PLASTIC VALVE BOX WITH LOCKING COVER (CONFLICT UNIVERSITY'S REPRESENTATIVE FOR COLOR), INSTALL AT FINISH SOIL GRADE

FINISH GRADE BEFORE MULCH

SURROUNDING SOIL COMPACTED TO 85% TO PREVENT SETTLEMENT AROUND BOX

TAG WITH CONTROLLER AND STATION NO.

PVC LATERAL TO SPRINKLERS

1" MINIMUM CLEARANCE FROM BOTTOM OF LID TO TOP OF VALVE ASSEMBLY - CURB OR WALK

REMOTE CONTROL VALVE

WIRE CONNECTION

GATE VALVE

SCH. 80 PVC NIPPLE 3" LONG T.O.E.

SCH.80 90° ELL (USE TEE WHEN QCV IS INSTALLED AT RCV)

TAPE

PVC SCH.80 T.O.E. NIPPLE LENGTH AS REQUIRED

PVC SCH. 80 MAIN LINE FITTING

NOTES:

1. ALL WIRES TO BE INSTALLED PER CODE.

2. PROVIDE EXPANSION COIL AT EACH CONNECTION IN VALVE BOX (WRAP AROUND 1/2" PIPE 15 TIMES).

3. COMPACT SOIL AROUND VALVE BOX TO SAME DENSITY AS UNDISTURBED SOIL.

4. GATE VALVE OPTIONAL IF VALVE IS PART OF MANIFOLD WITH A SEPARATE GATE VALVE.

5. MAINTAIN 3" OF CLEARANCE INSIDE ON EITHER SIDE OF VALVE BOX. UNION CAN BE LOCATED OUTSIDE OF BOX.