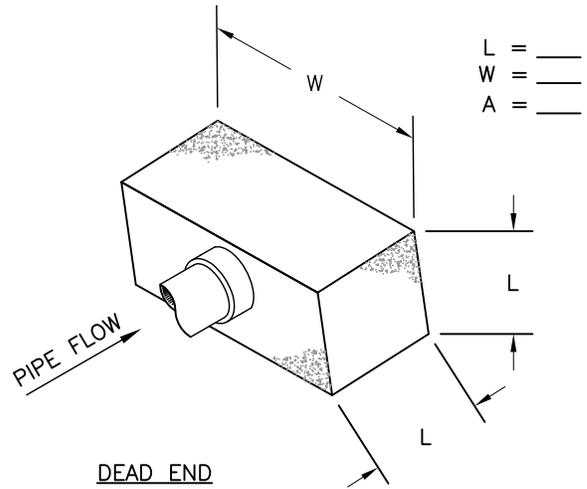


ELBOW

QUANTITY \_\_\_\_\_

L = \_\_\_\_\_  
W = \_\_\_\_\_  
A = \_\_\_\_\_

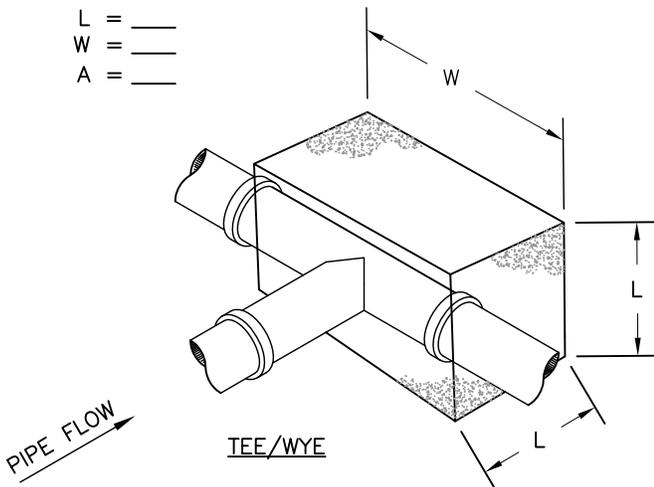


DEAD END

QUANTITY \_\_\_\_\_

L = \_\_\_\_\_  
W = \_\_\_\_\_  
A = \_\_\_\_\_

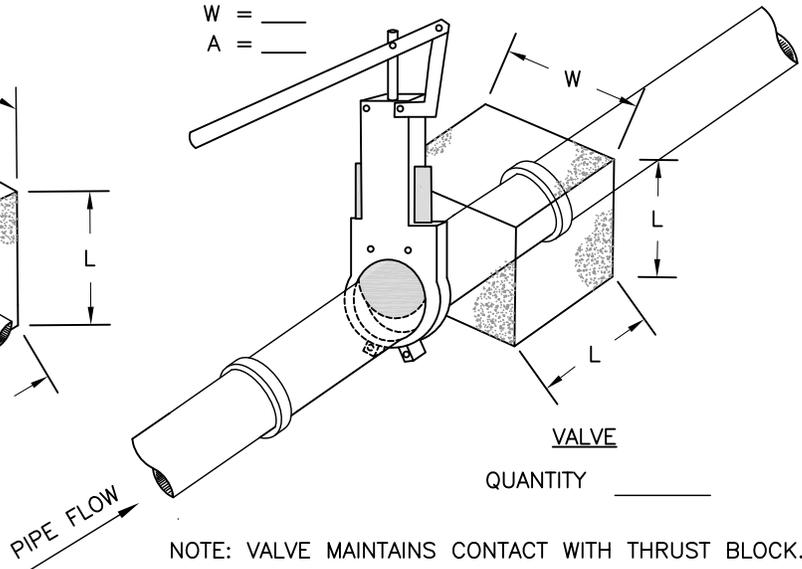
L = \_\_\_\_\_  
W = \_\_\_\_\_  
A = \_\_\_\_\_



TEE/WYE

QUANTITY \_\_\_\_\_

L = \_\_\_\_\_  
W = \_\_\_\_\_  
A = \_\_\_\_\_



VALVE

QUANTITY \_\_\_\_\_

NOTE: VALVE MAINTAINS CONTACT WITH THRUST BLOCK.

NOTES:

A = MINIMUM BEARING AREA REQUIRED. (W x L)

QUANTITY = NUMBER OF THRUST BLOCKS REQUIRED

THRUST BLOCKS SHALL:

- BE CAST IN PLACE
- ENCASE THE PIPE A MINIMUM OF 8 INCHES ON ALL SIDES.  
THE THRUST BLOCK DIMENSION ON ALL SIDES = PIPE DIAMETER + 16 INCHES
- BE PLACED AGAINST UNDISTURBED OR COMPACTED TRENCH WALL.
- BE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI CONCRETE.

IT IS NOT NECESSARY TO FORM THRUST BLOCKS

TOTAL CONCRETE QUANTITY  
(Cu Yds) \_\_\_\_\_

STANDARDIZED DESIGNS – MUST BE ADAPTED TO THE SPECIFIC SITE

DRAWING NOT TO SCALE



United States  
Department of  
Agriculture

Natural Resources  
Conservation Service

CONCRETE THRUST BLOCK  
ELBOW, DEAD END, TEE, VALVE

CLIENT: \_\_\_\_\_

COUNTY: \_\_\_\_\_

Date \_\_\_\_\_  
Designed \_\_\_\_\_  
Drawn \_\_\_\_\_  
Checked \_\_\_\_\_  
Approved \_\_\_\_\_

File Name  
WI-730  
Date  
07/14  
Sheet of \_\_\_\_\_