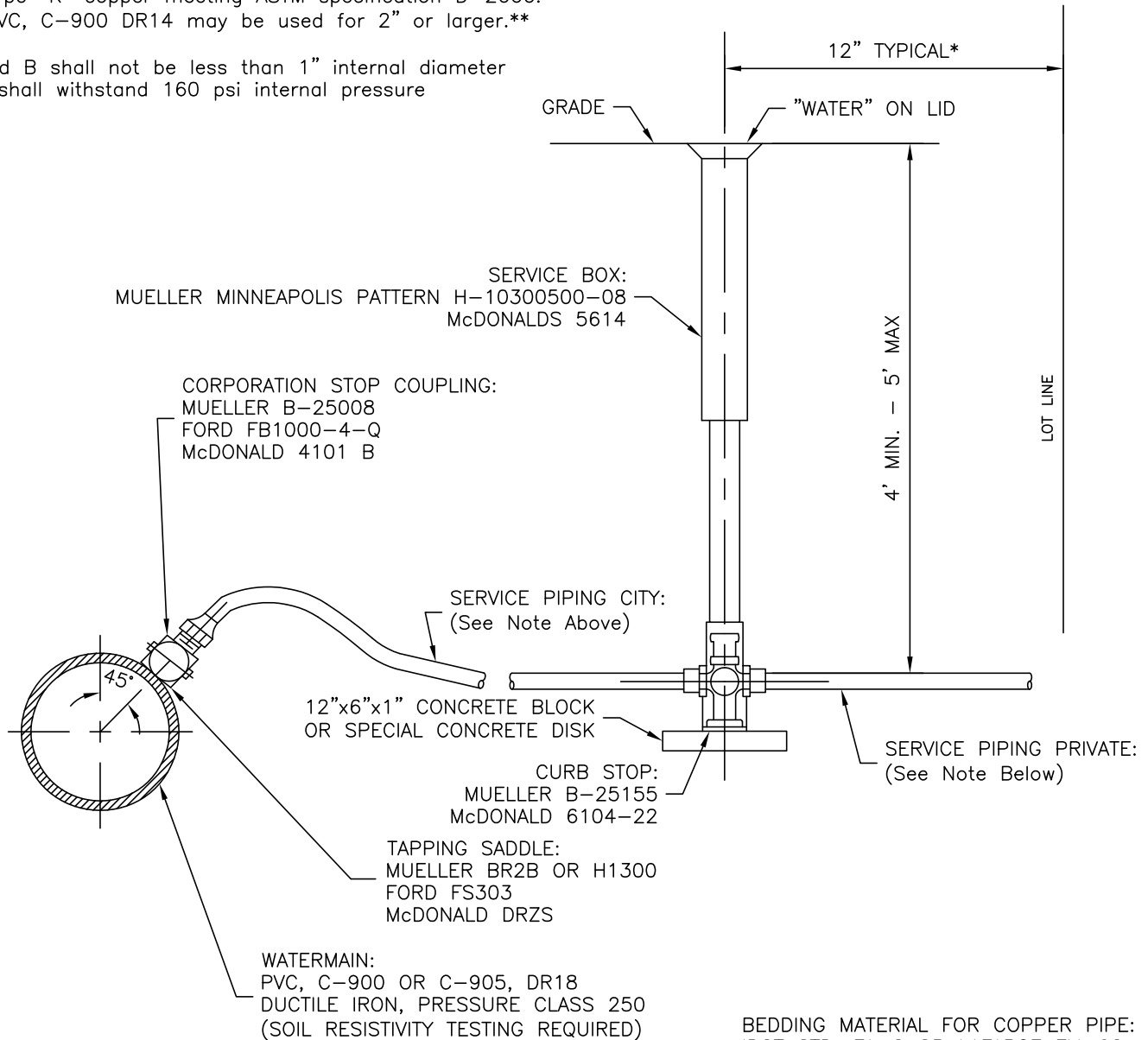


*** SERVICE BOXES SHALL NOT BE INSTALLED IN SIDEWALKS OR DRIVEWAYS.
 12" FROM THE STREET SIDE OF THE SIDEWALK OR
 12" FROM THE LOT LINE IN ALLEYS OR WHERE NO SIDEWALK EXISTS**

Service Piping City:

- A) Type "k" copper meeting ASTM specification D-2666.
- B) PVC, C-900 DR14 may be used for 2" or larger.**

A and B shall not be less than 1" internal diameter and shall withstand 160 psi internal pressure



Service Piping Private:

- A) Type "k" copper meeting ASTM specification D-2666.
 - B) PVC, C-900 DR14 may be used for 2" or larger.**
 - C) High Density Polyester Resin (HDPR) with a factory installed tracer wire, hydrostatic design basis of 1600 psi @ 20' C and dimensional standards of Copper Tube Size (CTS), Controlled Outside Diameter, EndoTrace or approved equal with stainless steel liners at all fittings, may be used for 2" or smaller.***
- A, B, and C shall not be less than 1" internal diameter and shall withstand 160 psi internal pressure

** Use of PVC C-900 DR-14 pipe for service lines requires the marking with a continuous wire or metallic tape with connection to the Shut-off Valve and a Tracer Wire Access Box located outside the building and shall be capable of detection with city equipment and meeting the advance approval of the plumbing inspector.

*** Use of High Density Polyester Resin pipe for service lines requires the installation and connection to both a B-Box with Tracer Wire Terminal and a Tracer Wire Access Box located outside the building and shall be capable of detection with city equipment and meeting the advance approval of the plumbing inspector.

BEDDING MATERIAL FOR COPPER PIPE:
 IDOT STD. FA-2 OR LAFARGE FM-02

ALL MATERIALS TO BE MADE IN U.S.A.

**STANDARD
 WATER TAP
 SERVICE PIPING**

CITY OF OTTAWA

DRG. 2

APRIL 20, 2016