## Table of Contents

- Terms and Conditions of Sale .................................................. 4-5
- Circular Pipe: Approximate Mass and Dimensions ................. 6
- Circular Pipe: Prices ............................................................... 7
- Tees and Wyes ....................................................................... 8
- Metre Tees ........................................................................... 9
- Bends .................................................................................... 10
- Plugs and Caps ..................................................................... 11
- Elliptical Pipe ...................................................................... 12
- Microtunneling .................................................................... 13
- Box Culvert Units ................................................................ 14
- Maximum Pipe Sizes for Maintenance Holes ......................... 15
- Maintenance Hole Estimating Tables .................................... 16-17
- Maintenance Holes and Utility Chambers (Circular) 1200mm and 1500mm .................. 18
- Maintenance Holes and Utility Chambers (Circular) 1800mm to 3600mm ............. 19
- Flexible Pipe-to-Maintenance Hole Connectors ..................... 20
- Catch Basins / Ditch Inlets ...................................................... 20
- Grade Adjustment Units .......................................................... 21
- Miscellaneous Accessories ...................................................... 21
- Rectangular Maintenance Holes and Utility Chambers .......... 22-25
- Drop Structures ................................................................. 26
- Endwalls .............................................................................. 27
- Quick Headwalls .................................................................. 27
- Stormceptor® Stormwater Quality & Management Solutions .... 28
- QuickSpan® .......................................................................... 30
- Ottawa Specific Products ......................................................... 31-32
1. Quotations are open for acceptance for 30 days from the date thereof.

2. Acceptance of any quotation shall not obligate the Seller until the Purchaser’s credit is approved by our Credit Department.

3. Payment terms: Net 30 days. A discount of 3% for concrete products will be allowed if payment is received by the 25th of the month following delivery, provided there are no overdue invoices outstanding. Service charge of 2% per month (24% per year) on overdue accounts. Note: HST is not subject to discount. All taxes are extra.

4. All prices are subject to any increase in taxes or freight or to the imposition of new taxes in which case the amount of the increase will be added.

5. The prices contained in this list are based on the use of Normal Portland Cement, with rubber gaskets complying with CSA A257.3. An additional 5% will be charged for products manufactured with type 20 cement, and 10% for products manufactured with type 50 cement. An additional 10% will be charged for “Jacking Pipe”.

6. Prices include delivery in truckload quantities, FOB trucks at jobsite, within Ontario, within 250 kilometers of the Regional Municipality of Waterloo, Regional Municipality of Durham, Metropolitan Toronto, City of Windsor or City of Ottawa. For delivery outside these areas please contact our office for prices. Less than truckload quantities (tractor trailer) is priced FOB plant with delivery charges extra.

7. Delivery to the jobsite by the seller shall be construed to mean motor truck delivery, as close to jobsite designated storage area, or to line of trench as is practicable for loaded motor trucks and trailers operating under their own power, without risk of accident, injury or undue delay. The Purchaser shall provide and maintain suitable access including access roads to project site for delivery of goods. Delivery beyond a point accessible to loaded trucks shall be at the risk of the Purchaser.

8. The Seller reserves the right to make an extra charge for unreasonable delay in unloading or releasing its vehicles.

9. The Seller reserves the right to make an extra charge for deliveries of less than truckload quantities other than the final load to finish a specific project.

10. Prices are based on deliveries made during normal working hours.

11. The Seller requires no less than 24 hours notice of the Purchaser’s requirements for standard or pre-ordered material, to ensure adequate service and to enable the Seller to schedule trucks and deliveries.

12. The Seller shall not be liable for delay or non-delivery caused by the failure of the transportation facilities, strikes, fire, war, flood, accident or any other cause beyond its control.

13. Quotations are made on the condition that full delivery will be taken within six months from acceptance of order. Any goods delivered after this period will be subject to any increase in prices shown in our regularly published price lists, in effect at the time of each delivery.

14. The Purchaser will inspect the concrete products and other goods purchased at the time of delivery and any claims in respect thereto must be made at that time. If any such concrete products or other goods are found to be defective, the Seller will deliver new goods to the Purchaser at the site of the work in lieu thereof, but it is a condition of sale that this will be the limit of the Seller’s liability and will not be liable for any labour cost or other consequential damages.

15. Material returned for credit will be subject to freight charges and the acceptance of the Seller. Special precast concrete products ordered by customer are not subject to cancellation. Any special products not taken will be charged to the customer. No credit will be issued when the section is resold. There will be a 25% handling charge for any standard stock products returned.
16. The Purchaser is reminded to verify all quantities, calculations, specifications, etc., and the Seller assumes no liability in this regard.

17. No warranties, representations, conditions or agreements exist which are not set out in this price list.

18. Waiver of any one or more of the terms and conditions herein by the Seller shall not constitute a general waiver of terms and conditions and the Seller reserves the right to enforce any and all conditions not so waived. Any such waiver must be in writing.

19. The drawings and specifications of any seller proposal or any quotation are confidential engineering data, and represents Sellers investment in engineering skills and development and remain the property of the seller.
## Circular Pipe - approximate mass and dimensions

