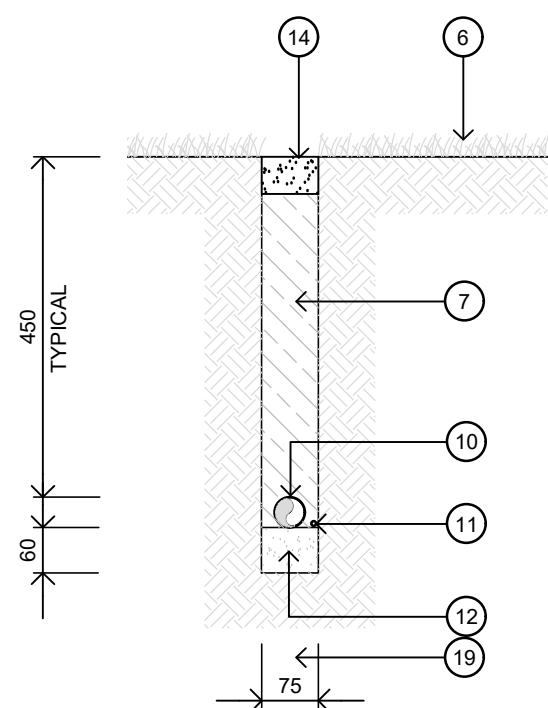
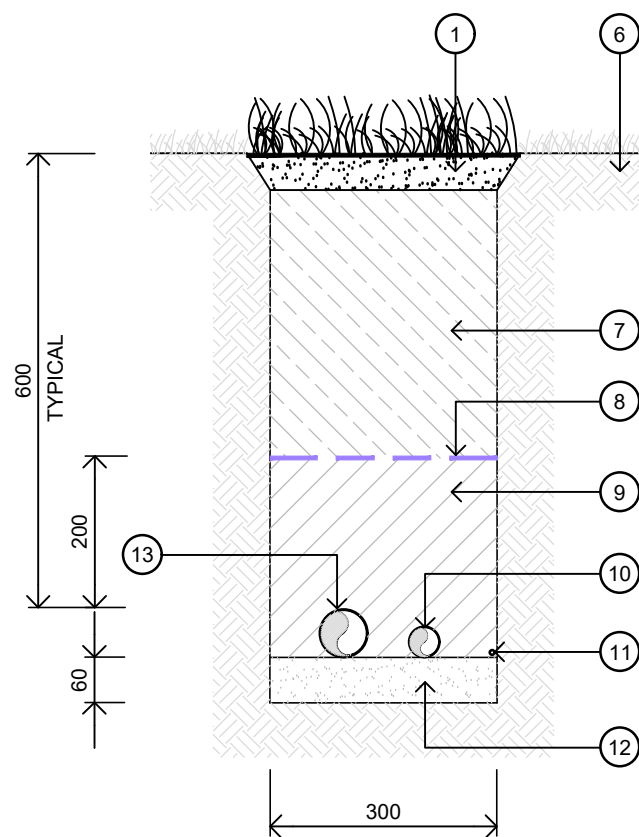


