



City of Columbus
Mayor Michael B. Coleman

Department of Public Utilities
John R. Doult, P.E., Director

RULE AND REGULATION 2001-05
Division of Water
Department of Public Utilities

September 2001

SUBJECT: Sleeving Process

This Rule and Regulation supersedes 94-1.

Pursuant to the authority granted under Columbus City Codes Section 1101, the Director of the Department of Public Utilities hereby adopts, establishes, and publishes this rule and regulation to be effective at the earliest date allowed by law. This rule and regulation is in addition to any established requirements that have not been superseded or rescinded by this or any previous act.

APPLICATION

Sleeving requirements for all plastic service lines ¾" and 1".

SLEEVING MATERIAL

Service Lines entering premises through a Slab, Finished Floor, or Crawlspace

All new polyethylene service lines, sizes ¾" and 1", shall be sleeved with 2" Polyethylene or approved equal. Sleeving material shall be one continuous piece, devoid of seams, breaks or other jointures. The sleeve shall be placed around the service line, flush with the building's finished flooring, extending back through the foundation, to a minimum distance of four (4) feet beyond the outside wall into the backfill area.

The sleeve must be sealed to the service line at both ends with rubber "O" rings or an approved waterproof silicone type material. The sleeve must also be sealed to the foundation. The service line should be installed perpendicular (90 degree angle) to the foundation. Waterproofing tar material on outside of foundation shall not come into contact with the service line material.

Utilities Complex	910 Dublin Road	Columbus, Ohio 43215	
Director's Office	614/645-6141	FAX: 614/645-8019	TDD: 614/645-6454
Sewerage and Drainage Division	614/645-7175	FAX: 614/645-3801	TDD: 614/645-6338
Water Division	614/645-7020	FAX: 614/645-8177	TDD: 614/645-7188
Electricity Division	3500 Indianola Avenue	Columbus, Ohio 43214	
	614/645-8371	FAX: 614/645-7830	TDD: 614/645-6454

Service Lines entering premises through a Basement Wall

All new polyethylene service lines, sizes ¾" and 1", shall be sleeved with 1 ½" PVC, Schedule 40. Sleeving material shall be one continuous piece, devoid of seams, breaks or other jointures. The sleeve should be placed around the service line, flush with the foundation's inside wall, extending through the foundation to a minimum distance of four (4) feet beyond the outside wall into the backfill area.

The sleeve must be sealed to the service line at both ends with rubber "O" rings or an approved waterproof silicone type material. The sleeve must also be sealed to the foundation. The service line should be installed perpendicular (90 degree angle) to the foundation. Waterproofing tar material on outside of foundation shall not come into contact with the service line material.

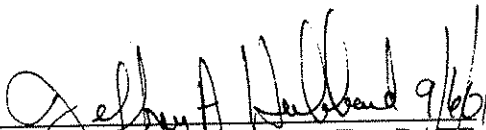
APPURTENANCE


All appurtenances associated with the water service, including but not limited to, the water meter, tapping valves, containment backflow preventors and pits, shall be approved by the Division of Water, and comply with all pertinent Codes, Rules and Regulations and Standard Detail Drawings.

REFERENCE

Standard Detail Drawing L-8503.

APPROVED:


JEFFREY A. HUBBARD, P.E. DATE
ADMINISTRATOR
DIVISION OF WATER


JOHN R. DOUTH, P.E. DATE
DIRECTOR
PUBLIC UTILITIES