

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T -180.

2. TRENCH BACK FILL: COMMON FILL COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T -180. 3. USE OF TYPE "A" BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY OF GROVELAND. REQUIRED AS DIRECTED BY THE CITY OF GROVELAND.

4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.

WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION. 6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.

7. SHEETING AND BRACING SHALL BE USED IN ACCORDANCE WITH CURRENT TRENCHING REGULATIONS AND WHERE UNSAFE CONDITIONS. 8. EXISTING GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING, IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS

THAN 15". AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER. 9. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. CITY AND/OR PROJECT ENGINEER SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.



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CLASS A BEDDING AND TRENCHING DETAIL

1. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET RETWEEN THE OLITSIDE OF THE

STORMWATER FORCE MAIN, OR RECLAIMED WATER MAIN REGULATED UNDER PART III

MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER,

OF CHAPTER 62-610, F.A.C., (TYPICAL MUNICIPAL RECLAIMED WATER).

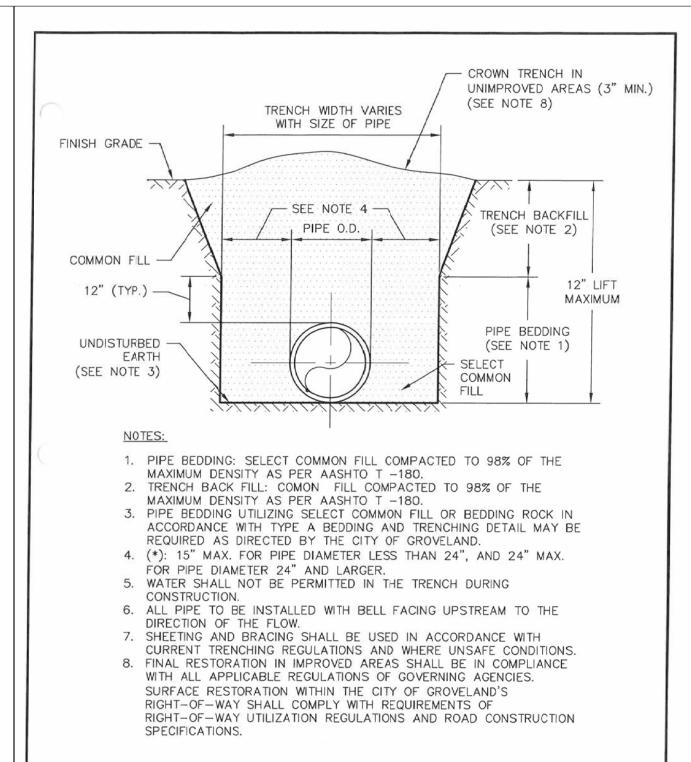
SCALE: N.T.S. G-4

DATE: JULY 7, 2008

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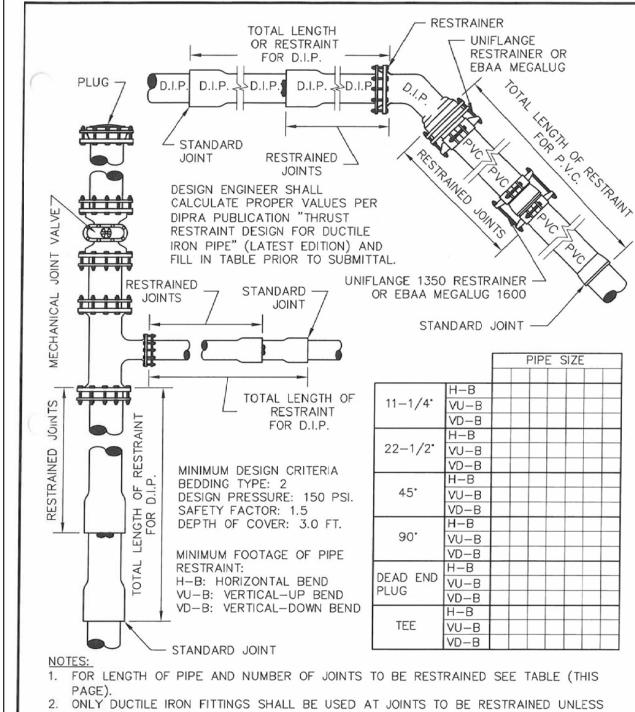
SCALE: N.T.S.

