



scale:  
dsnd:  
drawn:  
approved:

Standard Construction Details

for  
City of Dallas  
Park and Recreation Department

Typical Construction Details

LANDSCAPE  
DETAILS

QUICK  
COUPLING  
VALVE  
DETAIL

issue date

revisions

DETAIL F-13

**GENERAL NOTES:**

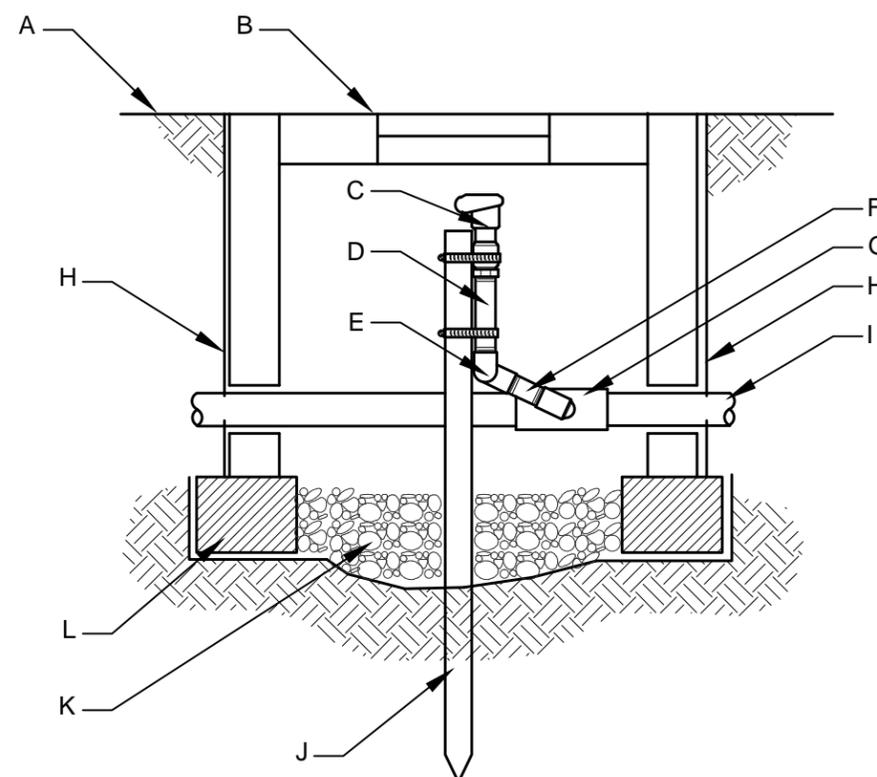
1. INSTALL 8" X 8" X 16" SOLID CMU BLOCK ALL AROUND THE VALVE BOX.
2. PEA GRAVEL SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.
3. MAIN LINE SHALL HAVE A MINIMUM OF 18" COVER. LATERAL LINE SHALL HAVE A MINIMUM 12" COVER.
4. CENTER VALVE ASSEMBLY IN VALVE BOX.

**CONSTRUCTION NOTES:**

- A. FINISH GRADE.
- B. CONCRETE VALVE BOX AND EXTENSION WITH STEEL LID. INSTALL FLUSH TO FINISH GRADE. SEE NOTES BELOW FOR ACCEPTABLE MANUFACTURERS.
- C. QUICK-COUPLING VALVE WITH LOCKABLE "NON-POTABLE WATER" PURPLE LID (REFERENCE SPECIFICATIONS FOR MODEL AND MANUFACTURER) .
- D. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED).
- E. PVC SCH 40 ELL.
- F. LASCO SWING JOINT ASSEMBLY.
- G. PVC SCH 40 TEE OR ELL.
- H. FILTER FABRIC - TAPE TO ALL INLET AND OUTLET PORTS OF VALVE BOX TO MINIMIZE SILTATION
- I. PVC MAINLINE PIPE 18" MIN. DEPTH
- J. 1.1" X 30" GALVANIZED STEEL PIPE WITH TWO STAINLESS STEEL WORM GEAR CLAMPS.
- K. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL.
- L. 8" X 8" X 16" SOLID CMU BLOCK.

**MANUFACTURER NOTES:**

1. CONCRETE VALVE BOX SHALL BE LOCKABLE AND 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.
3. SET Q.C. VALVE AT HEIGHT TO ALLOW USE OF KEY HANDLE ABOVE BOX.



**F** QUICK COUPLING VALVE DETAIL  
**13**

NOT TO SCALE