FIRE SPRINKLER & HYDRANT SERVICE SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE)

SPRINKLER SYSTEMS DESIGNED TO AS2118.4

FOR DETAILS OF GENERAL WATER VALVING ARRANGEMENTS SEE DRAWING NUMBERS 1 - 7

1 & 2 FROM WATER MAIN

150mm - 2.0m

PROPERTY BOUNDARY

0 1 2 3 4 5 6 7 8 9

1 & 2 FROM WATER MAIN

REFER TO DRAWING 17

CONCRETE BLOCK

CONCRETE BLOCK

APPROVED MATERIAL

APPROVED MATERIAL

SCHEDULE OF ITEMS

ITEM NO. DESCRIPTION

1 & 2 REFER TO DRAWING 17

3 ISOLATING VALVE. IF BUTTERFLY VALVE TO BE GEAR SHUT TYPE (RESILIENT SEATED) VALVE TO CONFORM TO AS/NZS2845

4 MINIMUM SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE)

5 25mm BYPASS METER SUPPLIED BY WATER CORPORATION

6 25mm DUAL CHECK VALVE AS MINIMUM

7 ISOLATING VALVE

8 LOCKABLE BALL VALVES WITH A003 KEYED LOCKS

9 WATER METER FOR GENERAL SERVICE

10 APPROVED BFD

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

SEE GENERAL NOTES FOR FURTHER INFORMATION

STANDARD LEGEND

V Valve
M Meter
S.B. Strainer Box
S.P. Straight Piece
T.P. Testing Ferrule
L.S. Lockable Shut-off Valve
B.F.D. Backflow Prevention Device (Testable or Non-Testable)
S.C.V.A. Single Check Valve Assembly
S.C.D.A. Single Check Detector Assembly

City West Water
South East Water
Yarra Valley Water

DRAWING NUMBER: 12A
SCALE: NOT TO SCALE
DATE: JULY 2017
FIRE SPRINKLER & HYDRANT SERVICE SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE) (NO BOOSTER PUMPS) TYPICAL ARRANGEMENT

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

FOR DETAILS OF GENERAL WATER VALVING ARRANGEMENTS SEE DRAWING NUMBERS 1 - 7

1 & 2 FROM WATER MAIN
REFER TO DRAWING 17

MINIMUM SINGLE CHECK DETECTOR ASSEMBLY (TESTABLE)

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

SEE GENERAL NOTES FOR FURTHER INFORMATION