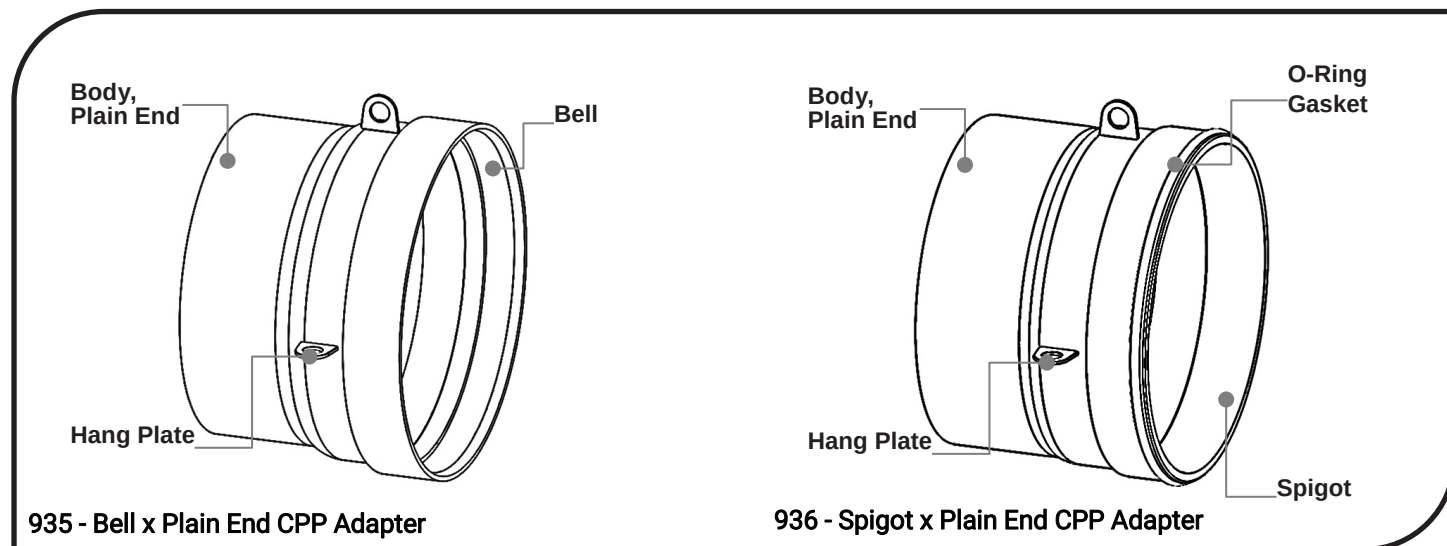


935 / 936 Concrete Pressure Pipe Adapter



APPLICATIONS

Typical Uses

- For adapting to a different pipe type by making a gasketed and/or welded connection to a CPP (Concrete Pressure Pipe) steel Bell/Spigot

Standard CPP Sizes

14" to 60" nominal (15.75" to 65.00" Bell I.D.)¹

Type of CPP

- Reinforced CPP, Steel-Cylinder Type (AWWA C300)
- Prestressed CPP, Steel-Cylinder Type (AWWA C301)
 - Lined-Cylinder Pipe (LCP)
 - Embedded-Cylinder Pipe (ECP)
- Reinforced CPP, Non-cylinder Type (AWWA C302)²
- CPP, Bar-Wrapped, Steel-Cylinder Type (AWWA C303)

Adapter End

- Plain End³
- Coupling End (*see 411 Specification*)
- Ring Flange per AWWA C207
- Male/Female MJ per AWWA C111, for use w/AWWA C111 T-Head Hardware

Working Pressure / Test Pressure

- Based on application
- Up to 250 psi / 375 psi

MATERIALS

935 - Bell

- Carbon Steel per ASTM A36
- Fabricated to match Customer CPP Bell I.D.

936 - Spigot

- Carbon Steel per ASTM A36
- Designed for Customer CPP Bell I.D.

