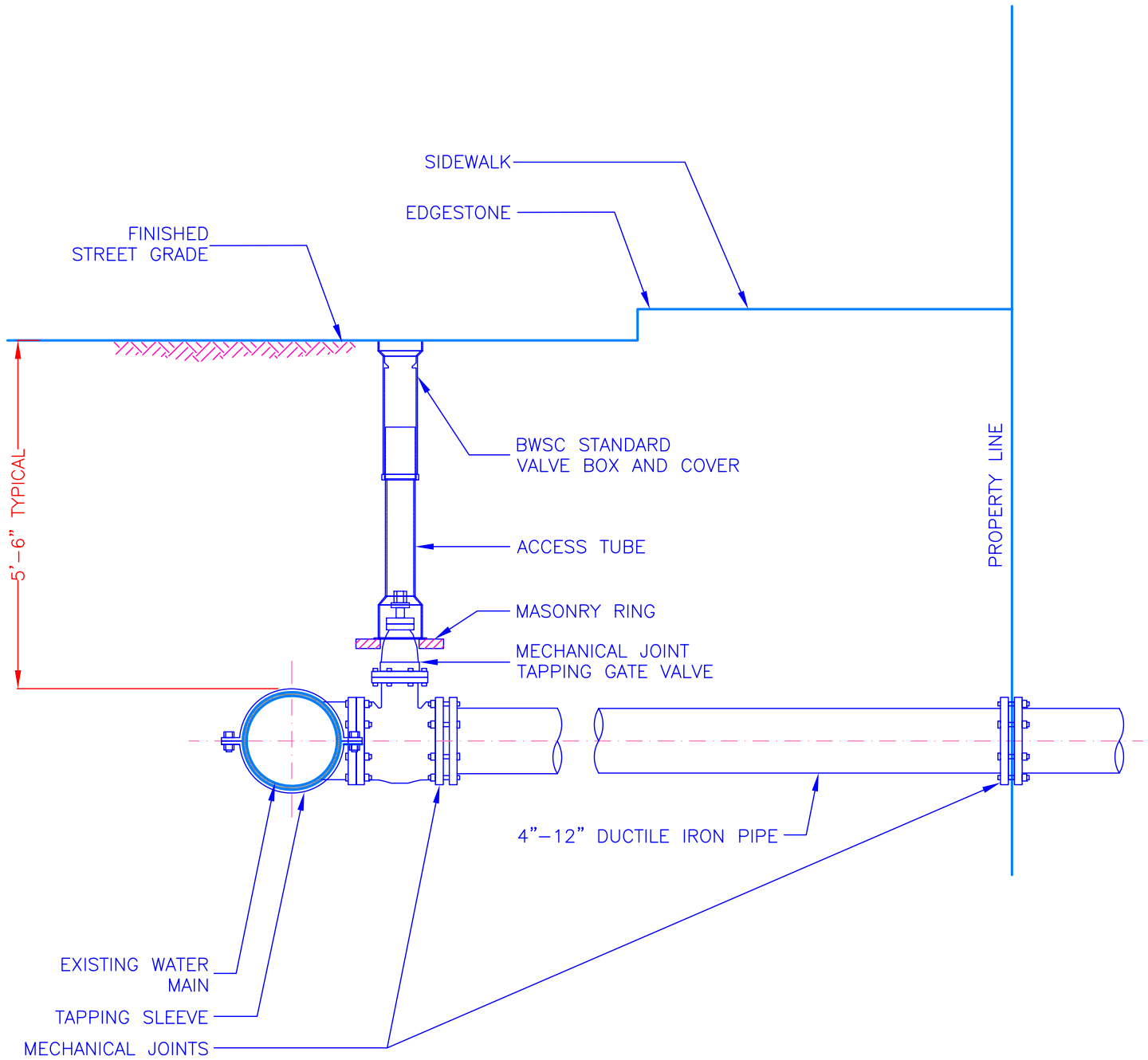


**NOTES:**

1. CONCRETE THRUST BLOCK TO BE USED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH
2. USE RESTRAINED JOINT FITTINGS OR TIE RODS WHERE CONCRETE THRUST BLOCK IS UNACCEPTABLE
3. SIZE OF BLOCK OR MEGALUG TO BE DESIGNED FOR SPECIFIC CONDITIONS



Location/Filename: V:\eng\ACAD\_STD\Technical Details\A - Water Details\A-09 - Typical Water Pipe Connection with Tapping Sleeve and Gate Valve.dwg  
Plotted on: Tuesday, January 15, 2013 - 12:27 PM by Donohoe, William



**Boston Water and Sewer Commission**

980 HARRISON AVE., BOSTON, MA 02119  
(617) 989-7000 www.bwsc.org

**TYPICAL WATER PIPE CONNECTION WITH TAPPING SLEEVE AND GATE VALVE**

Scale: Not To Scale

DATE:  
June 30, 2012

DETAIL NO.  
**A-09**