

**STANDARD CIRCULAR STORM MAINTENANCE HOLE COVER**

DATE: MARCH 2010  
REV: MARCH 2017  
DWG. NO.: S24.1

**WATERMAIN CROSSING OVER SEWER**

DATE: MAY 2001  
REV: MARCH 2001  
DWG. NO.: W05.2

**VALVE BOX ASSEMBLY**

DATE: MAY 2001  
REV: MARCH 2001  
DWG. NO.: W04

**BOUNDARY VALVE CHAMBER**

DATE: MARCH 2007  
REV: MARCH 2007  
DWG. NO.: W03.3

**CONCRETE BARRIER CURB WITH SIDEWALK**

DATE: JAN 2003  
REV: MAR 2025  
DWG. NO.: SC1.4

**STANDARD CIRCULAR FRAME FOR MAINTENANCE HOLES (MODIFIED OPSD-401 020)**

DATE: MAY 2001  
REV: MARCH 2019  
DWG. NO.: S25

**STANDARD LOCKABLE MAINTENANCE HOLE COVER**

DATE: MARCH 2008  
REV: MARCH 2019  
DWG. NO.: S24.2

**SEWER SERVICE ABANDONMENT BENEATH PAVEMENT**

DATE: MARCH 2011  
REV: MARCH 2011  
DWG. NO.: S11.4

**CONCRETE THRUST BLOCKS FOR PVC AND DI PIPE 400mm AND UNDER**

DATE: MAY 2001  
REV: MARCH 2002  
DWG. NO.: W25.3

**WATERMAIN CROSSING BELOW SEWER**

DATE: MAY 2007  
REV: MARCH 2007  
DWG. NO.: W05

**THERMAL INSULATION FOR WATERMAINS IN SHALLOW TRENCHES**

DATE: MAY 2001  
REV: MARCH 2003  
DWG. NO.: W22

**CONCRETE BARRIER CURB WITH INTERLOCKING SIDEWALK**

DATE: MAR 2007  
REV: MAR 2025  
DWG. NO.: SC9.3

**CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)**

DATE: JAN 2003  
REV: MAR 2025  
DWG. NO.: SC1.1

**INSULATION FOR SHALLOW SEWERS**

DATE: MAY 2001  
REV: JULY 2004  
DWG. NO.: S35

**SANITARY BACKWATER VALVE INSTALLATION TYPE 1**

DATE: MARCH 2011  
REV: MARCH 2011  
DWG. NO.: S14.1

Revision	By	Appd.	YY.MM.DD
1	JP	SG	25.09.05
0	JP	SG	25.05.13

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Permit-Seal

Client/Project  
Mattamy Homes  
HMB PHASE 7  
OTTAWA, ON

Title  
DETAILS SHEET

Project No.	Scale
160402143	

Drawing No.	Sheet	Revision
DS-1	7 of 9	1

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