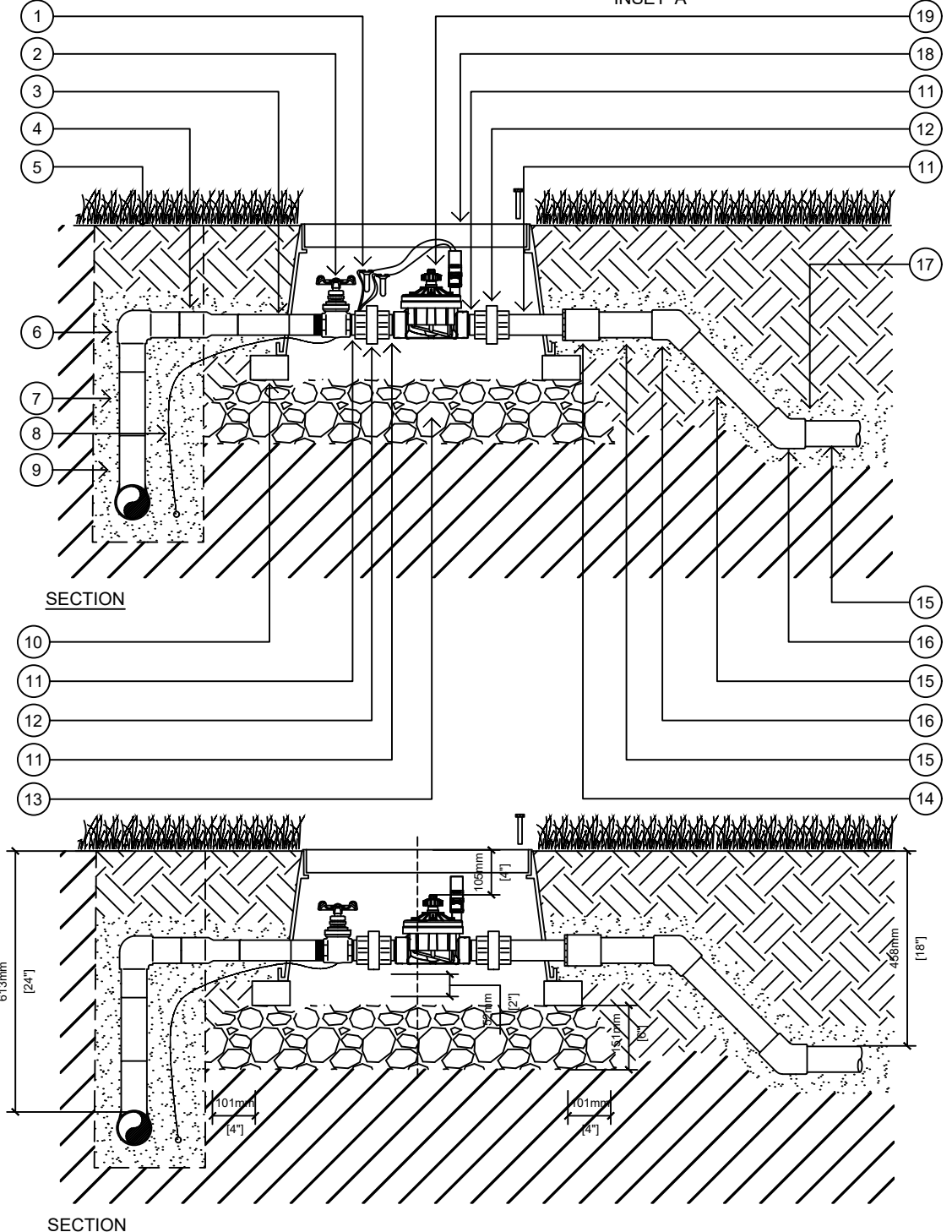
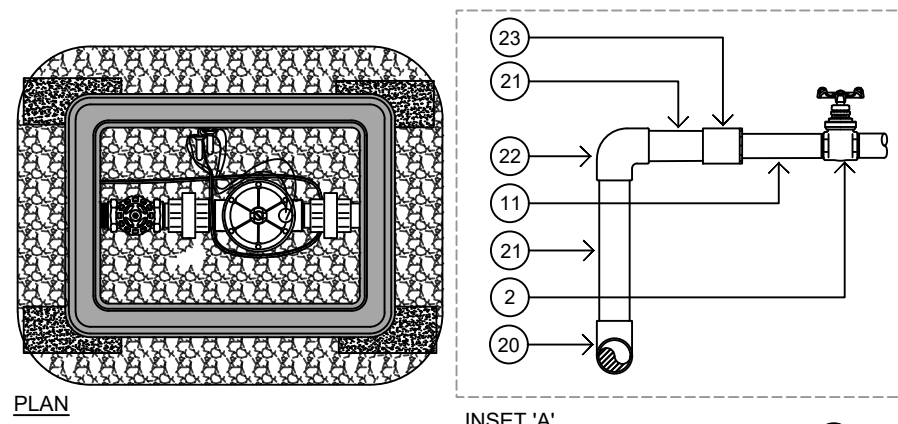