<table>
<thead>
<tr>
<th>nominal diameter (mm)</th>
<th>actual OD (mm)</th>
<th>length per piece (m)</th>
<th>approximate mass (kg/m)</th>
<th>approximate mass (kg/piece)</th>
<th>wall thickness (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>445</td>
<td>2.29</td>
<td>219</td>
<td>502</td>
<td>70</td>
</tr>
<tr>
<td>375</td>
<td>533</td>
<td>2.29</td>
<td>296</td>
<td>678</td>
<td>76</td>
</tr>
<tr>
<td>450</td>
<td>585</td>
<td>2.29</td>
<td>292</td>
<td>669</td>
<td>64</td>
</tr>
<tr>
<td>525</td>
<td>711</td>
<td>2.29</td>
<td>461</td>
<td>1,055</td>
<td>89</td>
</tr>
<tr>
<td>600</td>
<td>800</td>
<td>2.29</td>
<td>549</td>
<td>1,258</td>
<td>95</td>
</tr>
<tr>
<td>675</td>
<td>890</td>
<td>2.29</td>
<td>678</td>
<td>1,553</td>
<td>102</td>
</tr>
<tr>
<td>750</td>
<td>978</td>
<td>2.29</td>
<td>757</td>
<td>1,734</td>
<td>108</td>
</tr>
<tr>
<td>825 Cambridge</td>
<td>1,066</td>
<td>2.29</td>
<td>858</td>
<td>1,965</td>
<td>114</td>
</tr>
<tr>
<td>825 Ottawa</td>
<td>1,066</td>
<td>2.44</td>
<td>858</td>
<td>2,094</td>
<td>114</td>
</tr>
<tr>
<td>900</td>
<td>1,156</td>
<td>2.29</td>
<td>1,001</td>
<td>2,292</td>
<td>121</td>
</tr>
<tr>
<td>975 Cambridge</td>
<td>1,245</td>
<td>2.29</td>
<td>1,144</td>
<td>2,620</td>
<td>127</td>
</tr>
<tr>
<td>975 Ottawa</td>
<td>1,245</td>
<td>2.44</td>
<td>1,144</td>
<td>2,791</td>
<td>127</td>
</tr>
<tr>
<td>1050</td>
<td>1,333</td>
<td>2.44</td>
<td>1,283</td>
<td>3,131</td>
<td>133</td>
</tr>
<tr>
<td>1200 Cambridge</td>
<td>1,511</td>
<td>2.44</td>
<td>1,581</td>
<td>3,858</td>
<td>146</td>
</tr>
<tr>
<td>1200 Ottawa</td>
<td>1,473</td>
<td>2.44</td>
<td>1,340</td>
<td>3,270</td>
<td>127</td>
</tr>
<tr>
<td>1350</td>
<td>1,690</td>
<td>2.44</td>
<td>1,933</td>
<td>4,717</td>
<td>159</td>
</tr>
<tr>
<td>1500</td>
<td>1,828</td>
<td>2.44</td>
<td>1,927</td>
<td>4,702</td>
<td>152</td>
</tr>
<tr>
<td>1650</td>
<td>2,006</td>
<td>2.44</td>
<td>2,449</td>
<td>5,976</td>
<td>165</td>
</tr>
<tr>
<td>1800</td>
<td>2,185</td>
<td>2.44</td>
<td>2,695</td>
<td>6,576</td>
<td>178</td>
</tr>
<tr>
<td>1950</td>
<td>2,363</td>
<td>2.44</td>
<td>3,125</td>
<td>7,625</td>
<td>191</td>
</tr>
<tr>
<td>2100</td>
<td>2,540</td>
<td>2.44</td>
<td>3,585</td>
<td>8,747</td>
<td>203</td>
</tr>
<tr>
<td>2250</td>
<td>2,718</td>
<td>2.44</td>
<td>4,326</td>
<td>10,555</td>
<td>216</td>
</tr>
<tr>
<td>2400</td>
<td>2,896</td>
<td>2.44</td>
<td>4,598</td>
<td>11,219</td>
<td>229</td>
</tr>
<tr>
<td>2550</td>
<td>3,073</td>
<td>2.44</td>
<td>5,179</td>
<td>12,637</td>
<td>241</td>
</tr>
<tr>
<td>2700</td>
<td>3,251</td>
<td>2.44</td>
<td>5,752</td>
<td>14,035</td>
<td>254</td>
</tr>
<tr>
<td>3000</td>
<td>3,606</td>
<td>2.44</td>
<td>7,541</td>
<td>18,400</td>
<td>279</td>
</tr>
<tr>
<td>size (mm)</td>
<td>non-reinforced - CSA A257.2</td>
<td>reinforced - CSA A257.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>-----------------------------</td>
<td>------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Class 2</td>
<td>Class 3</td>
<td>50-D</td>
<td>65-D</td>
<td>100-D</td>
</tr>
<tr>
<td>300</td>
<td>$95.10</td>
<td>$95.10</td>
<td>$95.10</td>
<td>$95.10</td>
<td>$95.10</td>
</tr>
<tr>
<td>375</td>
<td>117.30</td>
<td>117.30</td>
<td>117.30</td>
<td>117.30</td>
<td>117.30</td>
</tr>
<tr>
<td>450</td>
<td>120.90</td>
<td>120.90</td>
<td>120.90</td>
<td>120.90</td>
<td>151.10</td>
</tr>
<tr>
<td>525</td>
<td>131.70</td>
<td>131.70</td>
<td>153.90</td>
<td>181.70</td>
<td></td>
</tr>
<tr>
<td>600</td>
<td>177.30</td>
<td>177.30</td>
<td>203.90</td>
<td>239.70</td>
<td></td>
</tr>
<tr>
<td>675</td>
<td>271.80</td>
<td>309.60</td>
<td>362.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>750</td>
<td>358.30</td>
<td>409.50</td>
<td>478.70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>825</td>
<td>415.70</td>
<td>528.60</td>
<td>555.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>900</td>
<td>498.70</td>
<td>570.40</td>
<td>666.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>975</td>
<td>547.10</td>
<td>655.40</td>
<td>767.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1050</td>
<td>626.50</td>
<td>753.40</td>
<td>877.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td>785.30</td>
<td>943.80</td>
<td>1,099.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1350</td>
<td>1,009.90</td>
<td>1,212.90</td>
<td>1,412.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>1,235.30</td>
<td>1,482.10</td>
<td>1,729.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1650</td>
<td>1,479.10</td>
<td>1,776.40</td>
<td>2,071.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>1,787.50</td>
<td>2,145.40</td>
<td>2,503.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1950</td>
<td>2,072.80</td>
<td>2,487.00</td>
<td>2,903.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2100</td>
<td>2,378.60</td>
<td>2,853.50</td>
<td>3,328.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2250</td>
<td>2,703.10</td>
<td>3,244.40</td>
<td>3,785.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2400</td>
<td>3,164.00</td>
<td>3,794.10</td>
<td>4,426.80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2550</td>
<td>3,563.60</td>
<td>4,274.20</td>
<td>4,987.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2700</td>
<td>3,954.80</td>
<td>4,745.80</td>
<td>5,537.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3000</td>
<td>4,843.00</td>
<td>5,814.50</td>
<td>6,783.10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTES:
1. **Special Design Pipe (>140D)** - contact our engineering department.
2. **Jacking Pipe** (1200mm and larger only) - add 10% to the above price per metre.
   Contact our engineering department for smaller tunneling pipe.
3. **Scribed Holes and Knockouts** - $116.50 each, for mainline up to 1350mm
   $232.80 each, for mainline 1500mm and larger.
4. **Reducers and Increasers**  Price per metre of the larger pipe x 6.5, for sizes 300mm and larger.
   (Price per piece)
<table>
<thead>
<tr>
<th>branch size (mm)</th>
<th>300-525</th>
<th>600-825</th>
<th>900-1200</th>
<th>1350-1800</th>
<th>1950-2400</th>
<th>2550-3000 and boxes</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>$154.40</td>
<td>$162.30</td>
<td>$206.90</td>
<td>$280.70</td>
<td>$336.10</td>
<td>$389.20</td>
</tr>
<tr>
<td>125</td>
<td>169.50</td>
<td>177.60</td>
<td>227.20</td>
<td>307.50</td>
<td>369.00</td>
<td>426.60</td>
</tr>
<tr>
<td>150</td>
<td>186.80</td>
<td>196.40</td>
<td>250.20</td>
<td>339.40</td>
<td>406.50</td>
<td>470.80</td>
</tr>
<tr>
<td>200</td>
<td>249.20</td>
<td>261.80</td>
<td>333.90</td>
<td>452.60</td>
<td>542.70</td>
<td>627.60</td>
</tr>
<tr>
<td>250</td>
<td>279.20</td>
<td>292.80</td>
<td>373.60</td>
<td>506.70</td>
<td>607.60</td>
<td>702.80</td>
</tr>
<tr>
<td>300</td>
<td>380.00</td>
<td>538.10</td>
<td>698.20</td>
<td>989.30</td>
<td>1,280.40</td>
<td>1,745.50</td>
</tr>
<tr>
<td>375</td>
<td>459.50</td>
<td>615.40</td>
<td>828.70</td>
<td>1,161.00</td>
<td>1,527.50</td>
<td>1,879.10</td>
</tr>
<tr>
<td>450</td>
<td>561.90</td>
<td>695.70</td>
<td>911.30</td>
<td>1,243.50</td>
<td>1,610.20</td>
<td>1,961.40</td>
</tr>
<tr>
<td>525</td>
<td>606.80</td>
<td>717.40</td>
<td>934.00</td>
<td>1,266.20</td>
<td>1,632.70</td>
<td>1,984.00</td>
</tr>
<tr>
<td>600</td>
<td>897.60</td>
<td>1,119.10</td>
<td>1,451.50</td>
<td>1,817.60</td>
<td>2,169.30</td>
<td></td>
</tr>
<tr>
<td>675</td>
<td>1,277.70</td>
<td>1,449.30</td>
<td>1,782.00</td>
<td>2,148.40</td>
<td>2,499.90</td>
<td></td>
</tr>
<tr>
<td>750</td>
<td>1,650.10</td>
<td>1,799.20</td>
<td>2,131.30</td>
<td>2,497.90</td>
<td>2,849.00</td>
<td></td>
</tr>
<tr>
<td>825</td>
<td>1,887.60</td>
<td>2,013.50</td>
<td>2,346.20</td>
<td>2,712.80</td>
<td>3,064.10</td>
<td></td>
</tr>
<tr>
<td>900</td>
<td>2,341.60</td>
<td>2,674.10</td>
<td>3,034.40</td>
<td>3,391.50</td>
<td>3,689.40</td>
<td></td>
</tr>
<tr>
<td>975</td>
<td>2,666.10</td>
<td>2,971.30</td>
<td>3,338.20</td>
<td>3,689.40</td>
<td>3,689.40</td>
<td></td>
</tr>
<tr>
<td>1050</td>
<td>3,028.10</td>
<td>3,303.00</td>
<td>3,669.00</td>
<td>4,020.40</td>
<td>4,020.40</td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td>3,736.60</td>
<td>3,965.70</td>
<td>4,332.50</td>
<td>4,683.60</td>
<td>4,683.60</td>
<td></td>
</tr>
<tr>
<td>1350</td>
<td>4,945.00</td>
<td>5,283.30</td>
<td>5,698.90</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>5,971.90</td>
<td>6,308.60</td>
<td>6,677.50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1650</td>
<td>7,083.80</td>
<td>7,372.30</td>
<td>7,741.10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>8,506.70</td>
<td>8,747.30</td>
<td>9,116.20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. Branches 300mm and smaller are available for concrete or smooth wall PVC pipe. Branches 375mm and larger are available for concrete pipe only.
2. Maintenance Hole Tees - prices are calculated in the same fashion as pipe tees.
### Metre Tees - price per piece (includes rubber gasket)

<table>
<thead>
<tr>
<th>branch size (mm)</th>
<th>main pipe size (mm)</th>
<th>300</th>
<th>375</th>
<th>450</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td></td>
<td>264.60</td>
<td>286.90</td>
<td>320.60</td>
</tr>
<tr>
<td>150</td>
<td></td>
<td>281.80</td>
<td>304.10</td>
<td>337.90</td>
</tr>
<tr>
<td>200</td>
<td></td>
<td>344.00</td>
<td>366.20</td>
<td>400.20</td>
</tr>
<tr>
<td>250</td>
<td></td>
<td>374.20</td>
<td>396.60</td>
<td>430.30</td>
</tr>
<tr>
<td>300</td>
<td></td>
<td>474.90</td>
<td>497.10</td>
<td>531.10</td>
</tr>
</tbody>
</table>

**SIDE VIEW**

**SECTION A - A**

<table>
<thead>
<tr>
<th>Diameter of Main A</th>
<th>Branch Depth B</th>
<th>Approx. Mass Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>125</td>
<td>249</td>
</tr>
<tr>
<td>375</td>
<td>125</td>
<td>277</td>
</tr>
<tr>
<td>450</td>
<td>125</td>
<td>365</td>
</tr>
<tr>
<td>size (mm)</td>
<td>reinforced CSA A257.2</td>
<td>max angle (degrees)</td>
</tr>
<tr>
<td>----------</td>
<td>----------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td></td>
<td>50-D</td>
<td>65-D</td>
</tr>
<tr>
<td>300</td>
<td>$512.00</td>
<td>$512.00</td>
</tr>
<tr>
<td>375</td>
<td>634.20</td>
<td>634.20</td>
</tr>
<tr>
<td>450</td>
<td>653.40</td>
<td>653.40</td>
</tr>
<tr>
<td>525</td>
<td>711.70</td>
<td>711.70</td>
</tr>
<tr>
<td>600</td>
<td>904.50</td>
<td>904.50</td>
</tr>
<tr>
<td>675</td>
<td>1,359.70</td>
<td>1,359.70</td>
</tr>
<tr>
<td>750</td>
<td>1,792.30</td>
<td>1,792.30</td>
</tr>
<tr>
<td>825</td>
<td>2,078.10</td>
<td>2,078.10</td>
</tr>
<tr>
<td>900</td>
<td>2,491.30</td>
<td>2,491.30</td>
</tr>
<tr>
<td>975</td>
<td>2,735.70</td>
<td>2,881.00</td>
</tr>
<tr>
<td>1050</td>
<td>3,132.40</td>
<td>3,290.40</td>
</tr>
<tr>
<td>1200</td>
<td>3,925.10</td>
<td>4,124.00</td>
</tr>
<tr>
<td>1350</td>
<td>5,051.10</td>
<td>5,301.10</td>
</tr>
<tr>
<td>1500</td>
<td>6,175.10</td>
<td>6,480.20</td>
</tr>
<tr>
<td>1650</td>
<td>7,396.60</td>
<td>7,771.10</td>
</tr>
<tr>
<td>1800</td>
<td>8,936.40</td>
<td>9,394.70</td>
</tr>
<tr>
<td>1950</td>
<td>10,365.30</td>
<td>10,893.20</td>
</tr>
<tr>
<td>2100</td>
<td>11,892.60</td>
<td>12,475.40</td>
</tr>
<tr>
<td>2250</td>
<td>13,516.50</td>
<td>14,196.00</td>
</tr>
<tr>
<td>2400</td>
<td>15,819.60</td>
<td>16,596.90</td>
</tr>
<tr>
<td>2550</td>
<td>17,817.50</td>
<td>18,691.90</td>
</tr>
<tr>
<td>2700</td>
<td>19,774.60</td>
<td>20,760.10</td>
</tr>
<tr>
<td>3000</td>
<td>24,214.90</td>
<td>25,436.40</td>
</tr>
<tr>
<td>size (mm)</td>
<td>price ($)</td>
<td>approximate mass (kg/pc)</td>
</tr>
<tr>
<td>----------</td>
<td>------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>plugs</td>
</tr>
<tr>
<td>300</td>
<td>$95.10</td>
<td>25</td>
</tr>
<tr>
<td>375</td>
<td>117.30</td>
<td>38</td>
</tr>
<tr>
<td>450</td>
<td>151.10</td>
<td>51</td>
</tr>
<tr>
<td>525</td>
<td>181.70</td>
<td>67</td>
</tr>
<tr>
<td>600</td>
<td>239.70</td>
<td>83</td>
</tr>
<tr>
<td>675</td>
<td>362.60</td>
<td>102</td>
</tr>
<tr>
<td>750</td>
<td>478.70</td>
<td>126</td>
</tr>
<tr>
<td>825</td>
<td>555.60</td>
<td>149</td>
</tr>
<tr>
<td>900</td>
<td>666.00</td>
<td>174</td>
</tr>
<tr>
<td>975</td>
<td>767.00</td>
<td>558</td>
</tr>
<tr>
<td>1050</td>
<td>877.60</td>
<td>898</td>
</tr>
<tr>
<td>1200</td>
<td>1,099.60</td>
<td>1,168</td>
</tr>
<tr>
<td>1350</td>
<td>1,412.60</td>
<td>1,454</td>
</tr>
<tr>
<td>1500</td>
<td>1,729.00</td>
<td>1,788</td>
</tr>
<tr>
<td>1650</td>
<td>2,071.10</td>
<td>2,156</td>
</tr>
<tr>
<td>1800</td>
<td>2,503.50</td>
<td>2,554</td>
</tr>
<tr>
<td>1950</td>
<td>2,903.10</td>
<td>2,994</td>
</tr>
<tr>
<td>2100</td>
<td>3,328.10</td>
<td>3,467</td>
</tr>
<tr>
<td>2250</td>
<td>3,785.50</td>
<td>3,973</td>
</tr>
<tr>
<td>2400</td>
<td>4,426.80</td>
<td>4,507</td>
</tr>
<tr>
<td>2550</td>
<td>4,987.30</td>
<td>5,088</td>
</tr>
<tr>
<td>2700</td>
<td>5,537.10</td>
<td>5,698</td>
</tr>
<tr>
<td>3000</td>
<td>6,783.10</td>
<td>6,971</td>
</tr>
</tbody>
</table>
## Elliptical Pipe - price per metre

