



scale:
dsnd:
drawn:
approved:

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

DOUBLE
CHECK
VALVE DETAIL

issue date

revisions

DETAIL F-6

GENERAL NOTES:

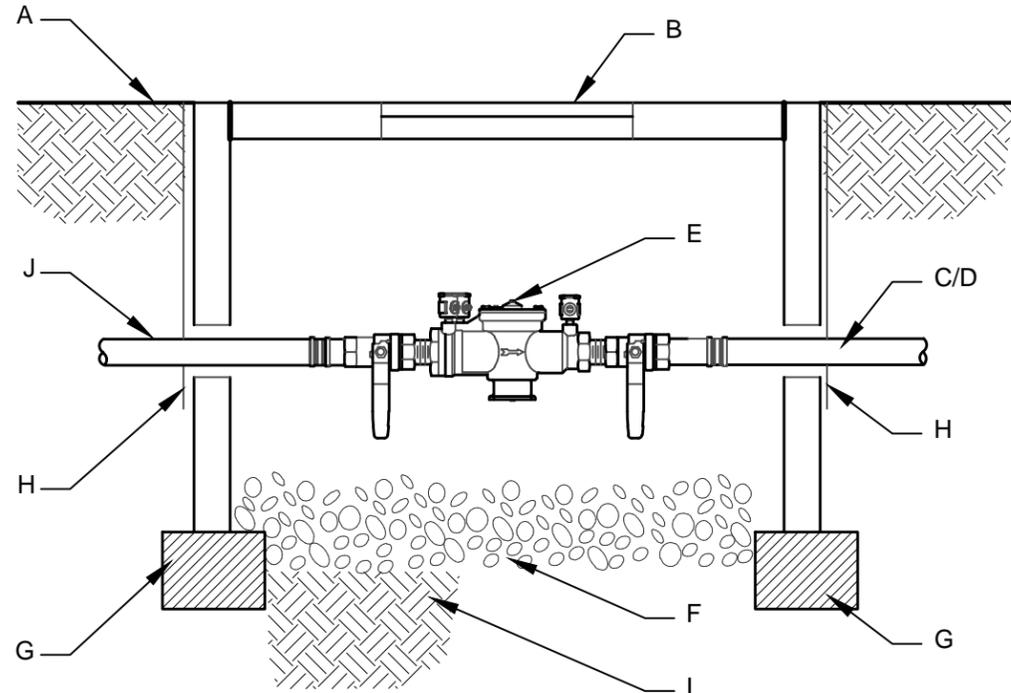
1. INSTALL 8" X 8" X 16" CMU BLOCKS ALL AROUND THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED TO ALLOW ACCESS AND OPERATION OF BALL VALVES.
3. SEE IRRIGATION PLANS FOR EQUIPMENT SPECIFICATIONS NOT CALLED OUT ON THIS DETAIL
4. MAINLINE SHALL BE INSTALLED A MINIMUM OF 18" DEEP FROM TOP OF PIPE.
5. INSTALL ISOLATION VALVE DOWNSTREAM FROM DOUBLE CHECK. REFER TO DETAIL F-8.
6. INSTALL GATE VALVE FOR MASTER SHUT-OFF AND 1/2" DRAIN VALVE.

CONSTRUCTION NOTES:

- A. FINISHED GRADE
- B. CONCRETE VALVE BOX AND EXTENSION WITH STEEL "DIAMOND PLATE" SOLID LID. INSTALL FLUSH TO FINISH GRADE. SEE NOTES BELOW FOR ACCEPTABLE MANUFACTURERS. SET FLUSH WITH FINISHED GRADE. ALLOW A MINIMUM OF 6" CLEARANCE ON ALL SIDES OF DOUBLE CHECK VALVE.
- C. MAINLINE
- D. SCHEDULE 80 PVC X 12" NIPPLE.
- E. DOUBLE CHECK VALVE ASSEMBLY.
- F. 6" DEPTH PEA GRAVEL.
- G. 8" X 8" X 16" CMU BLOCK.
- H. 6 MM BLACK POLYETHYLENE PLASTIC TAPE TO ALL INLET AND OUTLET PORTS OF VALVE BOX TO MINIMIZE SILTATION.
- I. COMPACTED SUBGRADE
- J. TYPE K COPPER SERVICE LINE.

MANUFACTURER NOTES:

1. CONCRETE VALVE BOX SHALL BE PROVIDED BY THE FOLLOWING ACCEPTABLE MANUFACTURERS:
 - OLDCASTLE PRECAST: MODEL #B65BOX WITH B65-61D STEEL COVER
 - BROOKS PRODUCTS: MODEL #65 METER BOX WITH 65-TF STEEL COVER (COMPLETE)
2. ALTERNATE MANUFACTURER'S PRODUCTS WILL BE CONSIDERED IF DEEMED EQUIVALENT IN MATERIALS, MANUFACTURING, FUNCTIONALITY, DURABILITY AND WARRANTY.



F
6 DOUBLE CHECK VALVE (IN BOX) DETAIL

NOT TO SCALE