Spigot O-Ring Gasket

- $\frac{3}{4}$ " diameter Nitrile (Buna-N) per ASTM D2000
- Vulcanized bond

Body

- Carbon Steel per ASTM A283 Grade C or ASTM A36, or Carbon Steel having a minimum yield of 30,000 psi

Hang Plate - 2" Lifting Eye

- Qty. (3) positioned at 3, 9, and 12 o'clock⁴
- Carbon Steel per ASTM A283 Grade C

Finish

- Full coverage Fusion-Bonded Epoxy⁵
- Adapters for external or internal joint welding furnished with shopcoat primed weld surfaces, must be specified by customer

OPTIONS

- Custom adapter length
- M11 Harness for Plain End
- Plain End beveled and shopcoat primed for welding
- M11 Harness for Coupling End, some exclusions apply
- AWWA C111 MJ Restraint for Female MJ
- Female MJ for use with studs
- Other flange types
- Full coverage shopcoat primed Bell/Spigot for external and internal joint welding
- Additional Hang Plates for “Come-Along” assisted joint assembly, qty. and location must be specified by customer

LISTINGS

- Bell and Spigot joint rings meet applicable portions of AWWA M9
- Flexi-Coat® Fusion-Bonded Epoxy Coating meets requirements of AWWA C213
- Liquid epoxy meets requirements of AWWA C210

NOTES

1. Contact Smith-Blair Customer Service for availability of larger sizes
2. Requires steel joint rings
3. If using MJ type restraints, consult the restraint manufacturer for approved applications
4. Sizes 18.50” Bell I.D. and larger
5. Some applications will require liquid epoxy

TYPICAL SPECIFICATION

The Bell shall be manufactured from Carbon Steel per ASTM A36 or approved equal. The Bell shall be fabricated to match the Bell I.D. dimension of the CPP Bell to ensure equal gasket compression when installing the Bell onto the CPP Spigot. The Spigot shall be manufactured from Carbon Steel per ASTM A36 or approved equal. The Spigot shall be designed and fabricated for fit and seal when installing into the CPP Bell using the ¾” diameter Spigot O-Ring Gasket.

The Spigot O-Ring Gasket shall be manufactured from ¾” diameter Nitrile (Buna-N), NSF/ANSI 61 listed, per ASTM D2000. The ¾” diameter Nitrile (Buna-N) cord stock shall be cut to length and vulcanize bonded for stretch fit into the Spigot groove. The Spigot O-Ring Gasket is designed specifically for use with the Smith-Blair 936 CPP Adapter.

The Body shall be manufactured from Carbon Steel per ASTM A283 Grade C or ASTM A36, or Carbon Steel having a minimum yield of 30,000 psi. The Hang Plates shall be manufactured from ASTM A283 Grade C and positioned on the Body at 3, 9, and 12 o’clock, only on sizes 18.50” Bell I.D. and larger.

The CPP adapter shall have a Flexi-Coat® Fusion-Bonded Epoxy finish applied per AWWA C213 or a liquid epoxy finish applied per AWWA C210. If specified, the CPP adapter Bell/Spigot shall be shopcoat primed for external or internal joint welding, or full coverage shopcoat primed for external and internal joint welding.

The adapter end shall be manufactured to meet the respective applicable listings and specifications.