<table>
<thead>
<tr>
<th>size rise x span (mm)</th>
<th>diameter (mm)</th>
<th>Equivalent</th>
<th>approx. mass (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>HE I</td>
<td>HE II</td>
</tr>
<tr>
<td>730 x 1150</td>
<td>900</td>
<td>$722.60</td>
<td>$763.10</td>
</tr>
<tr>
<td>855 x 1345</td>
<td>1050</td>
<td>884.60</td>
<td>925.40</td>
</tr>
<tr>
<td>975 x 1535</td>
<td>1200</td>
<td>1,087.10</td>
<td>1,136.60</td>
</tr>
<tr>
<td>1095 x 1730</td>
<td>1350</td>
<td>1,364.30</td>
<td>1,436.30</td>
</tr>
<tr>
<td>1220 x 1920</td>
<td>1500</td>
<td>1,626.30</td>
<td>1,710.50</td>
</tr>
<tr>
<td>1340 x 2110</td>
<td>1650</td>
<td>1,928.40</td>
<td>2,028.00</td>
</tr>
<tr>
<td>1465 x 2305</td>
<td>1800</td>
<td>2,320.80</td>
<td>2,433.00</td>
</tr>
<tr>
<td>1585 x 2495</td>
<td>1950</td>
<td>2,666.40</td>
<td>2,806.90</td>
</tr>
<tr>
<td>1705 x 2690</td>
<td>2100</td>
<td>3,040.40</td>
<td>3,199.30</td>
</tr>
<tr>
<td>1950 x 3070</td>
<td>2400</td>
<td>4,027.30</td>
<td>4,232.80</td>
</tr>
<tr>
<td>2195 x 3455</td>
<td>2700</td>
<td>4,769.10</td>
<td>5,011.70</td>
</tr>
</tbody>
</table>

**NOTES:**

1. **Unit Length** for all above sizes is 2.44m.
2. **Bends** - multiply the price per metre of the pipe by 5.0.
3. **Reducers and Increasers** - multiply the price per metre of the larger pipe by 6.0.
4. **Plugs and Caps** - multiply the price per metre of the HE IV pipe by 1.0.
5. **Maintenance Hole Tees** - multiply the price per metre of the pipe by 2.44 and add $4,472.50 for the 1200mm diameter riser stub.
6. **Tees and Wyes** - multiply the price per metre of the pipe by 2.44 and add the branch price from page 8. (For elliptical branches, use the equivalent diameter).
<table>
<thead>
<tr>
<th>nominal diameter ID</th>
<th>actual diameter ID</th>
<th>wt</th>
<th>bt</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>609.60</td>
<td>95.25</td>
<td>9.50</td>
<td>781.05</td>
<td>769.37</td>
<td>758.24</td>
<td>779.27</td>
</tr>
<tr>
<td>750</td>
<td>762.00</td>
<td>107.95</td>
<td>9.50</td>
<td>952.50</td>
<td>940.82</td>
<td>929.69</td>
<td>950.75</td>
</tr>
<tr>
<td>900</td>
<td>914.00</td>
<td>120.65</td>
<td>9.50</td>
<td>1132.84</td>
<td>1121.15</td>
<td>1110.03</td>
<td>1131.09</td>
</tr>
<tr>
<td>1050</td>
<td>1066.80</td>
<td>133.35</td>
<td>9.50</td>
<td>1300.78</td>
<td>1286.89</td>
<td>1275.77</td>
<td>1296.82</td>
</tr>
<tr>
<td>1200</td>
<td>1219.00</td>
<td>146.05</td>
<td>9.50</td>
<td>1479.30</td>
<td>1467.61</td>
<td>1456.49</td>
<td>1477.54</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Contact our engineering department for any sizes not shown.
2. All dimensions are in millimeters.
3. Grout ports and one way valves are available as required.
4. Steel end rings are zinc metallized, hot dip galvanized or epoxy coated.
5. Intermediate jacking stations are available when required.
6. Manufactured in accordance with CSA A257.2.
7. Standard lengths are 2.438m.

<table>
<thead>
<tr>
<th>nominal diameter i.d.</th>
<th>price per metre</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>$500.60</td>
</tr>
<tr>
<td>750</td>
<td>$775.50</td>
</tr>
<tr>
<td>900</td>
<td>$1,078.50</td>
</tr>
<tr>
<td>1050</td>
<td>$1,375.40</td>
</tr>
<tr>
<td>1200</td>
<td>$1,723.50</td>
</tr>
</tbody>
</table>
### Box Culvert Units - CHBDC truck - OPSS 1821

**Price per metre (non-gasketed joint)**

<table>
<thead>
<tr>
<th>size span x rise (mm)</th>
<th>price ($)</th>
<th>wall thickness (mm)</th>
<th>design earth cover (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approximate mass (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1800 x 900</td>
<td>$2,043.40</td>
<td>200</td>
<td>0.6 to 5.5</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,329</td>
</tr>
<tr>
<td>1800 x 1200</td>
<td>2,230.60</td>
<td>200</td>
<td>0.6 to 5.5</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,631</td>
</tr>
<tr>
<td>2400 x 1200</td>
<td>2,846.00</td>
<td>200</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,237</td>
</tr>
<tr>
<td>2400 x 1500</td>
<td>3,049.00</td>
<td>200</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,530</td>
</tr>
<tr>
<td>2400 x 1800</td>
<td>3,252.70</td>
<td>203</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,924</td>
</tr>
<tr>
<td>3000 x 1500</td>
<td>4,452.90</td>
<td>250</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>6,662</td>
</tr>
<tr>
<td>3000 x 1800</td>
<td>4,708.10</td>
<td>250</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>6,997</td>
</tr>
<tr>
<td>3000 x 2100</td>
<td>4,961.20</td>
<td>250</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,376</td>
</tr>
<tr>
<td>3000 x 2400</td>
<td>5,213.70</td>
<td>254</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,893</td>
</tr>
</tbody>
</table>

**Box Culvert Units - CHBDC truck - not in OPSS 1821**

**Price per metre (non-gasketed joint)**

<table>
<thead>
<tr>
<th>size span x rise (mm)</th>
<th>price ($)</th>
<th>wall thickness (mm)</th>
<th>design earth cover (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approximate mass (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1800 x 900</td>
<td>$2,571.40</td>
<td>200</td>
<td>0.6 to 5.5</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,329</td>
</tr>
<tr>
<td>1800 x 1200</td>
<td>2,797.50</td>
<td>200</td>
<td>0.6 to 5.5</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,631</td>
</tr>
<tr>
<td>2400 x 1200</td>
<td>3,577.60</td>
<td>200</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,237</td>
</tr>
<tr>
<td>2400 x 1500</td>
<td>3,863.00</td>
<td>200</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,530</td>
</tr>
<tr>
<td>2400 x 1800</td>
<td>4,070.80</td>
<td>203</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,924</td>
</tr>
<tr>
<td>3000 x 1500</td>
<td>5,476.30</td>
<td>250</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>6,662</td>
</tr>
<tr>
<td>3000 x 1800</td>
<td>5,705.80</td>
<td>250</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>6,997</td>
</tr>
<tr>
<td>3000 x 2100</td>
<td>6,003.30</td>
<td>250</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,376</td>
</tr>
<tr>
<td>3000 x 2400</td>
<td>6,303.60</td>
<td>254</td>
<td>0.6 to 3.6</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,893</td>
</tr>
</tbody>
</table>

**NOTES:**

1) Butyl Material - Add 5% to above price per metre.
2) Unit Length for all above sizes is 2.50m.
3) For Design Cover more than shown above, contact our engineering department.
4) Radius Box Units - add 15% to the price of straight box units.
5) Bends - multiply the price per metre by 5.0.
6) Bulkheads, Plugs and Caps - multiply the price per metre of the box unit by 1.0.
7) Bevelled or Sloped End Box Units - add 20% to the price of straight box units.
8) Flush End Box Units - add $798.40 to the price of the box unit.
9) Tees and Wyes:
   - Box Branch - multiply the price per metre of the main box unit by 6.0.
   - Pipe Branch - multiply the price per metre of the main box unit by 2.5 and add the branch price from page 8. (For elliptical branches, use the equivalent diameter).
10)Reducers and Increasers - multiply the price per metre of the larger box unit by 6.0.
11)Formed opening for 1200mm Maintenance Hole Riser - add $1,330.60 to the price of the box unit.
12)Scribed Holes - add $232.80 each.

Additional sizes available upon request. Please contact our engineering department or sales representative.
### Maximum Pipe Sizes for Maintenance Holes

**Canadian Made**

#### 3600mm NOTES:
- Max height riser is 1.829m.
- 2400mm inlet and outlet pipes can have a maximum invert difference of 75mm.
- The manhole will be built with a 450 sump for strength.

