FIRE SPRINKLER & HYDRANT SERVICE
SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE)
(NO BOOSTER PUMPS) TYPICAL ARRANGEMENT

SPRINKLER SYSTEMS DESIGNED TO AS2118.4

MINIMUM SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE)

METERS 50mm AND ABOVE TO BE INDEPENDENTLY SUPPORTED FROM PIPE WORK

FOR DETAILS OF GENERAL WATER VALVING ARRANGEMENTS SEE APPLICABLE ILLUSTRATION

1 & 2 TO WATER MAIN REFER TO DRAWING 17

150mm MIN. 300mm MAX. MAY BE EXTENDED TO 1.5m WITH PRIOR WATER CORPORATION APPROVAL.

1 & 2 TO WATER MAIN REFER TO DRAWING 17

PROPERTY BOUNDARY

150mm - 2.0m

SCHEDULE OF ITEMS

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 &amp; 2</td>
<td>REFER TO DRAWING 17</td>
</tr>
<tr>
<td>3</td>
<td>ISOLATING VALVE, IF BUTTERFLY VALVE TO BE GEAR SHUT TYPE (RESILIENT SEATED) VALVE TO CONFORM TO AS/NZS2845</td>
</tr>
<tr>
<td>4</td>
<td>MINIMUM SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE)</td>
</tr>
<tr>
<td>5</td>
<td>25mm BYPASS METER SUPPLIED BY WATER CORPORATION</td>
</tr>
<tr>
<td>6</td>
<td>25mm DUAL CHECK VALVE AS MINIMUM</td>
</tr>
<tr>
<td>7</td>
<td>ISOLATING VALVE</td>
</tr>
<tr>
<td>8</td>
<td>LOCKABLE BALL VALVES WITH A003 KEYED LOCKS</td>
</tr>
</tbody>
</table>

METERS 50mm AND ABOVE TO BE INDEPENDENTLY SUPPORTED FROM PIPE WORK

SEE GENERAL NOTES FOR FURTHER INFORMATION

STANDARD LEGEND

X = Valve
M = Meter
D.B. = Dirt Box
S.P. = Straight Piece
T.F. = Testing Ferrule
L.S. = Lock Stabilizer
B.P.D. = Backflow Prevention Device (Testable or Non-Testable)
S.C.V.T = Single Check Valve Testable
S.C.D.A.T = Single Check Detector Assembly Testable

DRAWING NUMBER: 12A
SCALE: NOT TO SCALE
DATE: AUGUST 2014

FIRE SPRINKLER & HYDRANT SERVICE SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE)
(NO BOOSTER PUMPS) TYPICAL ARRANGEMENT

City West Water
South East Water
Yarra Valley Water