* 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

GRADE ·



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 BOX: MUELLER MINNEAPOLIS PATTERN H-10300500-08 McDONALDS 5614 CORPORATION STOP COUPLING: MUELLER B-25008 FORD FB1000-4-Q McDONALD 4101 B SERVICE PIPING CITY: (See Note Above) 12"x6"x1" CONCRETE BLOCK OR SPECIAL CONCRETE DISK CURB STOP: MUELLER B-25155 McDONALD 6104-22 TAPPING SADDLE: MUELLER BR2B OR H1300 FORD FS303

McDONALD DRZS

(SOIL RESISTIVITY TESTING REQUIRED)

PVC, C-900 OR C-905, DR18 DUCTILE IRON, PRESSURE CLASS 250

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

SERVICE PIPING PRIVATE:

(See Note Below)

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.***

WATERMAIN:

A, B, and C shall not be less than 1" internal diameter and shall withstand $160~\mathrm{psi}$ 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 <u>and</u> 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.

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

12" TYPICAL*

'WATER" ON LID

2

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STANDARD WATER TAP SERVICE PIPING

CITY OF OTTAWA

DRG. 2

APRIL 20, 2016