#### General NOTES:
1. All dimensions are for concrete pipe.
2. Knockouts for small diameter catchbasin leads (250 & 300) could be provided in addition to what is shown.
3. For additional maintenance hole configurations/combinations, please contact our engineering department.

<table>
<thead>
<tr>
<th>MH SIZE (mm)</th>
<th>Max. Pipe Size for Straight Through and Right Angles</th>
<th>MH SIZE (mm)</th>
<th>Max. Pipe Size for Straight Through and Right Angles</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td><img src="image1.png" alt="Diagram" /></td>
<td>2400</td>
<td><img src="image2.png" alt="Diagram" /></td>
</tr>
<tr>
<td>1500</td>
<td><img src="image3.png" alt="Diagram" /></td>
<td>3000</td>
<td><img src="image4.png" alt="Diagram" /></td>
</tr>
<tr>
<td>1800</td>
<td><img src="image5.png" alt="Diagram" /></td>
<td>3000</td>
<td><img src="image6.png" alt="Diagram" /></td>
</tr>
<tr>
<td>2400</td>
<td><img src="image7.png" alt="Diagram" /></td>
<td>3800</td>
<td><img src="image8.png" alt="Diagram" /></td>
</tr>
<tr>
<td>3000</td>
<td><img src="image9.png" alt="Diagram" /></td>
<td>3800</td>
<td><img src="image10.png" alt="Diagram" /></td>
</tr>
<tr>
<td>3600</td>
<td><img src="image11.png" alt="Diagram" /></td>
<td>3800</td>
<td><img src="image12.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>
### Maintenance Hole Estimating Tables

#### 1200 mm

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>from 0.86 to 1.00</td>
<td>$1,685</td>
</tr>
<tr>
<td>from 1.01 to 1.15</td>
<td>$1,806</td>
</tr>
<tr>
<td>from 1.16 to 1.30</td>
<td>$1,928</td>
</tr>
<tr>
<td>from 1.31 to 1.46</td>
<td>$2,048</td>
</tr>
<tr>
<td>from 1.47 to 1.61</td>
<td>$2,170</td>
</tr>
<tr>
<td>from 1.62 to 1.76</td>
<td>$2,290</td>
</tr>
<tr>
<td>from 1.77 to 1.91</td>
<td>$2,412</td>
</tr>
<tr>
<td>from 1.92 to 2.07</td>
<td>$2,530</td>
</tr>
<tr>
<td>from 2.08 to 2.22</td>
<td>$2,652</td>
</tr>
<tr>
<td>from 2.23 to 2.32</td>
<td>$2,773</td>
</tr>
<tr>
<td>from 2.33 to 2.47</td>
<td>$2,894</td>
</tr>
<tr>
<td>from 2.48 to 2.62</td>
<td>$3,012</td>
</tr>
<tr>
<td>from 2.63 to 2.78</td>
<td>$3,130</td>
</tr>
<tr>
<td>from 2.79 to 2.93</td>
<td>$3,247</td>
</tr>
<tr>
<td>from 2.94 to 3.08</td>
<td>$3,360</td>
</tr>
<tr>
<td>from 3.09 to 3.23</td>
<td>$3,481</td>
</tr>
<tr>
<td>from 3.24 to 3.39</td>
<td>$3,592</td>
</tr>
<tr>
<td>from 3.40 to 3.54</td>
<td>$3,713</td>
</tr>
<tr>
<td>from 3.55 to 3.69</td>
<td>$3,834</td>
</tr>
<tr>
<td>from 3.70 to 3.84</td>
<td>$3,952</td>
</tr>
<tr>
<td>from 3.85 to 4.00</td>
<td>$4,070</td>
</tr>
<tr>
<td>from 4.01 to 4.15</td>
<td>$4,188</td>
</tr>
<tr>
<td>from 4.16 to 4.30</td>
<td>$4,304</td>
</tr>
<tr>
<td>from 4.31 to 4.45</td>
<td>$4,420</td>
</tr>
<tr>
<td>from 4.46 to 4.61</td>
<td>$4,536</td>
</tr>
<tr>
<td>from 4.62 to 4.76</td>
<td>$4,652</td>
</tr>
<tr>
<td>from 4.77 to 4.91</td>
<td>$4,768</td>
</tr>
<tr>
<td>from 4.92 to 5.06</td>
<td>$4,884</td>
</tr>
<tr>
<td>from 5.07 to 5.22</td>
<td>$4,999</td>
</tr>
<tr>
<td>from 5.23 to 5.37</td>
<td>$5,114</td>
</tr>
<tr>
<td>from 5.38 to 5.52</td>
<td>$5,229</td>
</tr>
<tr>
<td>from 5.53 to 5.67</td>
<td>$5,344</td>
</tr>
<tr>
<td>from 5.68 to 5.82</td>
<td>$5,459</td>
</tr>
<tr>
<td>from 5.83 to 5.98</td>
<td>$5,574</td>
</tr>
<tr>
<td>from 5.99 to 6.13</td>
<td>$5,689</td>
</tr>
<tr>
<td>from 6.14 to 6.28</td>
<td>$5,805</td>
</tr>
<tr>
<td>from 6.29 to 6.44</td>
<td>$5,920</td>
</tr>
</tbody>
</table>

#### 1500 mm

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>from 1.25 to 1.54</td>
<td>$3,744</td>
</tr>
<tr>
<td>from 1.55 to 1.69</td>
<td>$4,110</td>
</tr>
<tr>
<td>from 1.70 to 1.85</td>
<td>$4,297</td>
</tr>
<tr>
<td>from 1.85 to 1.99</td>
<td>$4,484</td>
</tr>
<tr>
<td>from 2.00 to 2.14</td>
<td>$4,663</td>
</tr>
<tr>
<td>from 2.15 to 2.30</td>
<td>$4,843</td>
</tr>
<tr>
<td>from 2.31 to 2.45</td>
<td>$5,028</td>
</tr>
<tr>
<td>from 2.46 to 2.65</td>
<td>$5,209</td>
</tr>
<tr>
<td>from 2.66 to 2.80</td>
<td>$5,482</td>
</tr>
<tr>
<td>from 2.81 to 2.96</td>
<td>$5,664</td>
</tr>
<tr>
<td>from 2.97 to 3.11</td>
<td>$5,846</td>
</tr>
<tr>
<td>from 3.12 to 3.26</td>
<td>$6,028</td>
</tr>
<tr>
<td>from 3.27 to 3.41</td>
<td>$6,209</td>
</tr>
<tr>
<td>from 3.42 to 3.57</td>
<td>$6,390</td>
</tr>
<tr>
<td>from 3.58 to 3.72</td>
<td>$6,571</td>
</tr>
<tr>
<td>from 3.68 to 3.82</td>
<td>$6,753</td>
</tr>
<tr>
<td>from 3.83 to 3.97</td>
<td>$6,934</td>
</tr>
<tr>
<td>from 3.98 to 4.12</td>
<td>$7,116</td>
</tr>
<tr>
<td>from 4.13 to 4.27</td>
<td>$7,296</td>
</tr>
<tr>
<td>from 4.29 to 4.43</td>
<td>$7,476</td>
</tr>
<tr>
<td>from 4.44 to 4.58</td>
<td>$7,657</td>
</tr>
<tr>
<td>from 4.59 to 4.73</td>
<td>$7,837</td>
</tr>
<tr>
<td>from 4.74 to 4.89</td>
<td>$8,017</td>
</tr>
<tr>
<td>from 4.90 to 5.04</td>
<td>$8,197</td>
</tr>
<tr>
<td>from 5.05 to 5.19</td>
<td>$8,378</td>
</tr>
<tr>
<td>from 5.20 to 5.34</td>
<td>$8,558</td>
</tr>
<tr>
<td>from 5.35 to 5.50</td>
<td>$8,738</td>
</tr>
<tr>
<td>from 5.51 to 5.65</td>
<td>$8,918</td>
</tr>
<tr>
<td>from 5.66 to 5.80</td>
<td>$9,097</td>
</tr>
<tr>
<td>from 5.81 to 5.95</td>
<td>$9,277</td>
</tr>
<tr>
<td>from 5.96 to 6.11</td>
<td>$9,457</td>
</tr>
<tr>
<td>from 6.12 to 6.25</td>
<td>$9,637</td>
</tr>
<tr>
<td>from 6.26 to 6.41</td>
<td>$9,817</td>
</tr>
<tr>
<td>from 6.42 to 6.56</td>
<td>$9,998</td>
</tr>
<tr>
<td>from 6.57 to 6.72</td>
<td>$10,178</td>
</tr>
<tr>
<td>from 6.73 to 6.87</td>
<td>$10,358</td>
</tr>
<tr>
<td>from 6.88 to 7.03</td>
<td>$10,541</td>
</tr>
</tbody>
</table>

#### 1800 mm

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>from 1.82 to 1.97</td>
<td>$5,927</td>
</tr>
<tr>
<td>from 1.98 to 2.12</td>
<td>$6,448</td>
</tr>
<tr>
<td>from 2.13 to 2.27</td>
<td>$6,967</td>
</tr>
<tr>
<td>from 2.28 to 2.42</td>
<td>$7,486</td>
</tr>
<tr>
<td>from 2.43 to 2.58</td>
<td>$8,007</td>
</tr>
<tr>
<td>from 2.59 to 2.63</td>
<td>$8,527</td>
</tr>
<tr>
<td>from 2.64 to 2.78</td>
<td>$9,047</td>
</tr>
<tr>
<td>from 2.79 to 2.93</td>
<td>$9,567</td>
</tr>
<tr>
<td>from 2.94 to 3.08</td>
<td>$10,087</td>
</tr>
<tr>
<td>from 3.09 to 3.24</td>
<td>$10,607</td>
</tr>
<tr>
<td>from 3.25 to 3.39</td>
<td>$11,127</td>
</tr>
<tr>
<td>from 3.35 to 3.54</td>
<td>$11,647</td>
</tr>
<tr>
<td>from 3.55 to 3.64</td>
<td>$12,167</td>
</tr>
<tr>
<td>from 3.65 to 3.79</td>
<td>$12,687</td>
</tr>
<tr>
<td>from 3.80 to 3.95</td>
<td>$13,207</td>
</tr>
<tr>
<td>from 3.96 to 4.10</td>
<td>$13,727</td>
</tr>
<tr>
<td>from 4.11 to 4.25</td>
<td>$14,247</td>
</tr>
<tr>
<td>from 4.26 to 4.40</td>
<td>$14,767</td>
</tr>
<tr>
<td>from 4.41 to 4.56</td>
<td>$15,287</td>
</tr>
<tr>
<td>from 4.57 to 4.71</td>
<td>$15,807</td>
</tr>
<tr>
<td>from 4.72 to 4.86</td>
<td>$16,327</td>
</tr>
<tr>
<td>from 4.87 to 5.01</td>
<td>$16,847</td>
</tr>
<tr>
<td>from 5.02 to 5.17</td>
<td>$17,367</td>
</tr>
<tr>
<td>from 5.18 to 5.32</td>
<td>$17,887</td>
</tr>
<tr>
<td>from 5.33 to 5.47</td>
<td>$18,407</td>
</tr>
<tr>
<td>from 5.48 to 5.62</td>
<td>$18,927</td>
</tr>
<tr>
<td>from 5.64 to 5.78</td>
<td>$19,447</td>
</tr>
<tr>
<td>from 5.79 to 5.93</td>
<td>$19,967</td>
</tr>
<tr>
<td>from 5.94 to 6.08</td>
<td>$20,487</td>
</tr>
<tr>
<td>from 6.09 to 6.24</td>
<td>$20,967</td>
</tr>
<tr>
<td>from 6.25 to 6.39</td>
<td>$21,487</td>
</tr>
<tr>
<td>from 6.40 to 6.54</td>
<td>$21,987</td>
</tr>
<tr>
<td>from 6.55 to 6.69</td>
<td>$22,487</td>
</tr>
<tr>
<td>from 6.70 to 6.85</td>
<td>$22,987</td>
</tr>
<tr>
<td>from 6.86 to 7.00</td>
<td>$23,487</td>
</tr>
<tr>
<td>from 7.01 to 7.15</td>
<td>$23,987</td>
</tr>
<tr>
<td>from 7.16 to 7.30</td>
<td>$24,487</td>
</tr>
</tbody>
</table>

