



**NOTES:**

--- POLYETHYLENE BOND BREAKER (NOT REQUIRED FOR PVC FITTINGS)

DIMENSIONS IN MILLIMETERS



**THE CITY OF WINNIPEG**  
**WATER & WASTE DEPARTMENT**

Reference Spec. No.  
 CW 2030 CW 2110

BY PASS VALVE ASSEMBLY  
 FOR 350 TO 450 DIAMETER  
 WATERMANS

Designed By:

TW

Drawn By:

BH

Scale:

N.T.S.

Checked By:

TW

Date: 03-03-14

Revision:

Drawing No.

Approved:

UNDERGROUND WORKS COMMITTEE

SD-017