DATE: JULY 7, 2008



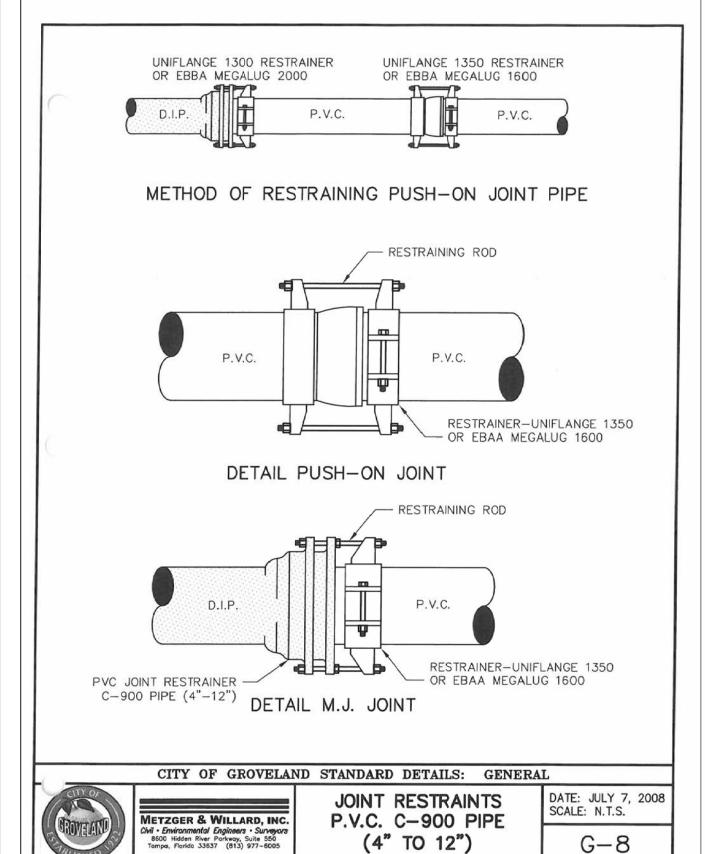


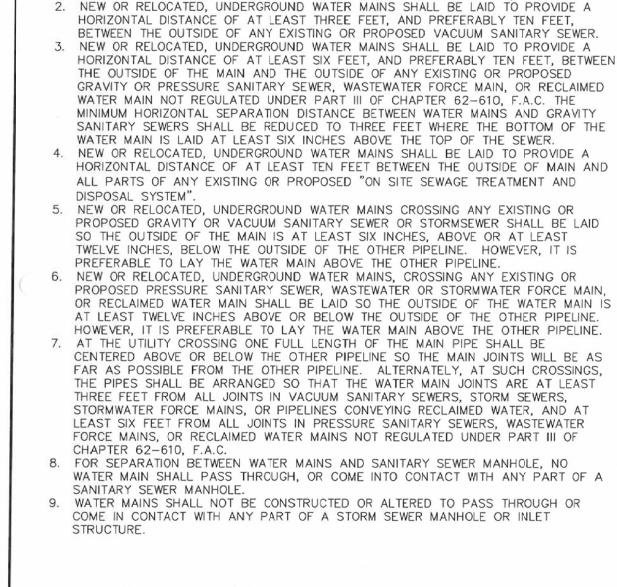
DATE: JULY 7, 2008 SCALE: N.T.S. G-5



OTHERWISE SPECIFIED BY CITY.

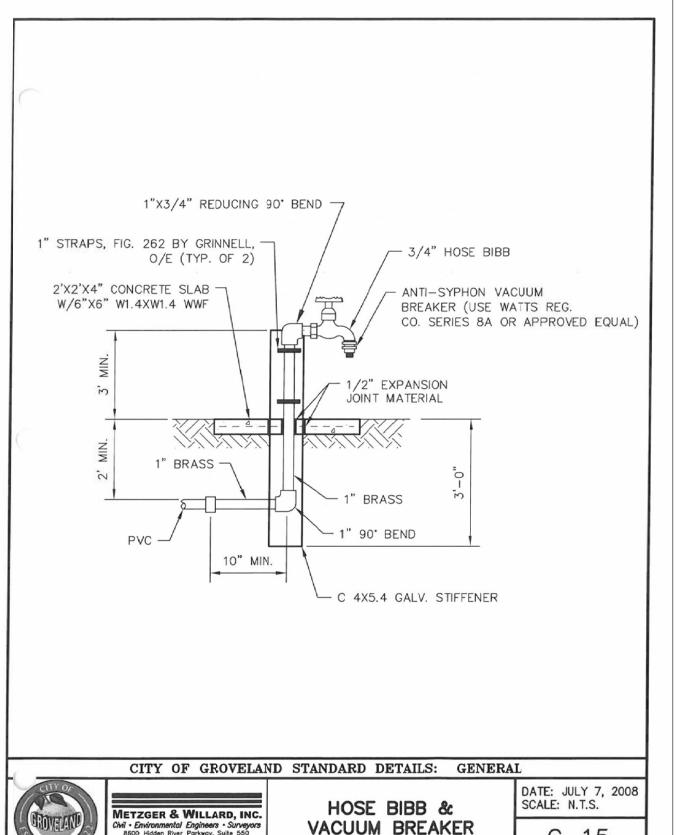
CITY OF GROVELAND STANDARD DETAILS: GENERAL DATE: JULY 7, 2008 SCALE: N.T.S. RESTRAINED JOINTS **DETAILS** G-7

