

DIAMOND  **PLASTICS®**
C O R P O R A T I O N

Corporate Headquarters: 1212 Johnstown Rd. • P.O. Box 1608 • Grand Island, NE 68802-1608
800-PVC-PIPE • 800/782-7473 • www.dpcpipe.com

August 30, 2018

Jed Friesen
PREDL SYSTEMS

RE: Use of Diamond Plastics PVC pipe as manhole risers

Jed,

Diamond Plastics PVC pipe is designed for use for over 100 years when used as a sewer pipe with no concerns of exposure to the chemicals in a sewer system, so the use as a manhole riser is acceptable. Diamond Plastics does not feel the holes tapped into the pipe wall to mount a ladder if desired will compromise the pipe for its use as a manhole riser.

Testing was performed in our facility and it was determined that the capability of PVC pipe as a riser holding a vertical load was not compromised even when the riser circular dimension was deflected to as much as 30%. The design calculations by Predl Systems confirms the testing performed in our facility.

Diamond Plastics also believes the connections to the PVC riser pipe will not cause a problem. PVC gravity sewer pipe is commonly tapped using saddle T's and Inserta Tee's without failure of the pipe.

If we may be of further assistance in this matter, please do not hesitate to call us. For your convenience, please use our toll-free phone 1-800-PVC-PIPE (1-800-782-7473.)

Sincerely,

DIAMOND PLASTICS CORPORATION



Larry D. Schmidt, P.E.
Director of Engineering

Celebrating 30 Years of Excellence

Manufacturing Locations:

Grand Island, Nebraska - Lubbock, Texas - Macon, Georgia - Muncie, Indiana
Golconda, Nevada - Plaquemine, Louisiana - Casa Grande, Arizona