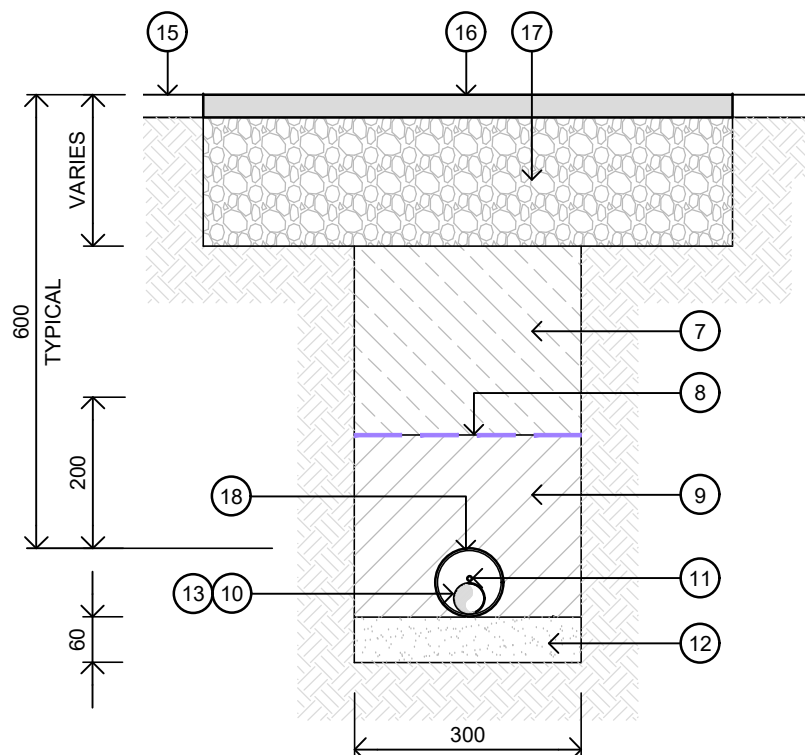
**DETAIL 1**  
1 : 10 @ A3  
TYPICAL MAINLINE OR SUB MAIN TRENCH



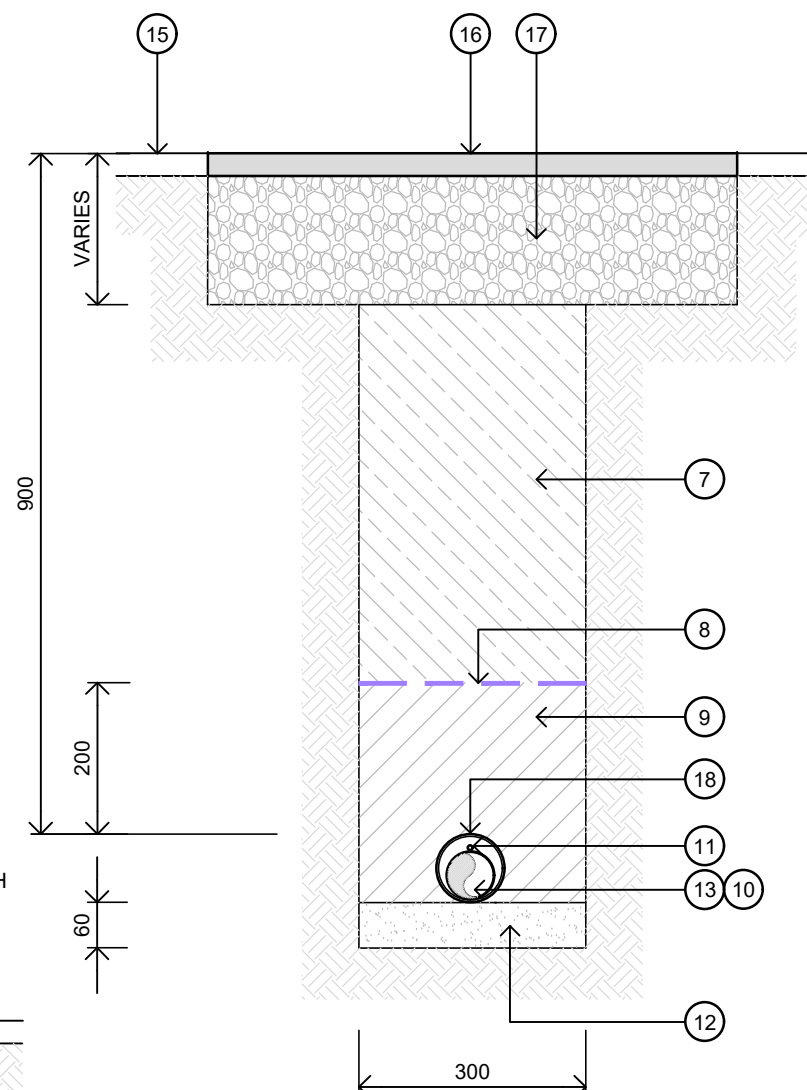
**DETAIL 3**  
1 : 10 @ A3  
TYPICAL LATERAL TRENCH