See page 17 for important notes pertaining to the tables.

Based on 150mm sump

Based on 200mm sump

Based on 250mm sump
Transition MHs - see note*

<table>
<thead>
<tr>
<th>depth (m)</th>
<th>price $</th>
</tr>
</thead>
<tbody>
<tr>
<td>from</td>
<td>to</td>
</tr>
<tr>
<td>1.46</td>
<td>1.75</td>
</tr>
<tr>
<td>1.76</td>
<td>2.06</td>
</tr>
<tr>
<td>2.07</td>
<td>2.36</td>
</tr>
<tr>
<td>2.37</td>
<td>2.67</td>
</tr>
<tr>
<td>2.68</td>
<td>2.87</td>
</tr>
<tr>
<td>2.88</td>
<td>3.18</td>
</tr>
<tr>
<td>3.19</td>
<td>3.48</td>
</tr>
<tr>
<td>3.49</td>
<td>3.79</td>
</tr>
<tr>
<td>3.80</td>
<td>4.09</td>
</tr>
<tr>
<td>4.10</td>
<td>4.20</td>
</tr>
<tr>
<td>4.21</td>
<td>4.50</td>
</tr>
<tr>
<td>4.51</td>
<td>4.80</td>
</tr>
<tr>
<td>4.81</td>
<td>5.11</td>
</tr>
<tr>
<td>5.12</td>
<td>5.41</td>
</tr>
<tr>
<td>5.42</td>
<td>5.72</td>
</tr>
<tr>
<td>5.73</td>
<td>6.02</td>
</tr>
<tr>
<td>6.03</td>
<td>6.33</td>
</tr>
<tr>
<td>6.34</td>
<td>6.63</td>
</tr>
<tr>
<td>6.64</td>
<td>6.93</td>
</tr>
<tr>
<td>6.94</td>
<td>7.24</td>
</tr>
<tr>
<td>7.25</td>
<td>7.54</td>
</tr>
<tr>
<td>7.55</td>
<td>7.84</td>
</tr>
</tbody>
</table>

Non-transition MHs with flat caps of same diameter as bottom chamber

<table>
<thead>
<tr>
<th>depth (m)</th>
<th>price $</th>
</tr>
</thead>
<tbody>
<tr>
<td>from</td>
<td>to</td>
</tr>
<tr>
<td>1200mm</td>
<td>$ 791.80 per metre of depth + $ 1,238.00</td>
</tr>
<tr>
<td>1500mm</td>
<td>$ 1,200.00 per metre of depth + $ 2,466.70</td>
</tr>
<tr>
<td>1800mm</td>
<td>$ 1,706.30 per metre of depth + $ 3,326.60</td>
</tr>
<tr>
<td>2400mm</td>
<td>$ 3,042.00 per metre of depth + $ 6,591.90</td>
</tr>
</tbody>
</table>

*Note regarding transitions:
The table on page 15, and those on page 16, are based on transition to 1200mm diameter at 1.8m headroom for 1500mm and 1800mm MHs and at 2.4m headroom for 2400mm MHs. Please verify that all pipes will fit, and that there are no requirements for special flat caps before using these tables.

For non-transition MHs, use the formulas above.

1. Depth = Finished grade to lowest invert, in metres.
2. Prices are calculated based on the most common applications and will vary, depending on pipe size, material, elevation, specified sumps or headroom, height or weight restrictions, and other factors that may affect the choice of components.
3. Prices include standard precast concrete components, c/w steps, gaskets and pipe openings. The following are NOT INCLUDED: castings, grade adjustment units, Kor-N-Seal, pre-benching, precast drop structures, safety grates, or any other accessories and special treatments. TAXES, when applicable, are EXTRA.
4. Safety landing included at 5m and greater depths.
5. Prices are subject to change without notice. TERMS AND CONDITIONS OF SALE as per inside cover.
## Circular Maintenance Holes and Utility Chambers

**prices include rubber gaskets**

<table>
<thead>
<tr>
<th>1200mm</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tapered Top</td>
<td>1.320</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,900 / pc</td>
<td>$1,086.40 / pc</td>
</tr>
<tr>
<td>Flat Cap</td>
<td>0.305</td>
<td>2</td>
<td>4 Tonne</td>
<td>720 / pc</td>
<td>619.00 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.305 - 1.829</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,340 / m</td>
<td>791.80 / m</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.203</td>
<td>1</td>
<td>4 Tonne</td>
<td>770 / pc</td>
<td>619.00 / pc</td>
</tr>
<tr>
<td>Monolithic Bases</td>
<td>0.457</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,375 / pc</td>
<td>1,067.50 / pc</td>
</tr>
<tr>
<td></td>
<td>0.610</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,576 / pc</td>
<td>1,187.80 / pc</td>
</tr>
<tr>
<td></td>
<td>0.762</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,779 / pc</td>
<td>1,308.10 / pc</td>
</tr>
<tr>
<td></td>
<td>0.914</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,900 / pc</td>
<td>1,428.40 / pc</td>
</tr>
<tr>
<td></td>
<td>1.219</td>
<td>2</td>
<td>4 Tonne</td>
<td>2,304 / pc</td>
<td>1,669.10 / pc</td>
</tr>
<tr>
<td></td>
<td>1.372</td>
<td>2</td>
<td>4 Tonne</td>
<td>2,587 / pc</td>
<td>1,789.40 / pc</td>
</tr>
<tr>
<td>Safety Grate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,483.50 / pc</td>
</tr>
<tr>
<td>Pre-Benching</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>630 / pc</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1500mm</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.430</td>
<td>3</td>
<td>4 Tonne</td>
<td>1,810 / pc</td>
<td>$1,233.40 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.305 - 1.829</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,927 / m</td>
<td>1,200.00 / m</td>
</tr>
<tr>
<td>Tapered Transition Section</td>
<td>0.610</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,560 / pc</td>
<td>1,233.40 / pc</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.430</td>
<td>2</td>
<td>4 Tonne</td>
<td>1,090 / pc</td>
<td>1,233.40 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>1</td>
<td>4 Tonne</td>
<td>1,770 / pc</td>
<td>1,233.40 / pc</td>
</tr>
<tr>
<td>Monolithic Bases</td>
<td>1.219</td>
<td>2</td>
<td>4 Tonne</td>
<td>3,707 / pc</td>
<td>3,061.00 / pc</td>
</tr>
<tr>
<td></td>
<td>1.372</td>
<td>2</td>
<td>4 Tonne</td>
<td>4,149 / pc</td>
<td>3,243.20 / pc</td>
</tr>
<tr>
<td></td>
<td>1.524</td>
<td>2</td>
<td>4 Tonne</td>
<td>4,451 / pc</td>
<td>3,425.80 / pc</td>
</tr>
<tr>
<td></td>
<td>1.676</td>
<td>2</td>
<td>4 Tonne</td>
<td>4,753 / pc</td>
<td>3,608.10 / pc</td>
</tr>
<tr>
<td>Safety Grate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,088.80 / pc</td>
</tr>
<tr>
<td>Pre-Benching</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,200 / pc</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Above prices are for maintenance holes manufactured to Ontario Provincial Standards. Contact our engineering department for the price of special designs.
<table>
<thead>
<tr>
<th></th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1800mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat Cap</td>
<td>0.430</td>
<td>3</td>
<td>4 Tonne</td>
<td>2,720 / pc</td>
<td>$1,663.30 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.438</td>
<td>2</td>
<td>4 Tonne</td>
<td>2,695 / m</td>
<td>1,706.30 / m</td>
</tr>
<tr>
<td>Tapered Transition Section</td>
<td>0.610</td>
<td>2</td>
<td>4 Tonne</td>
<td>2,720 / pc</td>
<td>1,663.30 / pc</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.430</td>
<td>2</td>
<td>4 Tonne</td>
<td>2,000 / pc</td>
<td>1,663.30 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>1</td>
<td>4 Tonne</td>
<td>2,630 / pc</td>
<td>1,663.30 / pc</td>
</tr>
<tr>
<td>Safety Grate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,710.40 / pc</td>
</tr>
<tr>
<td><strong>2400mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat Cap</td>
<td>0.430</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,980 / pc</td>
<td>$3,296.00 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.438</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,598 / m</td>
<td>3,042.00 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.430</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,210 / pc</td>
<td>3,296.00 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,620 / pc</td>
<td>3,296.00 / pc</td>
</tr>
<tr>
<td>Safety Grate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4,238.30 / pc</td>
</tr>
<tr>
<td><strong>3000mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat Cap</td>
<td>0.450</td>
<td>4</td>
<td>8 Tonne</td>
<td>8,142 / pc</td>
<td>$5,550.70 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.438</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,043 / m</td>
<td>4,758.90 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.450</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,258 / pc</td>
<td>5,550.70 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>8,255 / pc</td>
<td>5,550.70 / pc</td>
</tr>
<tr>
<td>Safety Grate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>on request</td>
</tr>
<tr>
<td><strong>3600mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat Cap</td>
<td>0.450</td>
<td>4</td>
<td>8 Tonne</td>
<td>10,500 / pc</td>
<td>$9,801.80 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 1.829</td>
<td>4</td>
<td>8 Tonne</td>
<td>11,042 / m</td>
<td>10,371.30 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.450</td>
<td>4</td>
<td>8 Tonne</td>
<td>10,500 / pc</td>
<td>9,801.80 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>10,500 / pc</td>
<td>9,801.80 / pc</td>
</tr>
<tr>
<td>Safety Grate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>on request</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Above prices are for maintenance holes manufactured to Ontario Provincial Standards. Contact our engineering department for the price of special designs.
## Flexible Pipe-To-Maintenance Hole Connectors

