

By the people who
INVENTED Linestopping
for the Water Industry!

* OD Range to fit cast iron, ductile iron,
C-900 & SDR 21/22 Class 200/160 PVC
& Steel Pipe

AUTHORIZED REPRESENTATIVE:

Nominal Pipe Size (Inches)	Valve OD Range (Inches)
4"	4.40 - 4.60 4.80 - 5.00*
6"	6.40 - 6.60 6.70 - 7.10*
8"	8.35 - 8.75 8.95 - 9.35
10"	10.64 - 10.86 11.10 - 11.50*
12"	12.62 - 12.88 13.20 - 13.60*

Larger fitting sizes are available upon request

VALVE INSERTION MADE EZ

EZ VALVE makes all other methods of installing a valve "under pressure" obsolete! No tapping machine required, no temporary valve required, no coupon to drop, no heavy equipment to transport and move around the jobsite or operate.

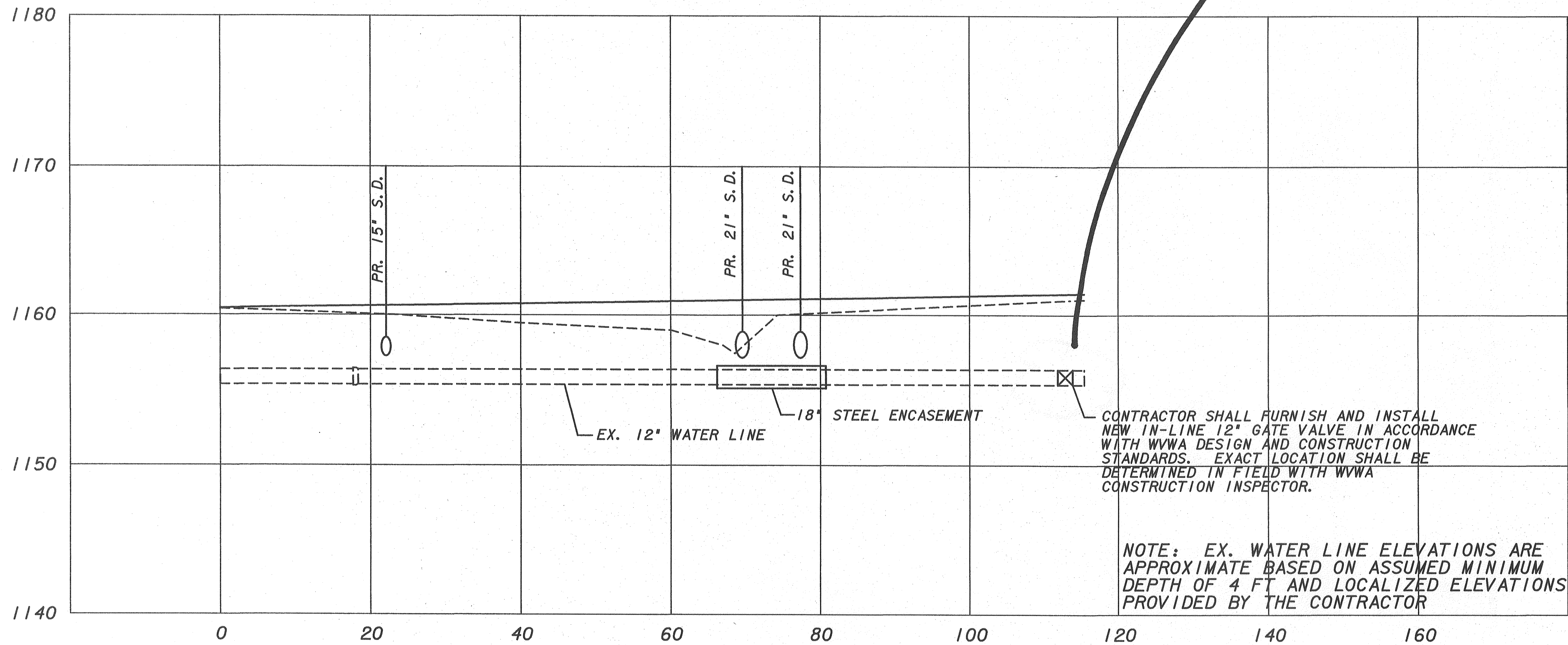
The EZ VALVE is less expensive than any other insertion valve, can be easily transported in the trunk of a car and can be installed in less than one hour. Making the EZ VALVE system the fastest, most economical, most reliable valve insertion system in the world.