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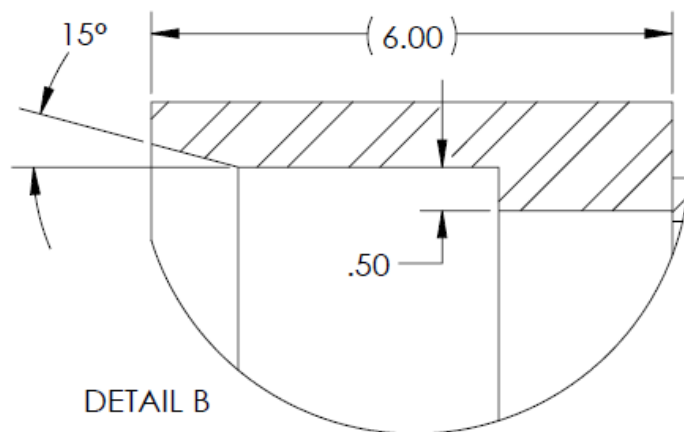
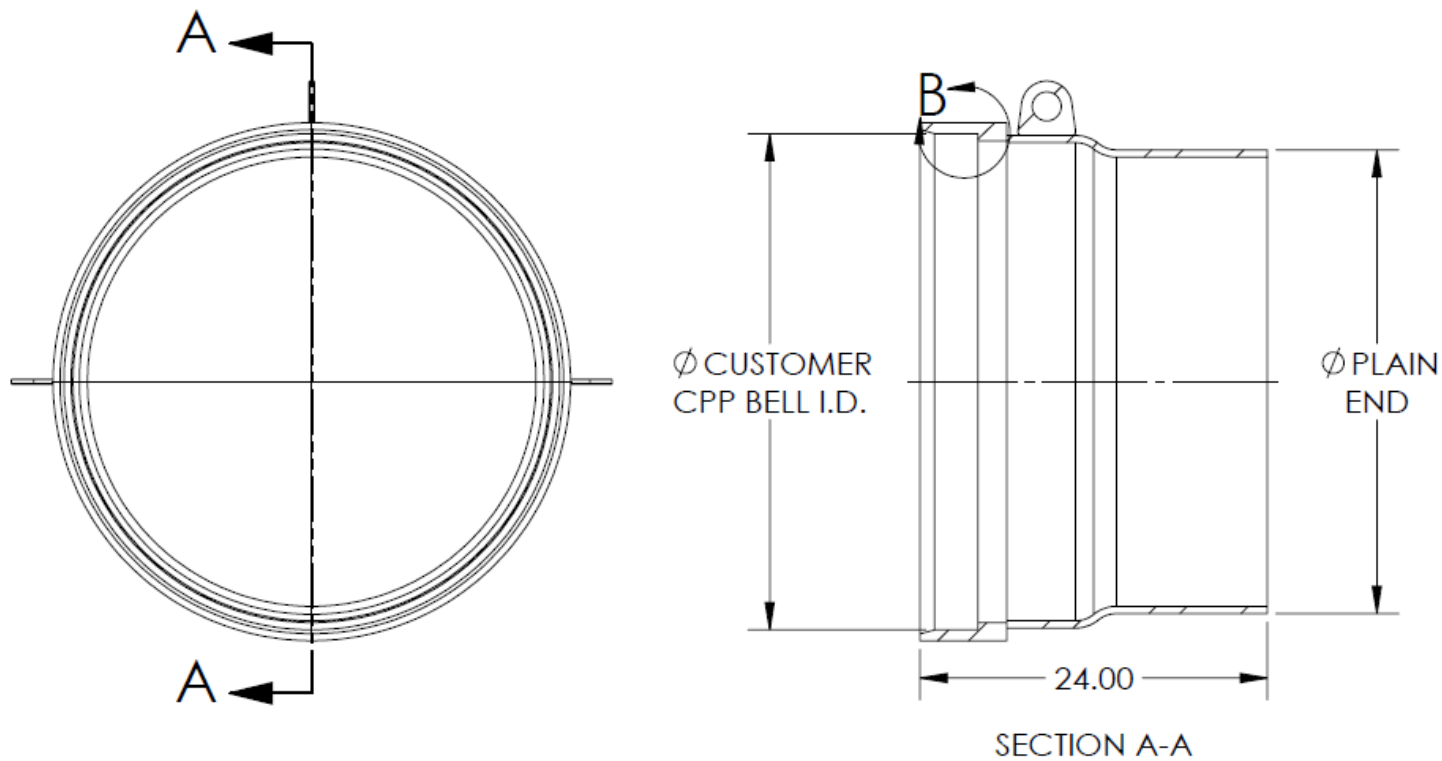
