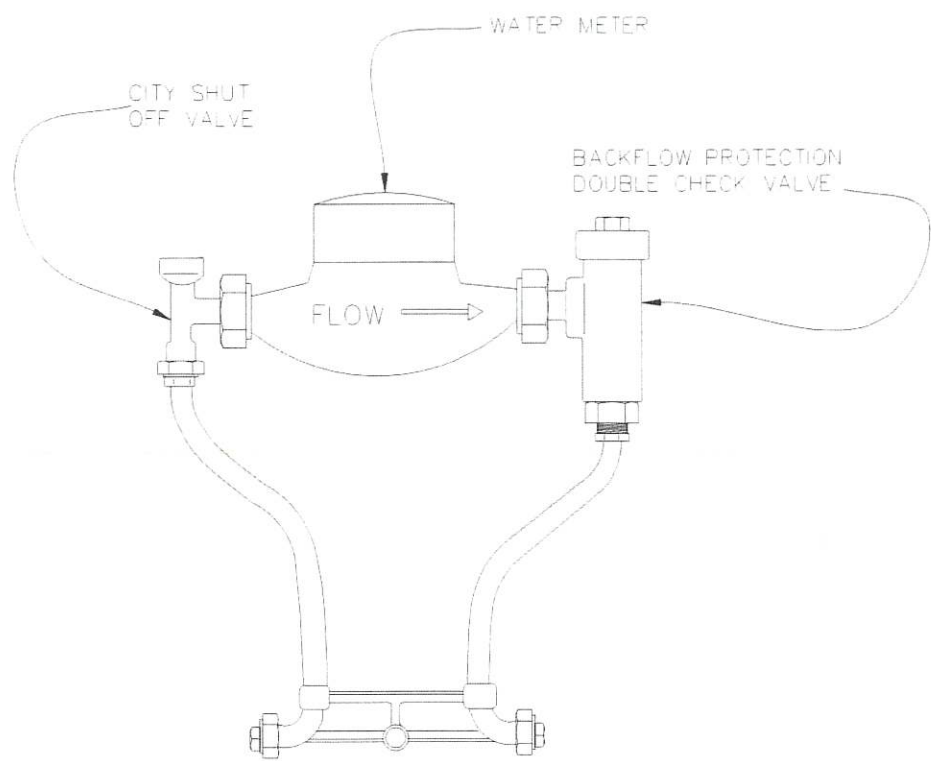


CITY OF HURRICANE

REVISIONS		
DATE	DESCRIPTION	BY

**STANDARD FIRE HYDRANT  
DETAILS**

STANDARD DWG. NO.	
302	1 OF 1
APPROVED:	
DATE: 8/5/2020 BY:	



APPROVED METER SETTERS	
SIZE	FORD MODEL NUMBER
3/4"	VBHC72-15W-11-33-NL
1"	<del>VBHC74-15W-11-44-NL</del>
1 1/2"	VBHH76-15B-44-66-NL
2"	VBHH77-15B-44-77-NL

*Updated part #*

**WATER METER SETTER**

N.T.S.



CITY OF HURRICANE

**WATER METER SETTER DETAILS**

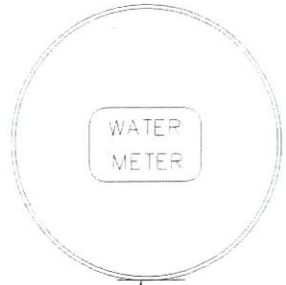
STANDARD DWG. NO.

303 1 OF 4

APPROVED:

DATE: 8/5/2020 BY: N.E.I.

