



NOTICE TO CONTRACTORS



Date: 1/14/16

Effective Date: February 15, 2016

Subject: **Plumbing Underground Re-piping of all Structures**

The City of Marco Island Building Department will require a FL. Licensed Design Professional to provide design parameters for all underground re-pipes **(DWV & Potable)** that require the tunneling of Structures. The plans shall include all applicable information relating to **Shoring, Ventilation, and Backfill/Compaction** directives.

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306.3 Backfilling.

Backfill shall be free from discarded construction material and debris. Loose earth free from rocks, broken concrete and frozen chunks shall be placed in the trench in 6-inch (152 mm) layers and tamped in place until the crown of the pipe is covered by 12 inches (305 mm) of tamped earth. The backfill under and beside the pipe shall be compacted for pipe support. Backfill shall be brought up evenly on both sides of the pipe so that the pipe remains aligned. In instances where the manufacturer's instructions for materials are more restrictive than those prescribed by the code, the material shall be installed in accordance with the more restrictive requirement.

306.4 Tunneling.

Where pipe is to be installed by tunneling, jacking or a combination of both, the pipe shall be protected from damage during installation and from subsequent uneven loading. Where earth tunnels are used, adequate supporting structures shall be provided to prevent future settling or caving.

Joseph Berko
Chief Building Official

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