



**NOTES:**

1. NO FLANGED JOINTS ARE TO BE BURIED.

2. AFTER INSTALLATION, TIE-RODS AND CLAMP ASSEMBLIES SHALL BE CLEANED AND THOROUGHLY COATED WITH BITUMASTIC OR APPROVED EQUIVALENT.



LATEST REVISION

07/14/2017

**CITY OF CUMMING**

DEPARTMENT OF UTILITIES

**THRUST RESTRAINT:**  
**TIE ROD INSTALLATION**

DETAIL NUMBER:

**W-18**

SCALE: NOT TO SCALE