### PVC pipe

<table>
<thead>
<tr>
<th>pipe diameter (mm)</th>
<th>Price ($/pc)</th>
<th>Kor-N-Seal No.</th>
<th>concrete pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>$218.10</td>
<td>S106-7T</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>218.10</td>
<td>S106-8T</td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>218.10</td>
<td>S406-12C</td>
<td>$218.10</td>
</tr>
<tr>
<td>200</td>
<td>218.10</td>
<td>S406-12A</td>
<td>218.10</td>
</tr>
<tr>
<td>250</td>
<td>284.70</td>
<td>S106-14A</td>
<td>284.70</td>
</tr>
<tr>
<td>300</td>
<td>284.70</td>
<td>S106-16A</td>
<td>372.20</td>
</tr>
<tr>
<td>375</td>
<td>372.20</td>
<td>S106-20B</td>
<td>447.40</td>
</tr>
<tr>
<td>450</td>
<td>447.40</td>
<td>S206-24A</td>
<td>566.10</td>
</tr>
<tr>
<td>525</td>
<td>566.10</td>
<td>S206-26</td>
<td>668.30</td>
</tr>
<tr>
<td>600</td>
<td>633.30</td>
<td>S206-28</td>
<td>792.30</td>
</tr>
</tbody>
</table>

### catch basins / ditch inlets

<table>
<thead>
<tr>
<th>size (mm)</th>
<th>description</th>
<th>height (m)</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 x 600</td>
<td>Catch Basin - 115mm wall</td>
<td>0.762 - 1.981</td>
<td>940 / m</td>
<td>$518.50 / m</td>
</tr>
<tr>
<td>600 x 600</td>
<td>Catch Basin - 150mm wall</td>
<td>0.914 - 1.981</td>
<td>1,220 / m</td>
<td>700.90 / m</td>
</tr>
<tr>
<td>600 x 600</td>
<td>Ditch Inlet Catch Basin - 150 mm wall</td>
<td>0.914 - 1.981</td>
<td>1,220 / m</td>
<td>774.60 / m</td>
</tr>
<tr>
<td>600 x 1200</td>
<td>Ditch Inlet Catch Basin - 150 mm wall</td>
<td>0.457 - 1.219</td>
<td>1,785 / m</td>
<td>1,202.40 / m</td>
</tr>
<tr>
<td>600 x 840</td>
<td>Curb Inlet Catch Basin - 115 mm wall</td>
<td>1.067 - 1.981</td>
<td>1,060 / m</td>
<td>820.30 / m</td>
</tr>
<tr>
<td>600 x 1450</td>
<td>Twin Inlet Catch Basin - 115 mm wall</td>
<td>0.914 - 1.829</td>
<td>1,640 / m</td>
<td>1,006.20 / m</td>
</tr>
</tbody>
</table>

### NOTES:
1. **Catch Basin Risers** are available at the price per metre of applicable Catch Basin item.
2. All Catch Basin and Ditch Inlet units have 2 Anchors and require 4 Tonne Swift Lift.
3. Price of Ditch Inlet includes 1 pair of Ditch Inlet Fasteners installed.
4. Clarington Sub drain adaptor $24.10/each.
5. Any additional modifications made to CB’s please contact our engineering department for pricing.
### Grade Adjustment Units

<table>
<thead>
<tr>
<th>description</th>
<th>thickness (mm)</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Hole Adjuster</td>
<td>50</td>
<td>52</td>
<td>$48.00 / pc</td>
</tr>
<tr>
<td>Maintenance Hole Adjuster</td>
<td>75</td>
<td>75</td>
<td>50.90 / pc</td>
</tr>
<tr>
<td>Maintenance Hole Adjuster c/w Step</td>
<td>75</td>
<td>75</td>
<td>74.80 / pc</td>
</tr>
<tr>
<td>Maintenance Hole Adjuster</td>
<td>150</td>
<td>215</td>
<td>176.30 / pc</td>
</tr>
<tr>
<td>Maintenance Hole Grade Ring c/w Step</td>
<td>305</td>
<td>430</td>
<td>225.80 / pc</td>
</tr>
<tr>
<td>Catch Basin Adjuster</td>
<td>50</td>
<td>36</td>
<td>45.50 / pc</td>
</tr>
<tr>
<td>Catch Basin Adjuster</td>
<td>75</td>
<td>51</td>
<td>48.20 / pc</td>
</tr>
<tr>
<td>Catch Basin Adjuster</td>
<td>150</td>
<td>141</td>
<td>116.70 / pc</td>
</tr>
<tr>
<td>Modutape (40 Rolls per Case)</td>
<td></td>
<td></td>
<td>17.00 / roll</td>
</tr>
</tbody>
</table>

### miscellaneous accessories

<table>
<thead>
<tr>
<th>description</th>
<th>type</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Hole Frames and Covers</td>
<td></td>
<td>$691.70 / pc</td>
</tr>
<tr>
<td>Catch Basin Frames and Grates</td>
<td>Flat, Dished or V-type</td>
<td>716.10 / pc</td>
</tr>
<tr>
<td></td>
<td>Type A</td>
<td>617.10 / pc</td>
</tr>
<tr>
<td></td>
<td>Type B</td>
<td>908.20 / pc</td>
</tr>
<tr>
<td></td>
<td>Type C</td>
<td>997.10 / pc</td>
</tr>
<tr>
<td>Ditch Inlet Grates</td>
<td>4 Tonne</td>
<td>428.60 / pc</td>
</tr>
<tr>
<td></td>
<td>8 Tonne</td>
<td>806.60 / pc</td>
</tr>
<tr>
<td>Swift Lift Lifting Eyes</td>
<td>4 Tonne</td>
<td>428.60 / pc</td>
</tr>
<tr>
<td></td>
<td>8 Tonne</td>
<td>806.60 / pc</td>
</tr>
<tr>
<td>Shims</td>
<td>70 Pieces per Bag</td>
<td>118.00 / bag</td>
</tr>
<tr>
<td>Maintenance Hole Safety Steps</td>
<td>Hollow Aluminum</td>
<td>28.10 / pc</td>
</tr>
<tr>
<td>Maintenance Hole Safety Steps</td>
<td>Solid Aluminum</td>
<td>40.50 / pc</td>
</tr>
<tr>
<td>Engineering Surcharge</td>
<td></td>
<td>700.00 / ea</td>
</tr>
<tr>
<td>Non-standard Openings</td>
<td></td>
<td>700.00 / ea</td>
</tr>
<tr>
<td>Hatch Installation</td>
<td></td>
<td>700.00 / ea</td>
</tr>
<tr>
<td>Goss Trap c/w Plug</td>
<td></td>
<td>723.90 / pc</td>
</tr>
</tbody>
</table>
Rectangular Maintenance Holes and Utility Chambers

Butyl tape, hydrophilic gasket and waterproofing membranes are extra where required. Rectangular maintenance holes are based on 4.0m depth. For depths greater please contact our engineering department.

### 1200 x 1200mm

<table>
<thead>
<tr>
<th>Height (m)</th>
<th>No. of Anchors</th>
<th>Swift Lift</th>
<th>Approx. Mass (kg)</th>
<th>Price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.229</td>
<td>4</td>
<td>4 Tonne</td>
<td>1,706 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.134</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,249 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.305</td>
<td>4</td>
<td>4 Tonne</td>
<td>1,706 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.229</td>
<td>4</td>
<td>4 Tonne</td>
<td>1,706 / pc</td>
</tr>
<tr>
<td>*Monobase/Monotop</td>
<td>0.610</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,560 / pc</td>
</tr>
<tr>
<td></td>
<td>0.914</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,548 / pc</td>
</tr>
<tr>
<td></td>
<td>1.219</td>
<td>4</td>
<td>4 Tonne</td>
<td>5,539 / pc</td>
</tr>
<tr>
<td></td>
<td>1.524</td>
<td>4</td>
<td>4 Tonne</td>
<td>6,530 / pc</td>
</tr>
<tr>
<td></td>
<td>1.829</td>
<td>4</td>
<td>4 Tonne</td>
<td>7,521 / pc</td>
</tr>
</tbody>
</table>

### 1800 x 1500mm

<table>
<thead>
<tr>
<th>Height (m)</th>
<th>No. of Anchors</th>
<th>Swift Lift</th>
<th>Approx. Mass (kg)</th>
<th>Price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.229</td>
<td>4</td>
<td>4 Tonne</td>
<td>2,750 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.134</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,277 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.305</td>
<td>4</td>
<td>4 Tonne</td>
<td>2,750 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.229</td>
<td>4</td>
<td>4 Tonne</td>
<td>2,750 / pc</td>
</tr>
<tr>
<td>*Monobase/Monotop</td>
<td>0.610</td>
<td>4</td>
<td>4 Tonne</td>
<td>5,152 / pc</td>
</tr>
<tr>
<td></td>
<td>0.914</td>
<td>4</td>
<td>4 Tonne</td>
<td>6,452 / pc</td>
</tr>
<tr>
<td></td>
<td>1.219</td>
<td>4</td>
<td>4 Tonne</td>
<td>7,756 / pc</td>
</tr>
<tr>
<td></td>
<td>1.524</td>
<td>4</td>
<td>4 Tonne</td>
<td>9,060 / pc</td>
</tr>
<tr>
<td></td>
<td>1.829</td>
<td>4</td>
<td>4 Tonne</td>
<td>10,365 / pc</td>
</tr>
</tbody>
</table>
Butyl tape, hydrophilic gasket and waterproofing membranes are extra where required. Rectangular maintenance holes are based on 4.0m depth. For depths greater please contact our engineering department.