REVISIONS		
DATE	DESCRIPTION	BY

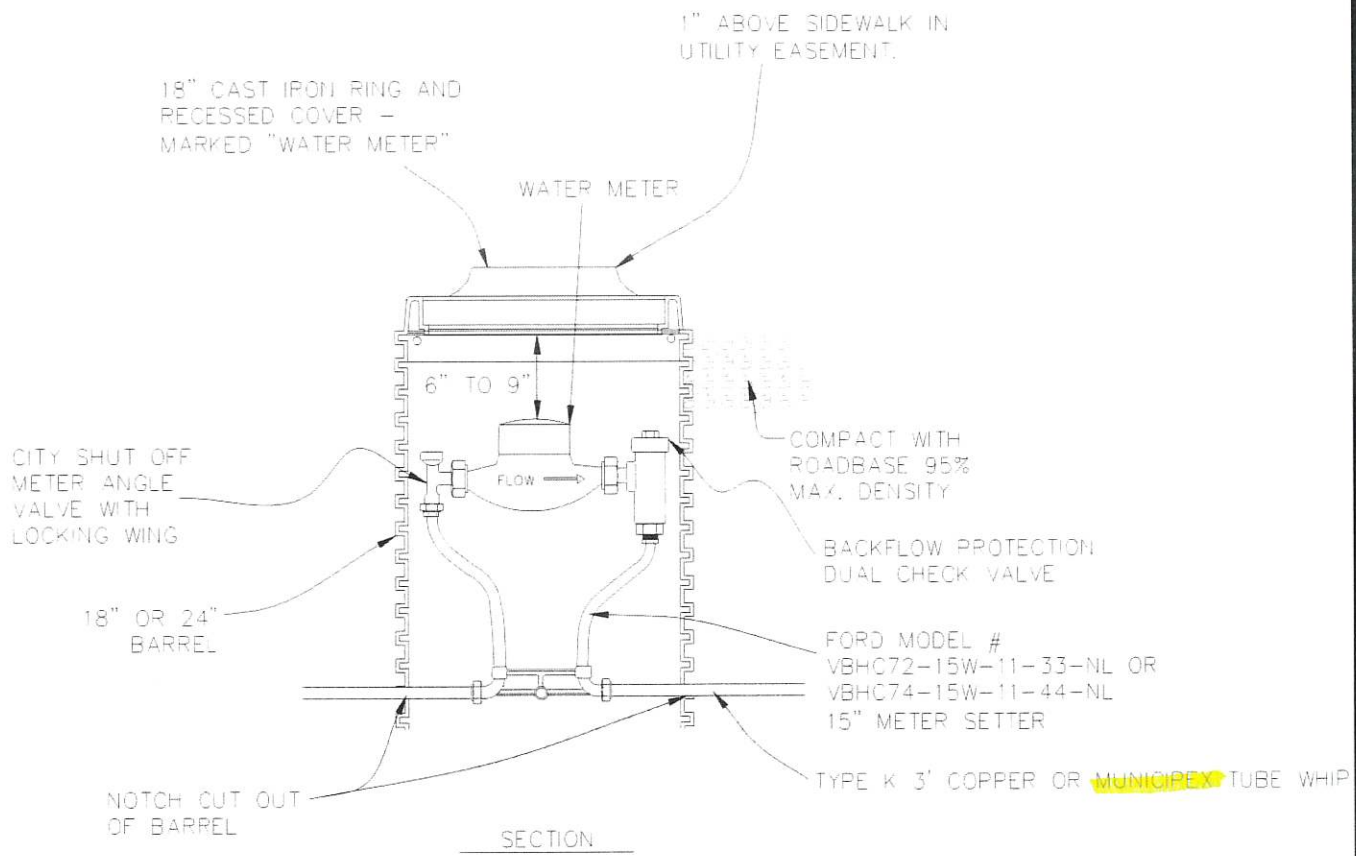


6" MAX FROM  
OF SIDEWALK

LANDSCAPING

SIDEWALK

PLAN VIEW

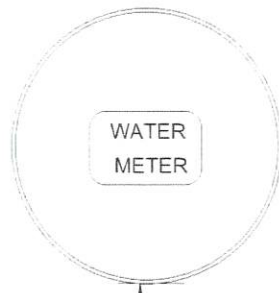


**WATER METER BOX**

N.T.S.

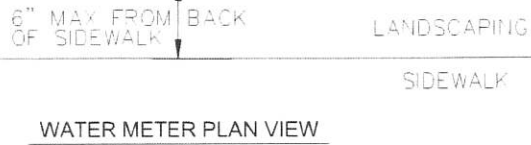


CITY OF HURRICANE			STANDARD DWG. NO.	
<b>WATER METER BOX DETAILS</b>			303	2 OF 4
REVISIONS			APPROVED:	
DATE	DESCRIPTION	BY	DATE: 8/05/20   BY: N.E.L.	



