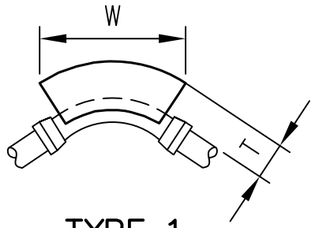
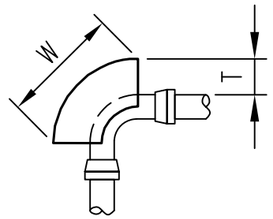
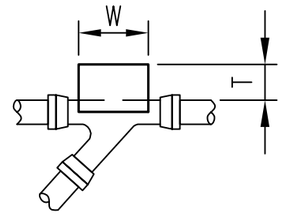


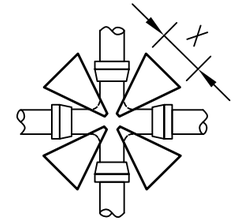
TYPE 1
(See Section A)



TYPE 2
(See Section A)



TYPE 3
(See Section A)



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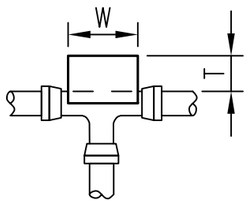
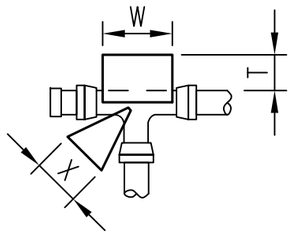
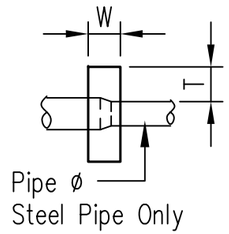
(See Section A)



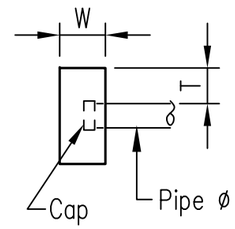
TYPE 5
(See Section A)



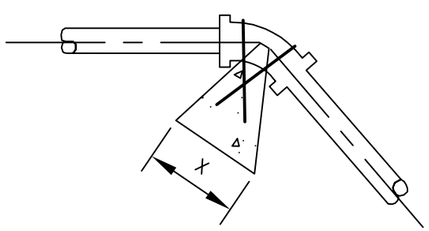
TYPE 6
(See Section A)



TYPE 7
(See Section B)

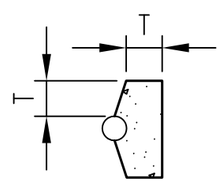


TYPE 8
(See Section B)

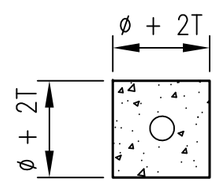


TYPE 9
Gravity Thrust Block
(See Section C)

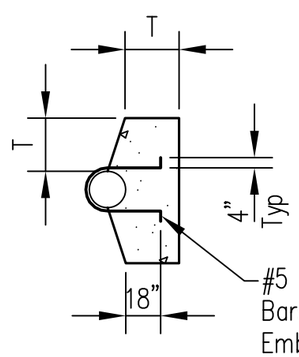
Adapted From Alaska
Drawing AK516-0010



SECTION A



SECTION B



#5 Or #6 Epoxy Coated Or Galvanized Bars Bent To Conform To Fitting And Embedded In Concrete.

SECTION C

DIMENSIONS					
Station	Block Type	T (in)	W (in)	X (in)	Conc. Qty. (cu. yd.)
				Total	

NOTES:
1. All thrust blocks shall be constructed using 3000 psi concrete cast in place.
2. All thrust blocks shall be formed against a solid hand excavated trench wall undamaged by mechanical equipment.
3. Cover all fittings with plastic sheeting (5 mil minimum thickness) prior to pouring concrete. Care shall be taken that the joint, including bolts, will remain accessible.
4. Install thrust blocks at locations specified on construction plans. If joints, bends or valves are added to the pipeline, additional thrust blocks will be needed.

Not To Scale

Date
Designed
Drawn M. QUINONES 7/13
Checked
Approved

CONCRETE THRUST BLOCK DETAILS FOR PIPE LINES

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

File No.
IL-ENG-125
Drawing No.
Page 1 of 1
Sheet of