### Rectangular Maintenance Holes and Utility Chambers

<table>
<thead>
<tr>
<th>2400 x 1800mm</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.362</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,075 / pc</td>
<td>$2,950.00 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.500</td>
<td>4</td>
<td>4 Tonne</td>
<td>4,762 / m</td>
<td>3,350.20 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.362</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,519 / pc</td>
<td>2,950.00 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.254</td>
<td>4</td>
<td>4 Tonne</td>
<td>3,796 / pc</td>
<td>2,950.00 / pc</td>
</tr>
</tbody>
</table>

### 2400 x 2400mm

| Flat Cap             | 0.254     | 4             | 8 Tonne    | 5,219 / pc        | $4,297.30 / pc   |
| Riser Section        | 0.610 - 2.134 | 4               | 8 Tonne    | 5,985 / m         | 5,530.80 / m     |
| Transition Slab      | 0.305     | 4             | 8 Tonne    | 5,219 / pc        | 4,297.30 / pc     |
| Base Slab            | 0.254     | 4             | 8 Tonne    | 5,219 / pc        | 4,297.30 / pc     |
| *Monobase/Monotop    | 0.610     | 4             | 8 Tonne    | 8,870 / pc        | 7,366.90 / pc    |
| 0.914                | 4         | 8 Tonne       | 10,690 / pc | 9,048.00 / pc   |
| 1.219                | 4         | 8 Tonne       | 12,515 / pc | 10,735.10 / pc |
| 1.524                | 4         | 8 Tonne       | 14,341 / pc | 12,422.00 / pc  |
| 1.829                | 4         | 8 Tonne       | 16,166 / pc | 14,108.90 / pc  |

*Height is measured from top of base to bottom of joint.
Butyl tape, hydrophilic gasket and waterproofing membranes are extra where required. Rectangular maintenance holes are based on 4.0m depth. For depths greater please contact our engineering department.

<table>
<thead>
<tr>
<th>3000 x 2400mm</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.362</td>
<td>4</td>
<td>8 Tonne</td>
<td>6,555 / pc</td>
<td>$5,204.20 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.500</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,633 / m</td>
<td>5,381.60 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.362</td>
<td>4</td>
<td>8 Tonne</td>
<td>5,997 / pc</td>
<td>5,204.20 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.254</td>
<td>4</td>
<td>8 Tonne</td>
<td>6,010 / pc</td>
<td>5,204.20 / pc</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3000 x 3000mm</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>9,185 / pc</td>
<td>$7,088.60 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.134</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,354 / m</td>
<td>8,346.80 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>9,185 / pc</td>
<td>7,088.60 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>9,185 / pc</td>
<td>7,088.60 / pc</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>*Monobase/Monotop</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.610</td>
<td>4</td>
<td>8 Tonne</td>
<td>13,671 / pc</td>
<td>11,720.90 / pc</td>
<td></td>
</tr>
<tr>
<td>0.914</td>
<td>4</td>
<td>8 Tonne</td>
<td>15,907 / pc</td>
<td>14,258.20 / pc</td>
<td></td>
</tr>
<tr>
<td>1.219</td>
<td>4</td>
<td>8 Tonne</td>
<td>18,150 / pc</td>
<td>16,804.00 / pc</td>
<td></td>
</tr>
<tr>
<td>1.524</td>
<td>4</td>
<td>8 Tonne</td>
<td>20,393 / pc</td>
<td>19,349.70 / pc</td>
<td></td>
</tr>
<tr>
<td>1.829</td>
<td>4</td>
<td>8 Tonne</td>
<td>22,636 / pc</td>
<td>21,895.50 / pc</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3800 x 2400mm</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>9,236 / pc</td>
<td>$7,272.70 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.134</td>
<td>4</td>
<td>8 Tonne</td>
<td>7,525 / m</td>
<td>8,706.60 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>9,236 / pc</td>
<td>7,272.70 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>9,236 / pc</td>
<td>7,272.70 / pc</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>*Monobase/Monotop</th>
<th>height (m)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.610</td>
<td>4</td>
<td>8 Tonne</td>
<td>13,826 / pc</td>
<td>12,104.80 / pc</td>
<td></td>
</tr>
<tr>
<td>0.914</td>
<td>4</td>
<td>8 Tonne</td>
<td>16,114 / pc</td>
<td>14,751.70 / pc</td>
<td></td>
</tr>
<tr>
<td>1.219</td>
<td>4</td>
<td>8 Tonne</td>
<td>18,409 / pc</td>
<td>17,407.20 / pc</td>
<td></td>
</tr>
<tr>
<td>1.524</td>
<td>4</td>
<td>8 Tonne</td>
<td>20,704 / pc</td>
<td>20,062.50 / pc</td>
<td></td>
</tr>
<tr>
<td>1.829</td>
<td>4</td>
<td>8 Tonne</td>
<td>22,999 / pc</td>
<td>22,718.10 / pc</td>
<td></td>
</tr>
</tbody>
</table>
Butyl tape, hydrophilic gasket and waterproofing membranes are extra where required. Rectangular maintenance holes are based on 4.0m depth. For depths greater please contact our engineering department.

### 3800 x 3000mm

<table>
<thead>
<tr>
<th>Product</th>
<th>Height (m)</th>
<th>No. of Anchors</th>
<th>Lift</th>
<th>Approx. Mass (kg)</th>
<th>Price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>11,182 / pc</td>
<td>$9,211.50 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.134</td>
<td>4</td>
<td>8 Tonne</td>
<td>8,209 / m</td>
<td>11,218.90 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>11,182 / pc</td>
<td>9,211.50 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>11,182 / pc</td>
<td>9,211.50 / pc</td>
</tr>
<tr>
<td>*Monobase/Monotop</td>
<td>0.610</td>
<td>4</td>
<td>8 Tonne</td>
<td>16,189 / pc</td>
<td>15,437.80 / pc</td>
</tr>
<tr>
<td></td>
<td>0.914</td>
<td>4</td>
<td>8 Tonne</td>
<td>18,685 / pc</td>
<td>18,848.30 / pc</td>
</tr>
<tr>
<td></td>
<td>1.219</td>
<td>4</td>
<td>8 Tonne</td>
<td>21,189 / pc</td>
<td>22,269.90 / pc</td>
</tr>
<tr>
<td></td>
<td>1.524</td>
<td>4</td>
<td>8 Tonne</td>
<td>23,693 / pc</td>
<td>25,691.70 / pc</td>
</tr>
</tbody>
</table>

### 3800 x 3800mm

<table>
<thead>
<tr>
<th>Product</th>
<th>Height (m)</th>
<th>No. of Anchors</th>
<th>Lift</th>
<th>Approx. Mass (kg)</th>
<th>Price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Cap</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>13,612 / pc</td>
<td>$11,762.10 / pc</td>
</tr>
<tr>
<td>Riser Section</td>
<td>0.610 - 2.134</td>
<td>4</td>
<td>8 Tonne</td>
<td>9,064 / m</td>
<td>14,472.40 / m</td>
</tr>
<tr>
<td>Transition Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>13,612 / pc</td>
<td>11,762.10 / pc</td>
</tr>
<tr>
<td>Base Slab</td>
<td>0.305</td>
<td>4</td>
<td>8 Tonne</td>
<td>13,612 / pc</td>
<td>11,762.10 / pc</td>
</tr>
<tr>
<td>*Monobase/Monotop</td>
<td>0.610</td>
<td>4</td>
<td>8 Tonne</td>
<td>19,141 / pc</td>
<td>19,794.20 / pc</td>
</tr>
<tr>
<td></td>
<td>0.914</td>
<td>4</td>
<td>8 Tonne</td>
<td>21,897 / pc</td>
<td>24,193.80 / pc</td>
</tr>
<tr>
<td></td>
<td>1.219</td>
<td>4</td>
<td>8 Tonne</td>
<td>24,661 / pc</td>
<td>28,607.90 / pc</td>
</tr>
</tbody>
</table>

*Height is measured from top of base to bottom of joint.
Precast Drop Structures are available for drop pipe sizes up to and including 300mm diameter. All Drop Structures are supplied with a 90 degree Bend at the bottom. At the top, we provide a Tee (up to 300 x 300mm) or a Wye (up to 250 x 250mm). For pricing, please contact our engineering department.
**OPSD 804.030 alternative headwall for 300mm-900 mm pipes**

<table>
<thead>
<tr>
<th>pipe size (mm)</th>
<th>width x height (mm)</th>
<th>no. of anchors</th>
<th>swift lift</th>
<th>approx. mass (kg)</th>
<th>endwall only ($)</th>
<th>grate only ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>3366 x 1672</td>
<td>2</td>
<td>8 Tonne</td>
<td>5,090</td>
<td>$3,308.50</td>
<td>$813.20</td>
</tr>
<tr>
<td>375</td>
<td>3366 x 1672</td>
<td>2</td>
<td>8 Tonne</td>
<td>5,043</td>
<td>3,308.50</td>
<td>813.20</td>
</tr>
<tr>
<td>450</td>
<td>3366 x 1672</td>
<td>2</td>
<td>8 Tonne</td>
<td>4,964</td>
<td>4,021.20</td>
<td>894.90</td>
</tr>
<tr>
<td>525</td>
<td>4168 x 1939</td>
<td>2</td>
<td>8 Tonne</td>
<td>7,342</td>
<td>4,021.20</td>
<td>894.90</td>
</tr>
<tr>
<td>600</td>
<td>4168 x 1939</td>
<td>2</td>
<td>8 Tonne</td>
<td>7,277</td>
<td>5,135.10</td>
<td>961.00</td>
</tr>
<tr>
<td>675</td>
<td>4168 x 1939</td>
<td>2</td>
<td>8 Tonne</td>
<td>7,174</td>
<td>5,135.10</td>
<td>961.00</td>
</tr>
<tr>
<td>750</td>
<td>4968 x 2206</td>
<td>2</td>
<td>8 Tonne</td>
<td>10,124</td>
<td>6,271.50</td>
<td>1,138.90</td>
</tr>
<tr>
<td>825</td>
<td>4968 x 2206</td>
<td>2</td>
<td>8 Tonne</td>
<td>9,985</td>
<td>6,271.50</td>
<td>1,138.90</td>
</tr>
<tr>
<td>900</td>
<td>4968 x 2206</td>
<td>2</td>
<td>8 Tonne</td>
<td>9,834</td>
<td>7,418.50</td>
<td>1,162.30</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Grates as per OPSD 804.05.
2. Headwalls equivalent to OPSD 804.040. Modified are available for pipe sizes up to 1800mm Diameter or 1220x1930mm Elliptical Pipe. For pricing, contact our engineering department.
3. Random Stone Pattern Finish can be supplied, if specified or requested.
4. Quick Installation comes complete with a gasketed joint for pipe connection.
5. 2-Piece System.
6. Hand Rail & Headwall Grates are available for pipe sizes up to 1800mm Diameter.
7. Designed to CHBDC requirements.