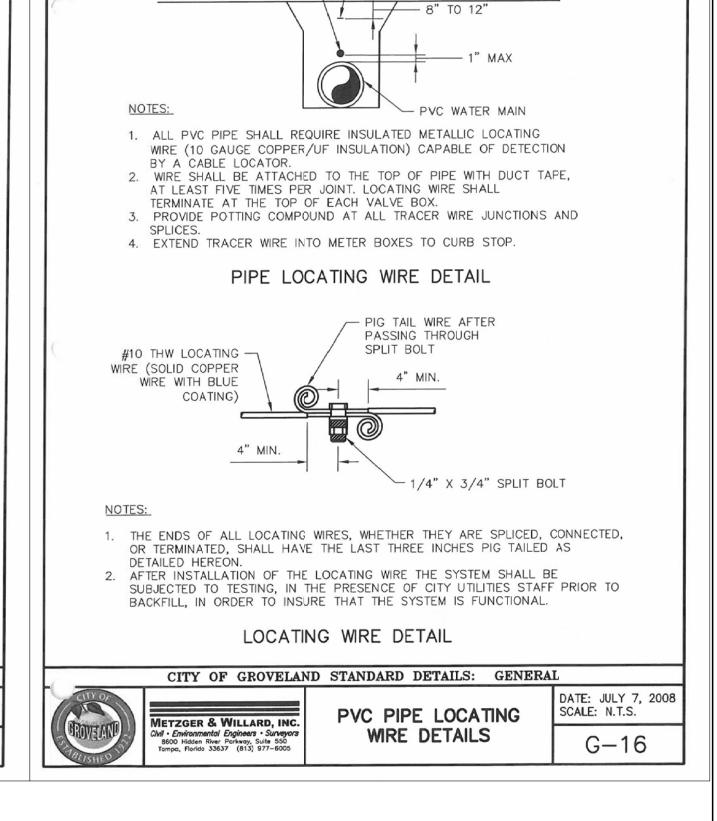


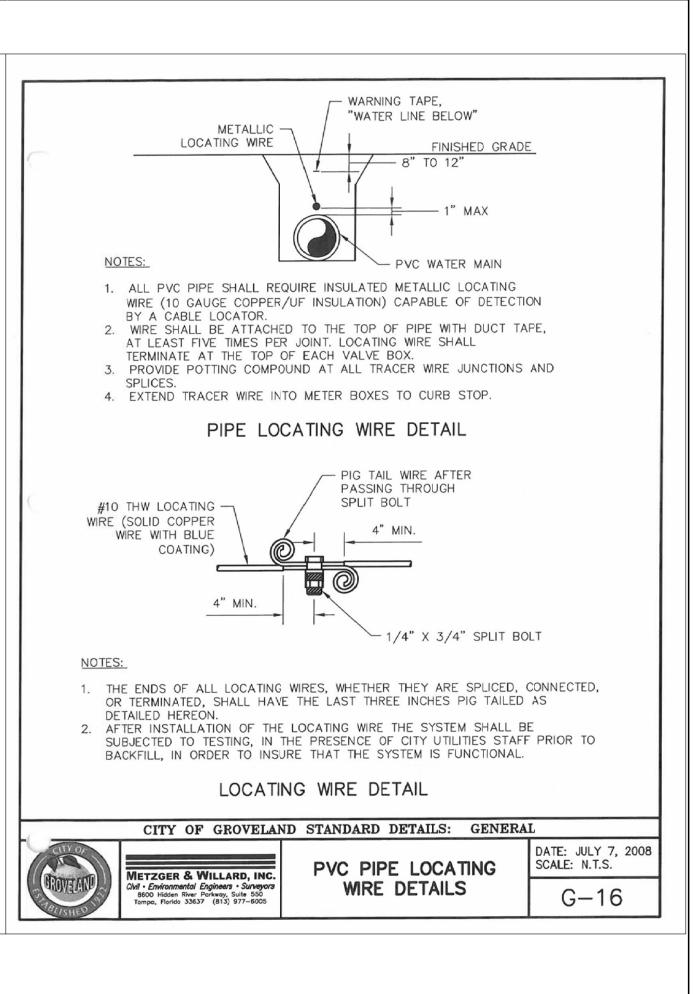


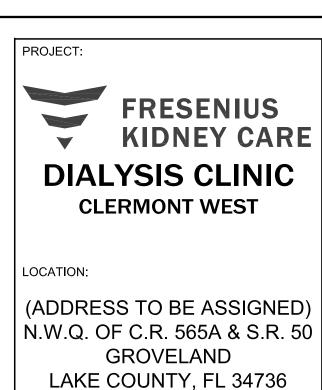
CITY OF GROVELAND STANDARD DETAILS: GENERAL

METZGER & WILLARD, INC. PIPING CLEARANCE NOTES









DEVELOPER:

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SEAL:

REVISIONS PROJECT MANAGER:

DRAWING BY: JEC JURISDICTION: CITY OF GROVELAND, FL DATE: 19 MAY 2016 TITLE:

CITY OF **GROVELAND**

SHEET NUMBER:

SCALE:

JOB/FILE NUMBER: 865.001