



scale:  
dsnd:  
drawn:  
approved:

Standard Construction Details

for  
City of Dallas  
Park and Recreation Department

Typical Construction Details

LANDSCAPE  
DETAILS

IRRIGATION  
ELECTRIC  
VALVE DETAIL

issue date

revisions

DETAIL F-7

**GENERAL NOTES:**

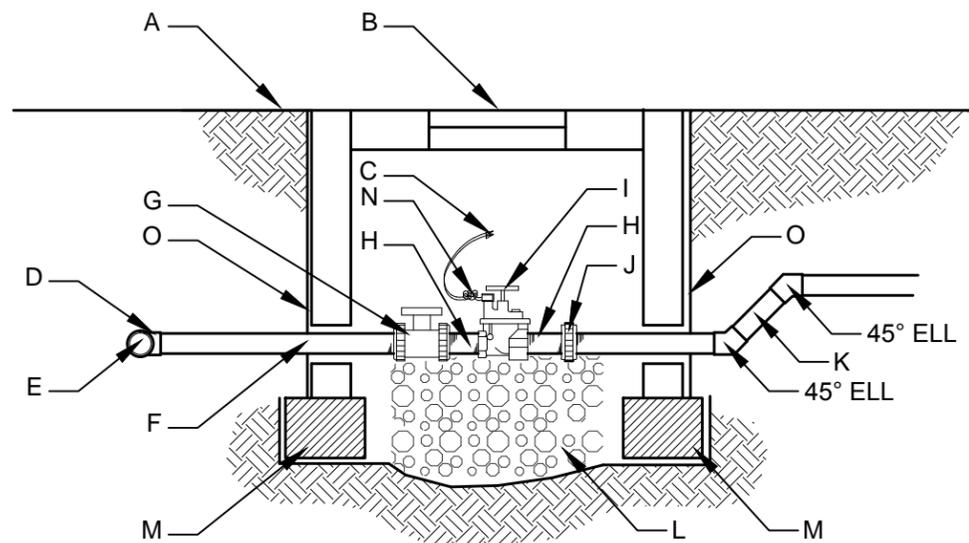
1. INSTALL 8" X 8" X 16" SOLID CMU BLOCK ALL AROUND THE VALVE BOX.
2. PEA GRAVEL SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.
3. MAIN LINE SHALL HAVE A MINIMUM OF 18" COVER. LATERAL LINE SHALL HAVE A MINIMUM 12" COVER.
4. PROVIDE A 24" WIRE EXPANSION COIL AT SPLICE WIRE CONNECTION (TOM KING BLACK/OR EQUAL).
5. 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. "TOM KING BLACK" SPLICE CONNECTORS.
- D. IRRIGATION MAINLINE.
- E. IRRIGATION MAINLINE SERVICE TEE OR ELL.
- F. SCHEDULE 80 PVC X 12" NIPPLE.
- G. SPEARS TRUE UNION SCHEDULE 80 PVC BALL VALVE.
- H. SCHEDULE 80 PVC CLOSE NIPPLE.
- I. ELECTRIC VALVE (SEE PLAN).
- J. SPEARS SCHEDULE 80 PVC UNION.
- K. LATERAL LINE.
- L. MINIMUM 6" DEPTH PEA GRAVEL.
- M. 8"X8"X16" SOLID CMU BLOCK.
- N. 24" WIRE EXPANSION COIL.
- O. FILTER FABRIC - TAPE TO ALL INLET AND OUTLET PORTS OF VALVE BOX TO MINIMIZE SILTATION.

**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**  
**7** IRRIGATION ELECTRIC VALVE DETAIL

NOT TO SCALE