

CONCRETE THRUST
COLLAR (TYPICAL)

3' MIN

POUR AGAINST
UNDISTURBED EARTH

$\frac{3}{4}$ " REDI ROD

3' MIN

W
2' MIN

12" FLANGED CROSS SHOWN WITH
4-12" GATE VALVES

PLAN

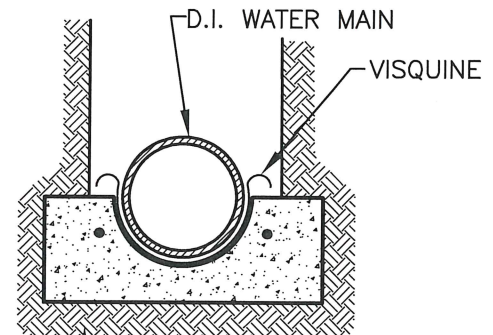
POUR AGAINST
UNDISTURBED EARTH

$\frac{3}{4}$ " REDI ROD

SECTION

MINIMUM BEARING AREA
(BASED ON 200# TEST PRESSURE AND
1500 psf SOIL BEARING STRESS).

PIPE SIZE	Square Feet	PIPE SIZE	Square Feet
4"	2.4sf	16"	31.7sf
6"	5.0sf	20"	48.9sf
8"	8.6sf	24"	69.7sf
12"	18.3sf		



EXISTING UNDISTURBED GROUND

APPROVED

[Signature]

City Engineer

15 JUNE 2016

Date

CITY OF BELLINGHAM
REVERSE THRUST BLOCKING
FOR
CROSS WITH VALVES

DRAWING
WA-865