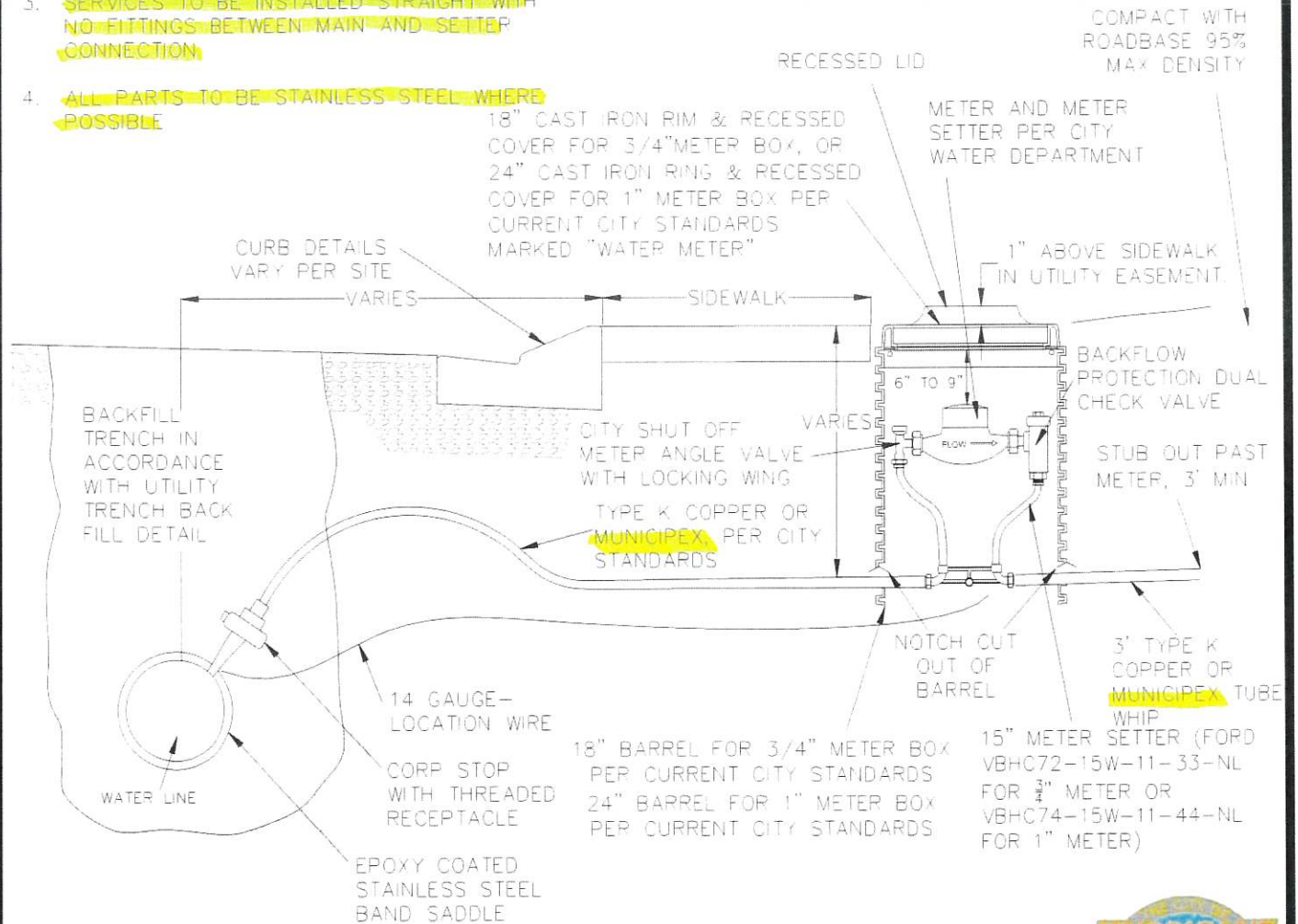
NOTES:

1. ALL TRENCH EXCAVATION AND COMPACTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS
2. LID FOR POTABLE WATER TO BE LABELED "WATER"
3. SERVICES TO BE INSTALLED STRAIGHT WITH NO FITTINGS BETWEEN MAIN AND SETTER CONNECTION
4. ALL PARTS TO BE STAINLESS STEEL WHERE POSSIBLE



WATER METER PLAN VIEW

COMPACT WITH ROADBASE 95% MAX DENSITY



**$\frac{3}{4}$ " AND 1" WATER SERVICE AND METER**

N.T.S.

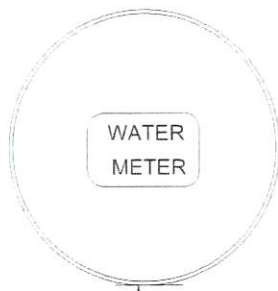


CITY OF HURRICANE

REVISIONS		
DATE	DESCRIPTION	BY

**$\frac{3}{4}$ " AND 1" WATER SERVICE AND METER**

STANDARD DWG. NO.	
303	3 OF 4
APPROVED:	
DATE: 8/5/2020 BY: N.E.L.	