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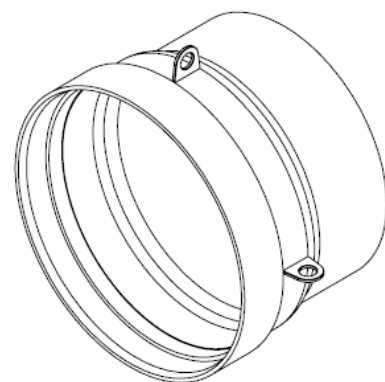
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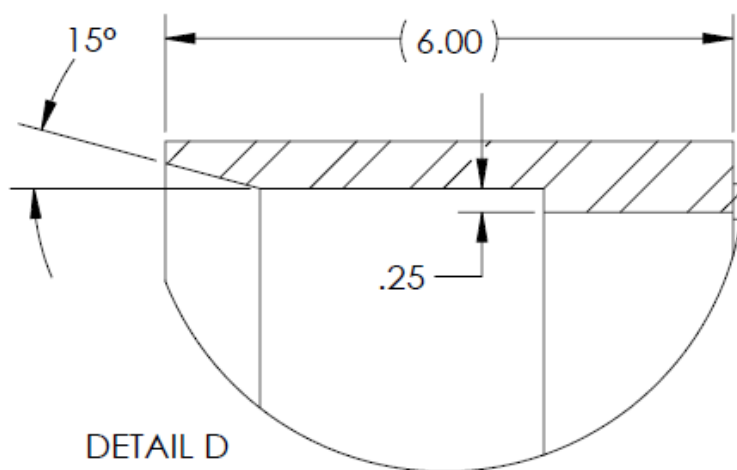
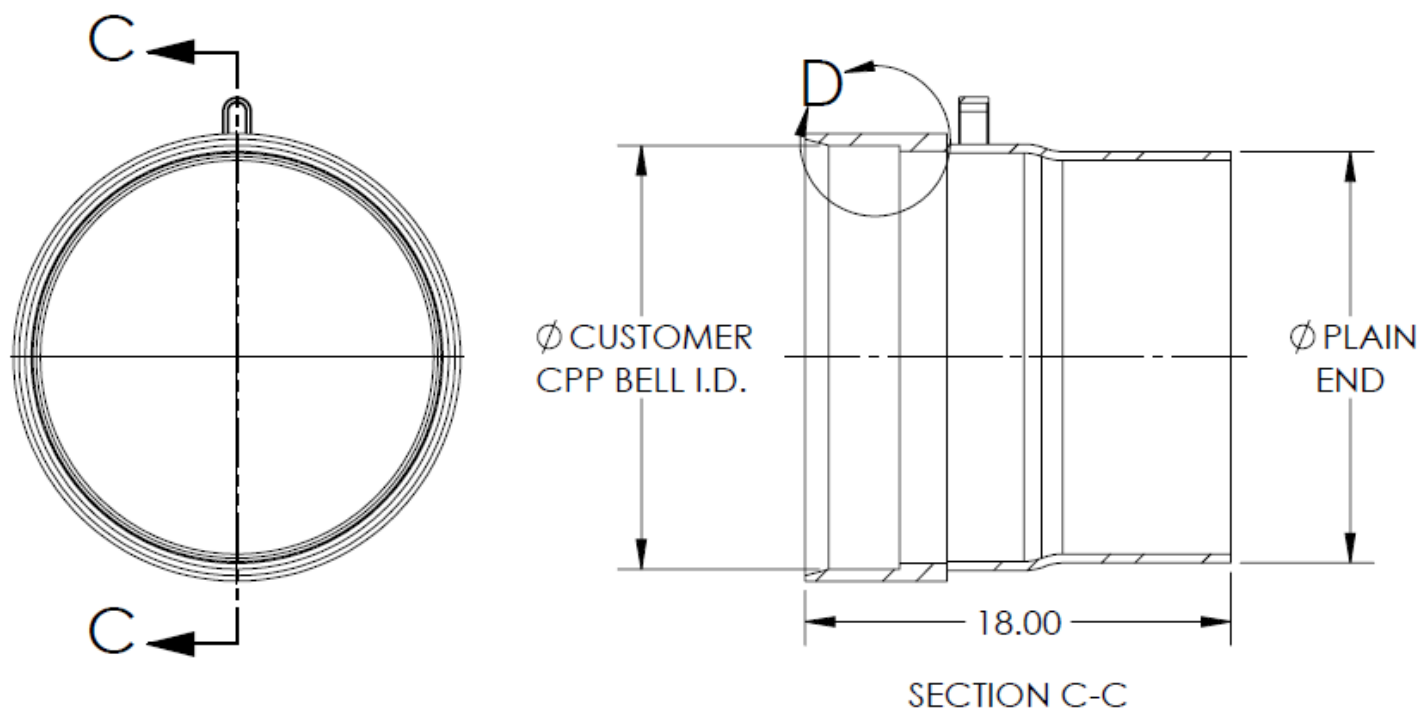
The Xylem logo, featuring the word "xylem" in a lowercase, bold, sans-serif font.



