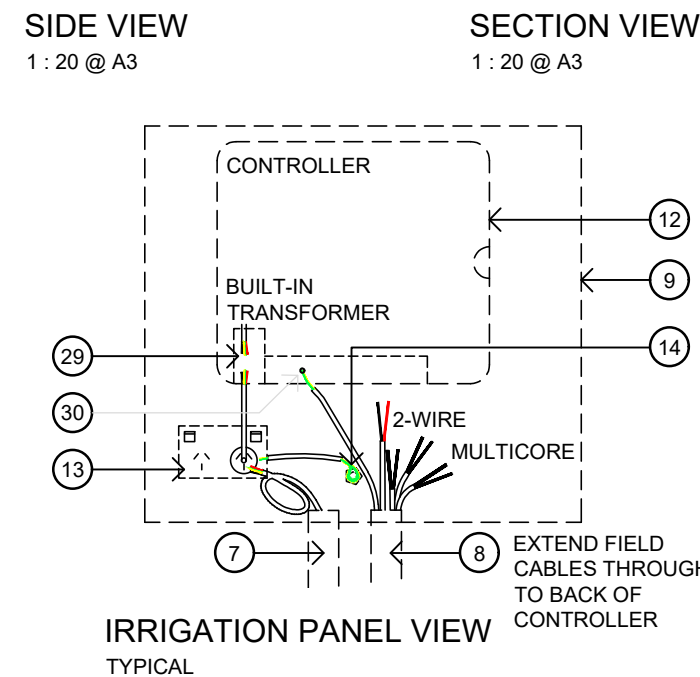
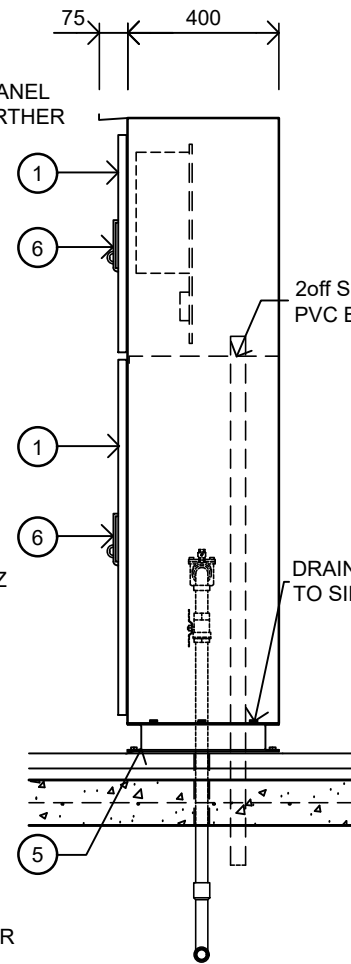


**CoA 603** **BACK FLOW PREVENTION DEVICE TYPE 2B**



NOTE: FIELD WIRING & ELECTRICAL CABLES ARE TO BE LOOPED BEHIND 6mm THICK INSULATED PANEL TO ALLOW EASY SWING ACTION AND NO PULLING OF WIRING/CABLES.

## GENERAL NOTES:

- ALL (NEW & EXISTING) SERVICES SHALL BE LOCATED BY THE CONTRACTOR PRIOR TO UNDERTAKING THE WORKS.
- CoA IRRIGATION TECHNICAL OFFICER TO APPROVE ALIGNMENT OF CONDUIT PRIOR TO TRENCHING.
- ALL ELECTRICAL WORKS, INCLUDING CONDUITS TO BE INSTALLED AS PER AS3000 ELECTRICAL STANDARDS.
- ALL WORKS TO AUSTRALIAN STANDARDS BY CERTIFIED INSTALLERS AND SAPN RULES & REGULATIONS
- ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATION.
- ENSURE RCD PROTECTED GPO OUTLET AND SURGE PROTECTION INSTALLED FOR IRRIGATION CONTROLLER.
- ENSURE METAL CABINET IS EARTHED TO AS3000.
- DOOR LEAF(S) TO EXHIBIT A 120 DEGREE DOOR STAYS.
- CONTRACTOR TO NOTIFY IN WRITING THE CITY OF ADELAIDE OF ANY DISCREPANCIES BETWEEN THE PROJECT DRAWINGS AND STANDARD DETAILS FOR CLARIFICATION PRIOR TO UNDERTAKING THE WORKS.