**ELECTRIC CONTROL VALVE
25mm TO 50mm**



LEGEND			
#	25mm ECV	38mm ECV	50mm ECV
1	600mm SLACK WIRE w/ WIRE CONNECTOR	600mm SLACK WIRE w/ WIRE CONNECTOR	600mm SLACK WIRE w/ WIRE CONNECTOR
2	25mm GATE VALVE	38mm GATE VALVE	50mm GATE VALVE
3	25mm STANDARD MIPT-NPT TRANSITION FITTING - MALE	38mm STANDARD MIPT-NPT TRANSITION FITTING - MALE	50mm STANDARD MIPT-NPT TRANSITION FITTING - MALE
4	50mm x 25mm MOLDED BUTT FUSION REDUCER	50mm x 38mm MOLDED BUTT FUSION REDUCER	50mm HDPE MAINLINE
5	FINISHED GRADE	FINISHED GRADE	FINISHED GRADE
6	50mm MOLDED BUTT FUSION 90° ELBOW	50mm MOLDED BUTT FUSION 90° ELBOW	50mm MOLDED BUTT FUSION 90° ELBOW
7	50mm HDPE PIPE, LENGTH TO VALVE HEIGHT	50mm HDPE PIPE, LENGTH TO VALVE HEIGHT	50mm HDPE PIPE, LENGTH TO VALVE HEIGHT
8	WIRING, REFER TO IRRIGATION DESIGN	WIRING, REFER TO IRRIGATION DESIGN	WIRING, REFER TO IRRIGATION DESIGN
9	MOLDED BUTT FUSION REDUCING TEE, REFER TO INSET 'A' IF USING A PVC MAINLINE	MOLDED BUTT FUSION REDUCING TEE, REFER TO INSET 'A' IF USING A PVC MAINLINE	MOLDED BUTT FUSION REDUCING TEE, REFER TO INSET 'A' IF USING A PVC MAINLINE
10	FOUR (4) BRICKS MIN., INSTALLED AT EACH CORNER	FOUR (4) BRICKS MIN., INSTALLED AT EACH CORNER	FOUR (4) BRICKS MIN., INSTALLED AT EACH CORNER
11	25mm SCH 80 NIPPLE CUT IN HALF, THREADED INTO GATE VALVE AND SOLVENT WELDED TO UNION	38mm SCH 80 NIPPLE CUT IN HALF, THREADED INTO GATE VALVE AND SOLVENT WELDED TO UNION	50mm SCH 80 NIPPLE CUT IN HALF, THREADED INTO GATE VALVE AND SOLVENT WELDED TO UNION
12	25mm SCH 80 SOCKET x SOCKET UNION	38mm SCH 80 SOCKET x SOCKET UNION	50mm SCH 80 SOCKET x SOCKET UNION
13	150mm DEPTH 25mm DRAIN ROCK, EXTEND 100mm PAST VALVE BOX	150mm DEPTH 25mm DRAIN ROCK, EXTEND 100mm PAST VALVE BOX	150mm DEPTH 25mm DRAIN ROCK, EXTEND 100mm PAST VALVE BOX
14	SCH 80 COUPLER w/ 25mm REDUCING BUSHING, REFER TO IRRIGATION DESIGN FOR LATERAL PIPE SIZING	SCH 80 COUPLER w/ 38mm REDUCING BUSHING, REFER TO IRRIGATION DESIGN FOR LATERAL PIPE SIZING	SCH 80 COUPLER w/ 50mm REDUCING BUSHING, REFER TO IRRIGATION DESIGN FOR LATERAL PIPE SIZING
15	CSA APPROVED CLASS 200 PVC LATERAL, REFER TO DESIGN FOR LATERAL PIPE SIZING	CSA APPROVED CLASS 200 PVC LATERAL, REFER TO DESIGN FOR LATERAL PIPE SIZING	CSA APPROVED CLASS 200 PVC LATERAL, REFER TO DESIGN FOR LATERAL PIPE SIZING
16	SCHEDULE 40 PVC 45° ELBOW TO TRENCH DEPTH	SCHEDULE 40 PVC 45° ELBOW TO TRENCH DEPTH	SCHEDULE 40 PVC 45° ELBOW TO TRENCH DEPTH
17	SAND BEDDING, REFER TO TRENCH SECTION	SAND BEDDING, REFER TO TRENCH SECTION	SAND BEDDING, REFER TO TRENCH SECTION
18	VALVE BOX	VALVE BOX	VALVE BOX
19	25mm ELECTRIC CONTROL VALVE	38mm ELECTRIC CONTROL VALVE	50mm ELECTRIC CONTROL VALVE
20	SCHEDULE 40 PVC TEE	SCHEDULE 40 PVC TEE	SCHEDULE 40 PVC TEE
21	SCHEDULE 40 PVC MAINLINE	SCHEDULE 40 PVC MAINLINE	SCHEDULE 40 PVC MAINLINE
22	SCHEDULE 40 90° ELBOW	SCHEDULE 40 90° ELBOW	SCHEDULE 40 90° ELBOW
23	SCHEDULE 80 COUPLING w/ REDUCING BUSHING, IF REQUIRED	SCHEDULE 80 COUPLING w/ REDUCING BUSHING, IF REQUIRED	SCHEDULE 80 COUPLING w/ REDUCING BUSHING, IF REQUIRED

- NOTE:
- CENTER VALVE IN VALVE BOX
 - INSTALL PLASTIC TAG ENGRAVED w/ ZONE NUMBER
 - MAINTAIN 50mm GAP BETWEEN BOTTOM OF VALVE & TOP OF DRAIN ROCK
 - WRAP VALVE BOX WITH LANDSCAPE FABRIC TO PREVENT INGRESS OF MATERIAL
 - DO NOT INSTALL VALVE OVER MAINLINE, INSTALL VALVE PERPENDICULAR TO MAINLINE
 - MAINTAIN 600mm OF SLACK TWO-WIRE CONDUCTOR IN VALVE BOX. TAPE WIRING TOGETHER

DETAIL TITLE:

DETAIL No.:
SS-IR.05d

SCALE:
1:15

APRIL 2024