



**TYPICAL 25 Dia RPZ DEVICE INSTALLATION**  
SEMI-DIAGRAMMATIC

**NOTES**

1. THE RPZ DEVICE MUST CONFORM WITH THE FOLLOWING:
  - (a) BE REGISTERED WITH COUNCIL AND PROVIDED IN ACCORDANCE WITH AS3500.
  - (b) RPZ DEVICES MUST BE SIZED ACCORDING TO IRRIGATION SYSTEM FLOW RATES AND BE A DEVICE APPROVED BY COUNCIL'S BACKFLOW PREVENTION OFFICER.
  - (c) ONLY AN ENDORSED BACKFLOW PREVENTION OFFICER CAN ACTIVATE THE SYSTEM.
2. A PROTECTION COVER MANUFACTURED FROM 40x40x4 GALVANISED ANGLE AND 50x50x4 GALVANISED MESH TO BE PROVIDED.
3. ALCONNEX WILL INSTALL A 25 WATER METER AFTER AN APPLICATION STATING THE LOCATION AND APPROVED NAME OF THE PARK AND THE PRESCRIBED FEES HAVE BEEN PAID. THE APPLICATION MUST BE IN THE NAME OF COUNCIL.
4. CONCRETE TO BE CLASS N20 TO AS3600.
5. CONCRETE SLAB MUST BE 100mm THICK - SL72 MESH CENTRAL AND TO EXTEND A MINIMUM 150mm BEYOND COVER IN ALL DIRECTIONS
6. COVER TO BE LOCKED AS SHOWN USING PARKS ALLOCATED LOCK.
7. ALL GALVANISING TO BE IN ACCORDANCE WITH AS/NZS 4680
8. ALL WELDS AND BARE METAL TO BE THOROUGHLY CLEANED AND PAINTED WITH COLD GALVANISING.
9. DETAILS SHOWN ARE FOR A TYPICAL 25 DIA INSTALLATION. WHERE A LARGER INSTALLATION IS REQUIRED, INDIVIDUAL DESIGNS MUST BE PROVIDED.
10. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE



THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE				CONTROLLED DOCUMENT	DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY
				DRAFTING BY TECHNICAL SERVICES BRANCH	<b>STANDARD DRAWING</b>  <b>RPZ DEVICE FOR PARK IRRIGATION SYSTEMS INSTALLATION DETAIL</b>
				PASSED - COORDINATOR OPEN SPACE ASSETS SIGNED: NAME: CAMERON TAYLOR DATE: 6/12/12	
				APPROVED - MANAGER PARKS & RECREATIONAL SERVICES SIGNED: NAME: RON JACOBS DATE: 6/12/12	
No.	AMENDMENT	APPROVED	DATE	ISSUED	

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