CONTINUOUS MATERIAL INSTALLATION

Inverted "Continuous" Liner
ASTM F1216

7.4.2 Using Air Pressure...

"The inversion air pressure shall be adjusted to be of sufficient pressure to cause the impregnated tube to invert from ***point of inversion to point of termination*** *and hold the tube tight to the pipe wall,* ***(A) producing dimples at side connections."***

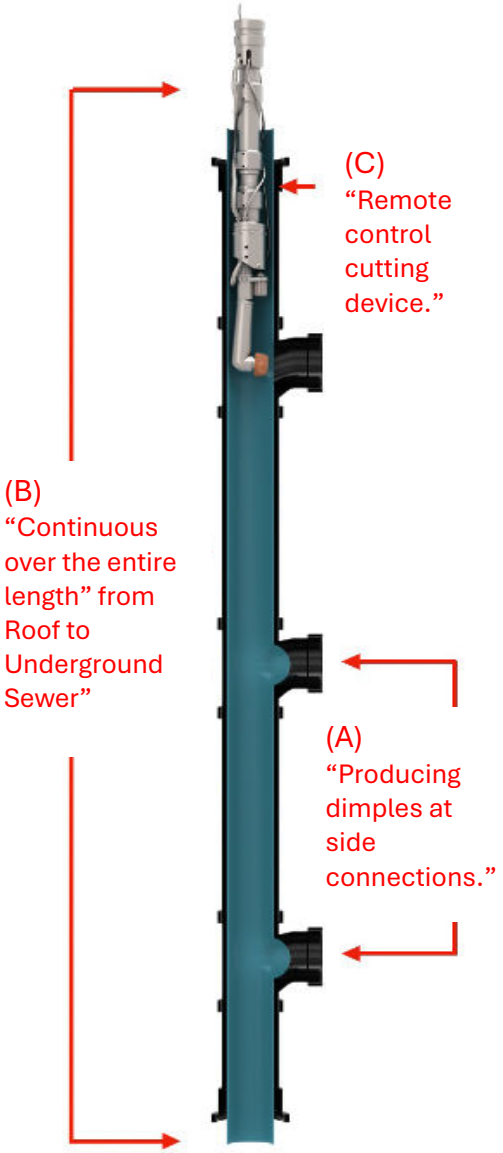
("Dimples" identify Branch Connections to be robotically reinstated not gapped.)

7.8 Workmanship

"The finished pipe shall be ***(B) continuous over the entire length*** *of an inversion run and be free of dry spots, lifts, and delamination."*

7.9 Service Connections

"After the new pipe has been cured in place, the existing active service connections shall be reconnected. This should generally be done without excavation, and in the case of non-worker entry pipes, from the interior of the pipeline by means of a television camera and a ***(C) remote-control cutting device."***



Pulled-in-Place "Continuous" Liner
ASTM F1743

6.4.2 Pulling Resin-Impregnated Tube into Position...

"The saturated fabric tube should be pulled through an existing manhole or other approved access to fully extend to the next designated manhole or termination point... ***(A) producing dimples at side connections."***

("Dimples" identify Branch Connections to be robotically reinstated not gapped.)

6.8 Workmanship

"The finished CIPP should be ***(B) continuous over the entire length*** *of an installation and be free of dry spots, lifts, and delamination."*

6.9 Service Connections

"After the new CIPP has been installed, the existing active (or inactive) service connection should be reinstated. This should generally be done without excavation, and in the case of non-man entry pipes, from the interior of the pipeline by means of a television camera and a ***(C) remote-control cutting device.*** *Service connections shall be reinstated to at least 90% of the original area as it enters the host pipe or conduit."*