**DETAIL 2**  
1 : 10 @ A3  
TYPICAL SHARED MAINLINE/LATERAL TRENCH



**DETAIL 4**  
1 : 10 @ A3  
TYPICAL IRRIGATION PIPEWORK UNDER  
CONCRETE FOOTPATH/HARDSTAND AREA OR  
CONCRETE SUBSTRATE/STONE PAVERS OVER.



**DETAIL 5**  
1 : 10 @ A3  
TYPICAL IRRIGATION PIPEWORK UNDER  
SEALED ROADWAY SURFACES ONLY.

## GENERAL NOTES:

- TO BE READ IN CONJUNCTION WITH CoA P402-01 & 02 AND P403-01 TRENCH REINSTATEMENT DETAILS
- PIPE IN COMMON TRENCHES TO BE SEPARATED AS DESCRIBED IN SPECIFICATION.
- CABLES TO BE INSTALLED NEATLY TO ONE SIDE OF THE TRENCH WITH 50mm CLEARANCE FROM THE PIPE.
- 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/SUB MAIN/LATERAL DEPTHS IN PARK LAND/ SQUARE PRECINCTS AND EVENT SPACES PRIOR TO UNDERTAKING THE WORKS.

## APPLICATION:

- ALL IRRIGATION SYSTEMS

## KEYNOTE LEGEND

1. NEW 30mm DEEP ROLL OUT INSTANT TURF, TOP DRESSED AND WATERED IN.
2. NEW 80/20 SANDY / LOAM SOIL
3. 25mm LDPE HEADER OR FLUSH PIPE BEYOND
4. RESERVED
5. EXCAVATED SUB-GRADE LEVEL
6. EXISTING TURF TO REMAIN
7. REFILL WITH SELECTED SPOIL (IF SUITABLE) AND MECHANICALLY TAMPER TO REINSTATEMENT PAVEMENT LAYERS AS SHOWN IN COA P402-01 & 02 AND P403-01.
8. MARKER DETECTOR TAPE TO AS2648.1 - 1995 FOR MAINLINE AND SUB-MAIN PIPE WORK ONLY.
9. REFILL WITH TYPE 'D' BEDDING SAND OR SELECTED SPOIL (IF SUITABLE) AND HAND TAMPER OVER PIPE
10. LATERAL PIPE
11. COMMUNICATION FIELD CABLE (2-WIRE OR MULTICORE) TO BE SEPARATED FROM NEAREST PIPE BY LARGEST PIPE DIAMETER WITHIN TRENCH.
12. REFILL WITH 60MM TYPE 'D' BEDDING SAND AND LEVEL OFF. ENSURE ROCKS ARE REMOVED.
13. MAINLINE PIPE
14. 30mm SANDY LOAM TOP DRESSING WITH COA 'SEED MIX'
15. EXISTING WEARING SURFACE TO REMAIN
16. NEW MATCHING WEARING SURFACE
17. NEW ROAD PAVEMENT REINSTATEMENT TO COA P402-01 & 02 AND P403-01
18. NEW 100mmØ PVC CONDUIT PIPE - CLASS 18
19. 75mm WIDE CHAIN DUG TRENCH

**CoA 628**

## PIPE WORK PLACEMENT AND BACKFILLING OF TRENCHES/EXCAVATION

REV	DESCRIPTION	DATE
A	ORIGINAL ISSUE	07/22

## CONSTRUCTION STANDARDS

## LANDSCAPE

### IRRIGATION

#### PIPE WORK PLACEMENT AND BACKFILLING OF TRENCHES/EXCAVATION - VARIOUS



SHEET NUMBER

**LS029**

REVISION

**A**