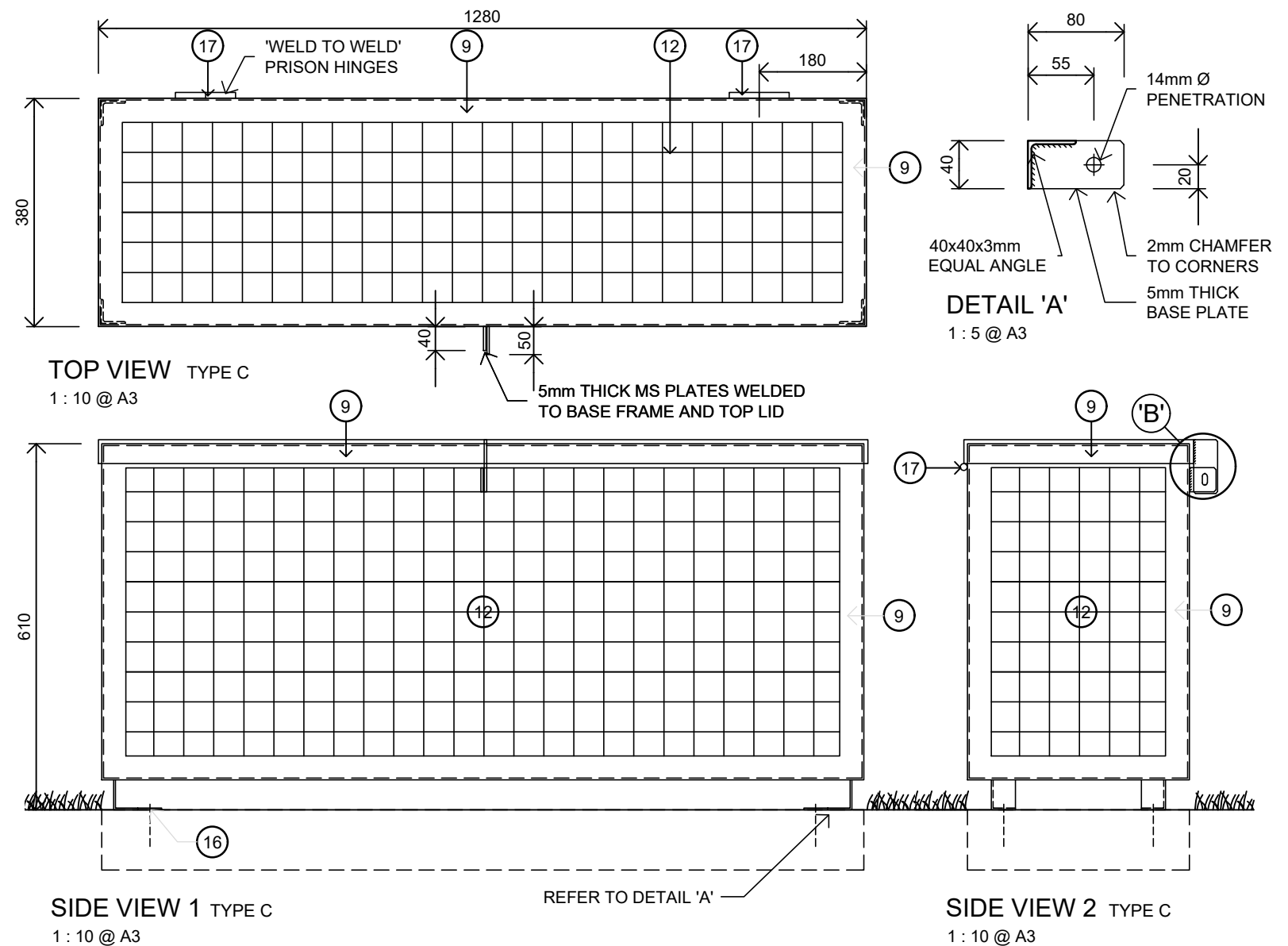


KEYNOTE LEGEND

1. HARD DRAWN COPPER TO AS1432.
2. COPPER MALE END CONNECTOR.
3. DE-ZINC RESISTANT BRONZE BALL VALVE.
4. BRASS NIPPLE.
5. BRASS BARREL UNION FITTING - FEMALE TO FEMALE.
6. BRONZE Y-STRAINER.
7. DOUBLE CHECK BACKFLOW PREVENTION DEVICE - FEBCO 850 SERIES
8. COMPLETE WITH TEST COCKS.
9. GALVANISED 40 x 3mm EA FRAME - FULLY WELDED
10. WELDED EA FEET TO DETAIL 'A'
11. PVC SLEEVE CAST INTO SLAB FOR COPPER PIPE
12. 25 x 25 x 3.15mm GALVWELD MESH
13. 32MPa CONCRETE SLAB WITH SL72 MESH - CENTRAL
14. PM2/20QG COMPACTED BASE TO 98% MMDD
15. RE-LAID SPOIL AND SOD GRASS TO EDGES
16. M10 GALV. DYNA-BOLT WITH 70mm EMBEDMENT
17. 16mm 'WELD TO WELD' PRISON HINGES (100KG)
18. GALVANISED 40 x 3mm EA LID FRAME - WELDED

CoA 601

BACK FLOW PREVENTION DEVICE TYPE 1B



GENERAL NOTES:

- ALL COMPONENTS AND INSTALLATION SHALL BE ACCORDING TO SA WATER REQUIREMENTS.
- SUPPORTS FOR BACKFLOW ASSEMBLY TO BE PROVIDED AS REQUIRED BY SUPERINTENDENT.
- ENTIRE ASSEMBLY TO CONFORM TO AS3500.
- ALLOW FOR 150~300mm CLEARANCE UNDER BACK FLOW DEVICE AND 150mm EITHER SIDE.
- THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE ALL DRAWINGS, SPECIFICATIONS AND OTHER INSTRUCTIONS. 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.
- CONTRACTOR TO LIAISE WITH CoA IRRIGATION TECHNICAL OFFICER REGARDING FINAL MAINLINE DEPTH* IN PARK LAND PRECINCT AND EVENT SPACES PRIOR TO UNDERTAKING THE WORKS.
- STEEL SECTIONS TO AS3679.1, WELDING TO AS1554.1 & HOT-DIPPED GALVANISING TO AS4680.

APPLICATION:

- DOUBLE CHECK VALVE : LOW TO MEDIUM HAZARD RATING DETERMINATION
- WHERE 'DRINKING' WATER IS USED FOR IRRIGATION.
- PARK LAND AREAS - TYPICALLY.

GALVANISED STEEL CAGE TYPES:

TYPE A : 50mm WATER SUPPLY WITH RPZ/DOUBLE CHECK VALVE: 2480 x 475 x 675mm HIGH
TYPE B : 32mm WATER SUPPLY WITH RPZ/DOUBLE CHECK VALVE : 2070 x 470 x 560mm HIGH
TYPE C : 25mm WATER SUPPLY WITH RPZ/DOUBLE CHECK VALVE : 1270 x 370 x 560mm HIGH
20mm WATER SUPPLY WITH RPZ/DOUBLE CHECK VALVE : 1270 x 370 x 560mm HIGH
25mm WATER SUPPLY WITH DUAL CHECK VALVE : 1270 x 370 x 560mm HIGH

NOTE: HOT DIPPED GALVANISED FINISH TO ALL CAGE ASSEMBLIES

REV	DESCRIPTION	DATE
A	ORIGINAL ISSUE	07/22

CONSTRUCTION STANDARDS

LANDSCAPE

IRRIGATION

BACK FLOW PREVENTION DEVICE TYPE 1B - DOUBLE CHECK VALVE - ABOVE GROUND



SHEET NUMBER
LS002

REVISION
A