NOTES:

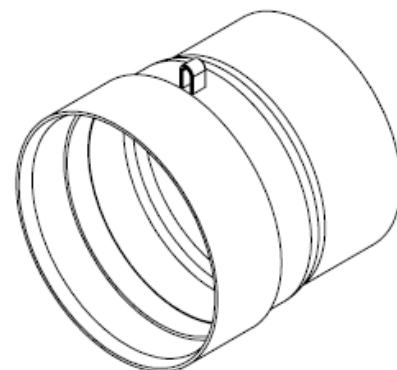
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2. 935 - BELL X PLAIN END CPP ADAPTER SHOWN

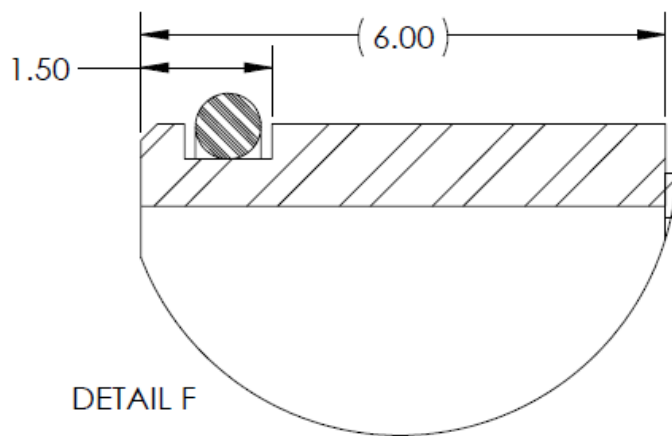
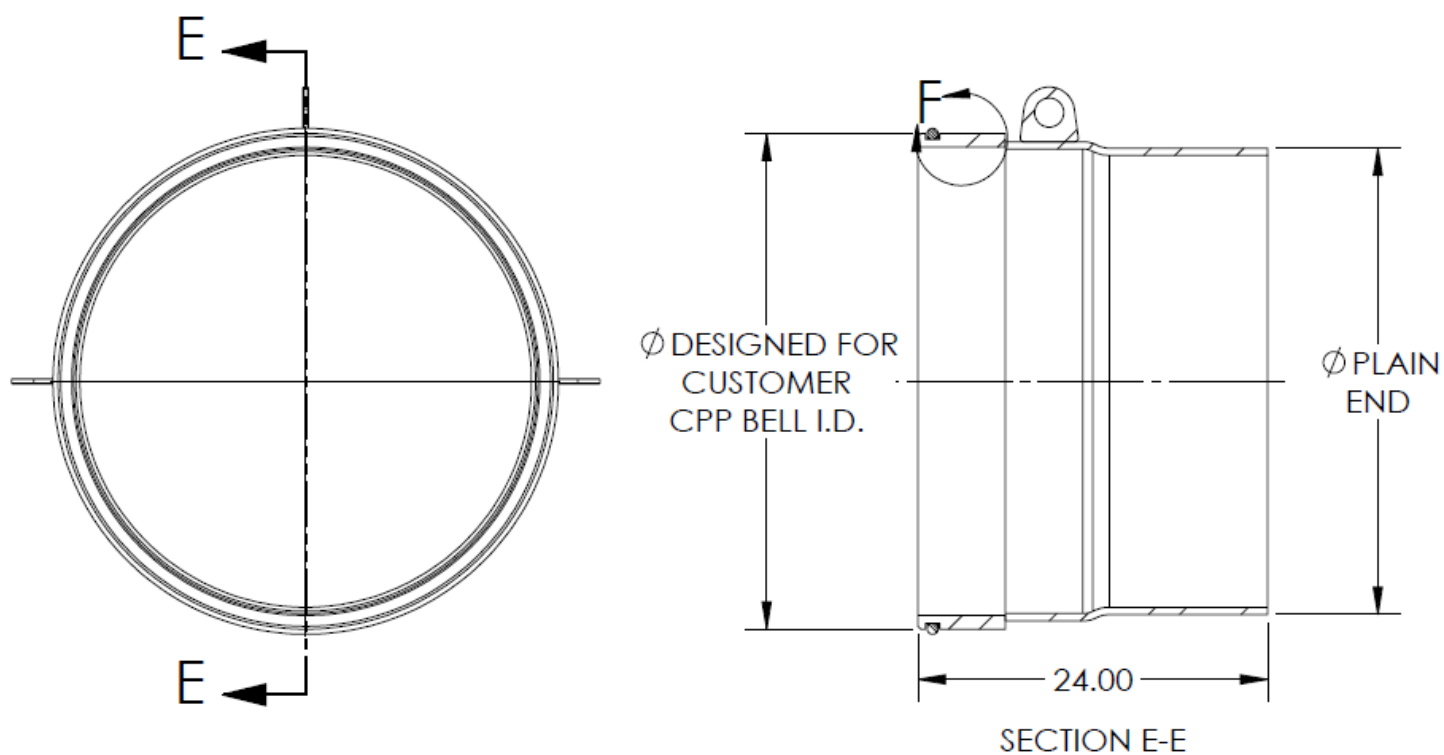




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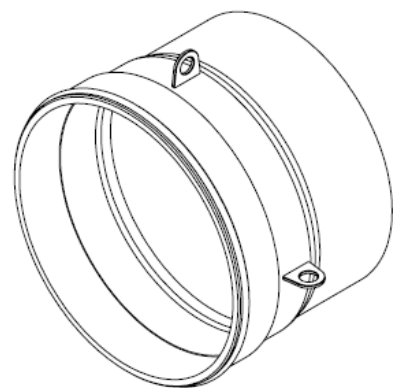
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2. 935 - BELL X PLAIN END CPP ADAPTER SHOWN