The EZ VALVE internal parts (gate) are removable or replaceable "under pressure," with out the need to use the installation equipment. The EZ VALVE "mills" a slot across the top of the pipe, 120 degrees, preserving the integrity of the pipe while providing a rigid support for the gate.

With over 9,000 installations world wide, EZ VALVE is the only logical choice for professional valve insertions! Sizes 20" thru 24" coming soon!

Contact your nearest AVT representative or contact us direct at:

 **ADVANCED VALVE TECHNOLOGIES, LLC.**
12601 South Homan Avenue / Blue Island, IL 60406 / Phone: 877.489.4909 or 708.489.4900
Visit our web site: www.avtinstall.com



- 1180 NOTES:
1. NOTIFY WWA AT LEAST 5 DAYS PRIOR TO VALVE INSERTION. SCHEDULE PRE-CONSTRUCTION MEETING WITH APPROPRIATE AUTHORITY PERSONNEL.
- 1170 2. INSTALL CUT-IN VALVE AS INDICATED. INTERRUPTION TO SERVICE TO INSTALL VALVE ON EXISTING 12" WATERLINE SHALL ONLY OCCUR BETWEEN THE HOURS OF 11:00PM AND 5:00AM.
- 1170 3. THE MINIMUM ALLOWABLE SEPARATION BETWEEN THE OUTSIDE OF THE EXISTING WATERLINE AND THE PROPOSED STORM DRAIN PIPE IS 18 INCHES. IN AREAS WHERE CROSSINGS ARE LESS THAN 18 INCHES CROSSINGS SHALL BE PERFORMED IN ACCORDANCE WITH WWA DESIGN AND CONSTRUCTION DETAIL S-16.
- 1160 4. A WWA INSPECTOR/ENGINEER SHALL BE ON SITE AT ALL TIMES DURING SERVICE INTERRUPTION. ONLY WWA PERSONNEL MAY OPERATE MAIN LINE VALVES OR FIRE HYDRANTS.
- 1160 5. INSTALL VALVE VAULT PER WWA STANDARDS.
- 1150 6. A 18" STEEL ENCASEMENT PIPE WITH SPIDERS MUST BE PLACED AT THE CROSSING OF THE EXISTING WATER LINE AT THE TWO PROPOSED 21" STORM DRAIN PIPES. SPACERS AND CARRIER PIPE SHALL BE PLACED PER WWA STANDARD S-18. THIS ENCASEMENT MUST EXTEND A MINIMUM OF 5 FEET BEYOND THE OUTSIDE WALL OF THE STORM DRAIN PIPE.
- 1140 7. TO PLACE THE STEEL ENCASEMENT, CUT THE STEEL ENCASEMENT PIPE IN HALF. PLACE SPIDERS ON THE 12" WATER LINE, AND PLACE THE ENCASEMENT PIPE OVER THE WATER LINE AND SPIDERS AND WELD THE ENCASEMENT PIPE SHUT.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
11-04-10	KB	RFI #149			

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DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CM	CM	09/21/09	CM	CM	09/21/09
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
KB	KB	09/21/09	KB	KB	09/21/09

SUPERVISED BY KERRIE BOYETTE, P.E.

**PROPOSED COMMERCIAL DEVELOPMENT
ROANOKE, ROANOKE COUNTY, VIRGINIA
WATER LINE RELOCATION PLAN**

DRAWING NUMBER
24-11