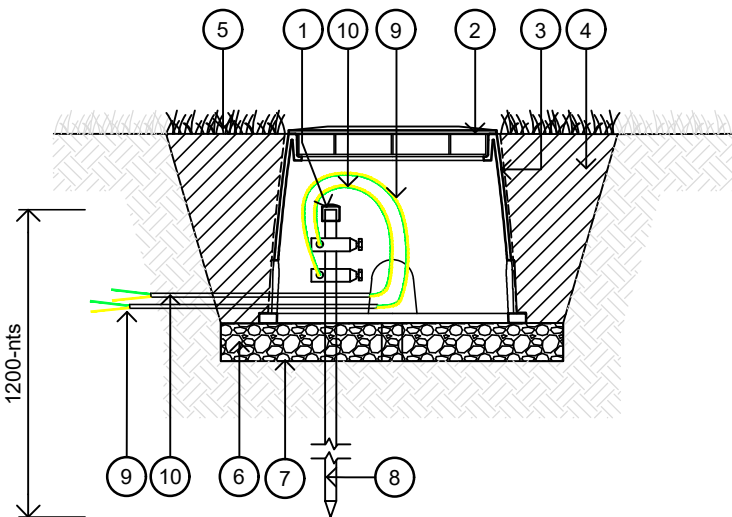


PLAN VIEW  
1 : 10 @ A3



SECTION VIEW  
1 : 10 @ A3

### GENERAL NOTES:

- 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.
- REFER TO CoA 603 ~ 606 DETAIL SHEETS FOR GROUNDING OF METAL IRRIGATION CABINET FOR VARIOUS CONFIGURATIONS.

#### FOR DESIGN & CONSTRUCT CONTRACTS:

- CONTRACTOR TO IDENTIFY PREVAILING SOIL TYPE WHEN DETERMINING OPTIMUM EARTHING ROD CONFIGURATION & PENETRATION DEPTH ACCORDING TO THE IRRIGATION CONTROLLER MANUFACTURER RECOMMENDATIONS.
- CONTRACTOR TO MEASURE & CONFIRM GROUND RESISTANCE PRIOR & AFTER INSTALLATION.

### APPLICATION:

- PART OF AN OVERALL MULTICORE-BASED IRRIGATION SYSTEM.
- CONNECTED TO IRRIGATION CONTROLLER (AND METAL CABINET +) AND GROUNDED ACCORDING TO CONTROLLER MANUFACTURER'S REQUIREMENTS.

### KEYNOTE LEGEND

1. CO-POLYMER POLYPROPYLENE REO BAR SAFETY CAP WHEN ADJACENT SOLENOID VALVE (YELLOW)
2. RAINBIRD VB SERIES VALVE BOX - 250mm ROUND
3. HIGH DENSITY PLASTIC SHEETING (200uM)
4. EXISTING SPOIL RE-COMPACTED AROUND BOX
5. RE-LAID EXISTING SOD-CUT TURF
6. 20mm WASHED BLUE STEEL GRAVEL BASE
7. 50mm HIGH MASONRY PAVER
8. 1200mm++ NOMINAL LONG GROUNDING ROD: 8 OHMS OR LESS
9. GREEN/YELLOW WIRES FROM CONTROLLER TO SOLID BRASS GROUNDING CLAMP
10. GREEN/YELLOW WIRES FROM METAL CABINET TO SOLID BRASS GROUNDING CLAMP+

'+' DENOTES ONLY REQUIRED IF OTHER METHODS OF GROUNDING SHOWN ON CoA 602 ~ 605 HAVE BEEN INVESTIGATED & ASSESSED ON SITE.  
'++' DENOTES INCREASE IN LENGTH WITH THREADED EARTH ROD COUPLINGS & DRIVING HEADS AS REQUIRED TO ACHIEVE THE REQUIRED RESISTANCE.

## CoA 625 LIGHTNING SURGE PROTECTION ASSEMBLY - TYPE 2

REV	DESCRIPTION	DATE	CONSTRUCTION STANDARDS	
A	ORIGINAL ISSUE	07/22		
			LANDSCAPE	
			IRRIGATION	
			LIGHTNING SURGE PROTECTION ASSEMBLY TYPE 2 - MULTICORE SYSTEM	
			<div>  <div>CITY OF ADELAIDE</div> </div>	
			SHEET NUMBER	REVISION
			LS026	A