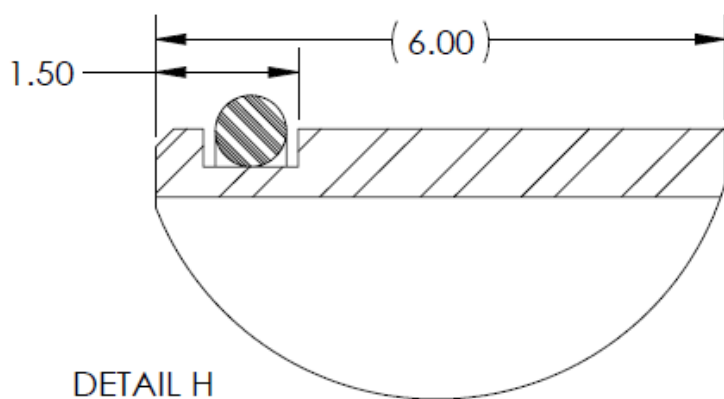
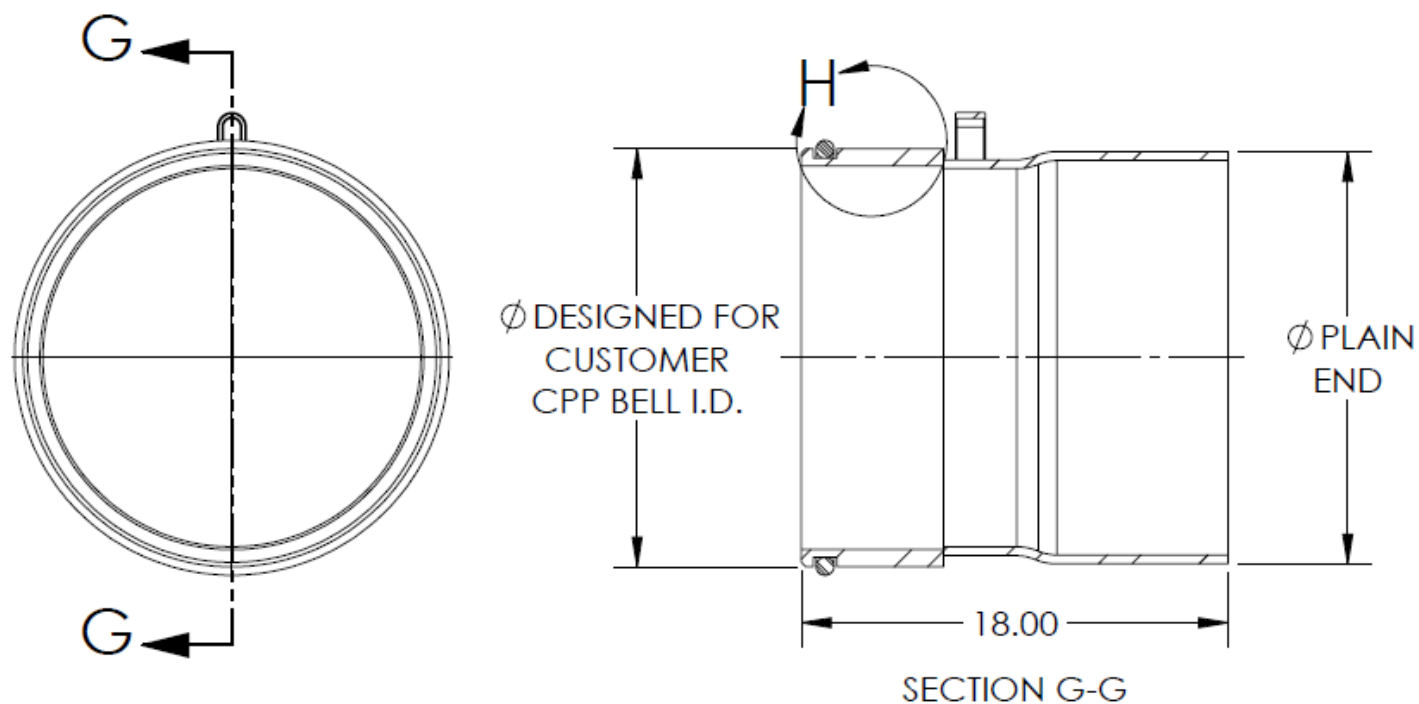




NOTES:

1. FOR CUSTOMER CPP BELL I.D. $\geq 18.50"$
2. 936 - SPIGOT X PLAIN END CPP ADAPTER SHOWN





NOTES:

1. FOR CUSTOMER CPP BELL I.D. < 18.50"
2. 936 - SPIGOT X PLAIN END CPP ADAPTER SHOWN