## APPLICATION:

- PRESSURE REDUCING VALVE : HIGH HEALTH HAZARD RATING DETERMINATION
- WHERE 'DRINKING' WATER IS BEING USED FOR IRRIGATION OR WATER FEATURE.
- URBAN AND RESIDENTIAL AREAS -TYPICALLY.
- PREFERRED LOCATIONS : PAVED AREAS, VERGES, GARDEN BEDS AND TURF AREAS.

## KEYNOTE LEGEND

- 1.6mm ZINC ANNEALED MILD STEEL (GALVABOND)
- 75mm WIDE FOLDED ROOF LIP TO CABINET TOP
- DULUX ACRATHANE IF PAINT - N65 GRAPHITE GREY
- MAINTAIN STONE PAVERS UNDER WITH CAULKED RISERS
- GALVANISED 75PFC PLINTH M10 DYNA-BOLTED TO BASE
- 3-POINT CAM LOCKING SYSTEM WITH PADLOCKABLE CHROME SWING HANDLE
- 40Ømm ORANGE HDPE ELECTRICAL CONDUIT FROM REMOTE MSB OR PIT
- 40Ømm PVC IRRIGATION COMMUNICATION CONDUIT
- 6MM THICK INSULATED PANEL (DOUBLE HINGED)
- 20x6mm CLOSED CELL FOAM STRIP TO DOOR LEAF
- DOCUMENTATION HOLDER TO INSIDE DOOR FACE
- RAINBIRD CONTROLLER INSTALLED TO MANUFACTURER'S SPECIFICATIONS.
- 10A DOUBLE GPO OUTLET (RCD - PROTECTED)
- M10 THREADED EARTHING BOLT (LINK TO REAR RCD GPO)
- 'RPZ VALVE' LABEL (W.B.W)
- 'IRRIGATION SECTION' LABEL (W.B.W)
- HARD DRAWN COPPER TO AS1432
- THREADED MALE END COPPER ADAPTOR - BRAZING
- DE-ZINC RESISTANT BALL VALVE (BUTTERFLY HANDLE)
- BRASS BARREL UNION FITTING - FEMALE TO MALE
- BRASS BARREL UNION FITTING - FEMALE TO FEMALE
- BRONZE Y-STRAINER
- REDUCED PRESSURE ZONE VALVE - FEBCO 860 SERIES
- COPPER ELBOW SOCKET - BRAZING
- 2mm ALUMINIUM GLAND PLATE WITH SEALED PVC BUSHES
- 1.6mm FOLDED GALVABOND COVER PLATE - WHITE
- EXISTING CONCRETE SUBSTRATE - 120mm MIN.
- CLASS 9 PVC CONDUIT RISER IN SLAB WITH FOR RISERS
- HARD-WIRING OF CABLE PLUG TO CONTROLLER
- EARTHING CABLE OF CONTROLLER TO GROUND ROD TO EITHER CoA 624 OR 625 (2-WIRE CABLE OR MULTICORE)
- UNDERGROUND ELECTRICAL CONDUIT & CABLING TO MAIN SWITCHBOARD CABINET

REV	DESCRIPTION	DATE
A	ORIGINAL ISSUE	07/22

## CONSTRUCTION STANDARDS

## LANDSCAPE

## IRRIGATION

BACK FLOW PREVENTION DEVICE TYPE 2B - REDUCED PRESSURE ZONE (RPZ) VALVE WITH IRRIGATION CONTROLLER ABOVE



SHEET NUMBER  
**LS004**

REVISION  
**A**