**quick headwalls**

<table>
<thead>
<tr>
<th>QHW size</th>
<th>circular pipe size (mm)</th>
<th>elliptical pipe size (mm)</th>
<th>QHW top piece</th>
<th>QHW bottom piece</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Swift Lift</td>
<td>weight (kg)</td>
</tr>
<tr>
<td>small</td>
<td>600 to 825</td>
<td>N/A</td>
<td>4- 4 tonne</td>
<td>8,296</td>
</tr>
<tr>
<td>medium</td>
<td>900 to 1200</td>
<td>730X1150</td>
<td>4- 8 tonne</td>
<td>10,163</td>
</tr>
<tr>
<td>large</td>
<td>1350 to 1800</td>
<td>855X1345</td>
<td>4- 8 tonne</td>
<td>13,860</td>
</tr>
<tr>
<td></td>
<td>975X1535</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1095X1730</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1220X1920</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Stormceptor®

**Stormceptor® Product Line**

Stormceptor® units are designed to capture and safely store non-point source pollution from stormwater run-off. They are also extremely effective in capturing spills.

**STC Series**

Designed to attain a high level of stormwater quality and spills capture

**EOS Series**

Extended Oil Storage capabilities for “high” potential spills areas and a high level of stormwater quality

**EF/EFO Series**

ISO 14034/Canadian ETV verified performance

**Jelly Fish**

Fine sediment filter system

Please contact our sales or engineering departments for pricing and/or technical information.
**QuickSpan® sizing information**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Span</td>
<td>3.659 - 12.192</td>
</tr>
<tr>
<td>Clear Height</td>
<td>0.610 - 3.048</td>
</tr>
<tr>
<td>Laying Length</td>
<td>1.00 - 2.440</td>
</tr>
<tr>
<td>Weight</td>
<td>4,643 - 22,000 kg/m</td>
</tr>
<tr>
<td>A - Leg Thickness</td>
<td>min 254</td>
</tr>
<tr>
<td>B - Deck Thickness</td>
<td>min 254</td>
</tr>
<tr>
<td>C - Haunch</td>
<td>432</td>
</tr>
</tbody>
</table>

**NOTE:**
1. QuickSpan supercedes Hy-span
2. Precast footings & wingwalls are available. Please contact our Engineering Department for pricing or technical information.
3. Please contact our Engineering Department for further sizing information.
## maintenance hole adjusters

<table>
<thead>
<tr>
<th>size (mm)</th>
<th>description</th>
<th>height (mm)</th>
<th>approx mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>710 x 159</td>
<td>Maintenance Hole Adjuster</td>
<td>50</td>
<td>48</td>
<td>$48.00</td>
</tr>
<tr>
<td>710 x 159</td>
<td>Maintenance Hole Adjuster</td>
<td>75</td>
<td>72</td>
<td>50.90</td>
</tr>
<tr>
<td>710 x 159</td>
<td>Maintenance Hole Adjuster</td>
<td>100</td>
<td>95</td>
<td>54.50</td>
</tr>
<tr>
<td>710 x 159</td>
<td>Maintenance Hole Adjuster</td>
<td>150</td>
<td>142</td>
<td>59.50</td>
</tr>
<tr>
<td>710 x 159</td>
<td>Maintenance Hole Adjuster c/w Step</td>
<td>300</td>
<td>284</td>
<td>225.80</td>
</tr>
</tbody>
</table>

## valve chamber components

<table>
<thead>
<tr>
<th>size (mm)</th>
<th>description</th>
<th>height (mm)</th>
<th>approx mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Valve Chamber Base Section (2 pcs)</td>
<td>200</td>
<td>580</td>
<td>$404.60</td>
</tr>
<tr>
<td>1500</td>
<td>Valve Chamber Gate Valve Flat Cap</td>
<td>450</td>
<td>1,796</td>
<td>1,233.40</td>
</tr>
<tr>
<td>1500</td>
<td>Valve Chamber Gate Butterfly Flat Cap</td>
<td>450</td>
<td>1,796</td>
<td>1,233.40</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Adjuster</td>
<td>50</td>
<td>33</td>
<td>48.00</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Adjuster</td>
<td>75</td>
<td>50</td>
<td>50.90</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Adjuster</td>
<td>100</td>
<td>67</td>
<td>54.50</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Adjuster</td>
<td>150</td>
<td>100</td>
<td>59.50</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Flat)</td>
<td>150</td>
<td>100</td>
<td>170.10</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Flat)</td>
<td>305</td>
<td>195</td>
<td>215.40</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Flat)</td>
<td>450</td>
<td>295</td>
<td>322.60</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Spigot)</td>
<td>150</td>
<td>100</td>
<td>105.90</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Spigot)</td>
<td>225</td>
<td>150</td>
<td>159.10</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Spigot)</td>
<td>300</td>
<td>195</td>
<td>211.90</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Spigot)</td>
<td>450</td>
<td>295</td>
<td>317.70</td>
</tr>
<tr>
<td>760</td>
<td>Valve Chamber Riser (Bell-Spigot)</td>
<td>600</td>
<td>390</td>
<td>423.50</td>
</tr>
</tbody>
</table>

**Note:** City of Ottawa rectangular valve chambers are available. Please call for pricing details.
catch basin adjusters

<table>
<thead>
<tr>
<th>size (mm)</th>
<th>description</th>
<th>height (mm)</th>
<th>approx mass (kg)</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>330 x 480</td>
<td>Rear Yard Catch Basin Adjuster</td>
<td>50</td>
<td>16</td>
<td>$44.80</td>
</tr>
<tr>
<td>330 x 480</td>
<td>Rear Yard Catch Basin Adjuster</td>
<td>75</td>
<td>24</td>
<td>$45.80</td>
</tr>
<tr>
<td>330 x 480</td>
<td>Rear Yard Catch Basin Adjuster</td>
<td>150</td>
<td>48</td>
<td>$57.50</td>
</tr>
<tr>
<td>610 x 610</td>
<td>Heavy Duty Catch Basin Adjuster</td>
<td>50</td>
<td>35</td>
<td>$45.50</td>
</tr>
<tr>
<td>610 x 610</td>
<td>Heavy Duty Catch Basin Adjuster</td>
<td>75</td>
<td>53</td>
<td>$48.20</td>
</tr>
<tr>
<td>610 x 610</td>
<td>Heavy Duty Catch Basin Adjuster</td>
<td>100</td>
<td>70</td>
<td>$53.50</td>
</tr>
<tr>
<td>610 x 610</td>
<td>Heavy Duty Catch Basin Adjuster</td>
<td>150</td>
<td>105</td>
<td>$59.50</td>
</tr>
</tbody>
</table>
frames and covers

<table>
<thead>
<tr>
<th>spec no.</th>
<th>description</th>
<th>price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>W15 / W16</td>
<td>City of Ottawa - Valve Chamber Frame and Cover</td>
<td>$587.10</td>
</tr>
<tr>
<td>S19</td>
<td>City of Ottawa - Heavy Duty “Fish” Type Round Frame and Cover</td>
<td>453.20</td>
</tr>
<tr>
<td>S19.1</td>
<td>City of Ottawa - “Fish” Type Square Frame and Grate</td>
<td>471.50</td>
</tr>
<tr>
<td>S20 / S21</td>
<td>City of Ottawa - Catch Basin Frame and Cover (Replacement)</td>
<td>309.00</td>
</tr>
<tr>
<td>S22 / S23</td>
<td>City of Ottawa - Curb Inlet “Fish” Type for Catch Basin</td>
<td>606.70</td>
</tr>
<tr>
<td>S24/ S25</td>
<td>City of Ottawa - Sanitary “Toilet” Maintenance Hole Frame and Cover</td>
<td>576.80</td>
</tr>
<tr>
<td>S24.1 / S25</td>
<td>City of Ottawa - Frame and Cover - Fish Logo</td>
<td>576.80</td>
</tr>
<tr>
<td>S24.2 / S25</td>
<td>City of Ottawa - Frame and Lockable Cover</td>
<td>978.50</td>
</tr>
<tr>
<td>S28</td>
<td>City of Ottawa - Curb Inlet “Fish” Type for CBMH</td>
<td>955.80</td>
</tr>
<tr>
<td>S28.1</td>
<td>City of Ottawa - Catch Basin Maintenance Hole Frame and Cover</td>
<td>615.10</td>
</tr>
<tr>
<td>400.010</td>
<td>OPSD - Dished Herring Bone Openings Frame and Cover</td>
<td>453.20</td>
</tr>
<tr>
<td>400.020</td>
<td>OPSD - Flat Herring Bone Openings Frame and Cover</td>
<td>453.20</td>
</tr>
<tr>
<td>400.030</td>
<td>OPSD - “V” Herring Bone Openings Frame and Cover</td>
<td>654.10</td>
</tr>
<tr>
<td>400.070</td>
<td>OPSD - Circular Flat Herring Bone Openings Frame and Cover</td>
<td>570.60</td>
</tr>
<tr>
<td>400.082</td>
<td>OPSD - Raised Curb Inlet Catch Basin Frame and Cover</td>
<td>606.70</td>
</tr>
<tr>
<td>400.100</td>
<td>OPSD - Flat Perforated Frame and Cover</td>
<td>628.30</td>
</tr>
<tr>
<td>401.010A</td>
<td>OPSD - Frame and Cover - Closed</td>
<td>412.00</td>
</tr>
<tr>
<td>401.010B</td>
<td>OPSD - Frame and Cover - Open</td>
<td>412.00</td>
</tr>
<tr>
<td>401.020</td>
<td>OPSD - Frame and Cover</td>
<td>656.10</td>
</tr>
<tr>
<td>401.030</td>
<td>OPSD - Water Tight Frame and Cover</td>
<td>798.30</td>
</tr>
<tr>
<td>401.050</td>
<td>OPSD - Water Tight Raised Square Maintenance Hole Frame and Cover</td>
<td>829.20</td>
</tr>
<tr>
<td>402.010</td>
<td>OPSD - Valve Chamber Frame and Cover</td>
<td>638.60</td>
</tr>
</tbody>
</table>

- Self Levelling - Valve Chamber - Frame & Cover | 1,045.50 |
- Self Levelling - Sanitary - Frame & Cover | 1,030.00 |
- Self Levelling - Storm - Frame & Cover | 1,030.00 |
Forterra Building Products

Forterra is a leading manufacturer of water and drainage pipe & products for a variety of water-related infrastructure applications. Based in Irving, Texas, Forterra is comprised of Drainage Pipe & Products, Water Pipe & Products, Structural & Specialty Products and Stormwater Management Systems. We employ more than 5,500 people and operate more than 100 facilities, with products available throughout the U.S. and Eastern Canada.

For current facility locations and Sales & Service contacts, please visit our website at forterrabp.com

2099 Roseville Road
Cambridge, Ontario N1R 5S3
519.622.7574
888.888.3222

3374 Rideau Road
Ottawa, Ontario K1G 3N4
613.822.0160
800.833.7540