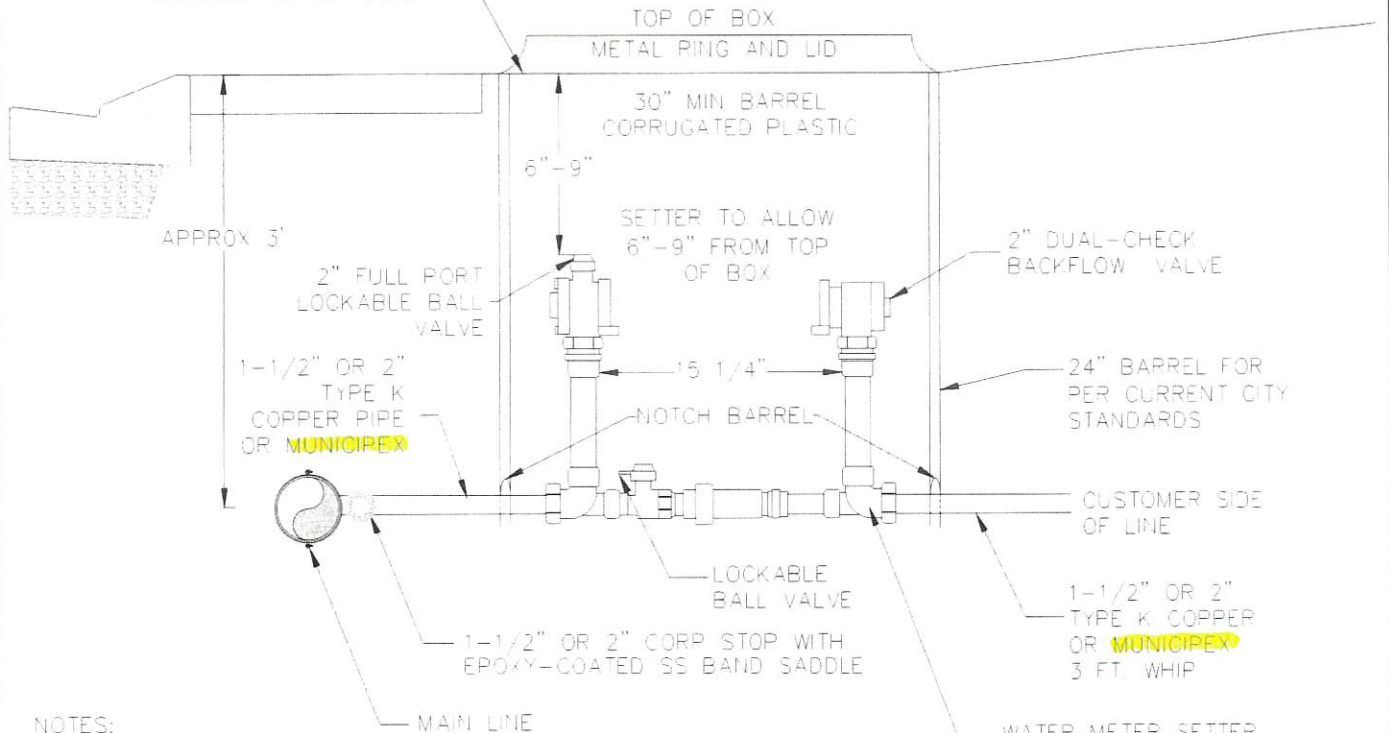
6" MAX FROM BACK OF SIDEWALK

LANDSCAPING

SIDEWALK

**LID PLAN VIEW**

24" CAST IRON RING & RECESSED COVER PER CURRENT CITY STANDARDS MARKED "WATER METER"



**NOTES:**

1. 2" DESIGN IS SHOWN. 1 1/2" METER USES 1 1/2" COMPONENTS.
2. ~~SERVICES TO BE INSTALLED STRAIGHT WITH NO FITTINGS BETWEEN MAIN AND SETTER CONNECTION.~~
3. ~~ALL PARTS TO BE STAINLESS STEEL WHERE POSSIBLE~~

WATER METER SETTER.  
(FORD MODEL#  
VBHH76-15B-44-66-NL  
FOR 1-1/2" METER OR  
VBHH77-15B-44-77-NL  
FOR 2" METER)

**1 1/2" OR 2" WATER SERVICE & METER**

N.T.S.



CITY OF HURRICANE

REVISIONS		
DATE	DESCRIPTION	BY

**1 1/2" OR 2" WATER SERVICE & METER**

STANDARD DWG. NO.	
313	4 OF 4
APPROVED:	
DATE: 8/5/2020	BY: N.E.L.