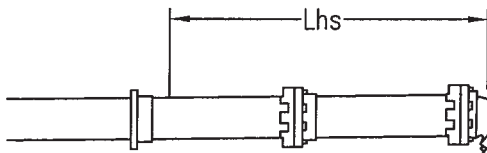


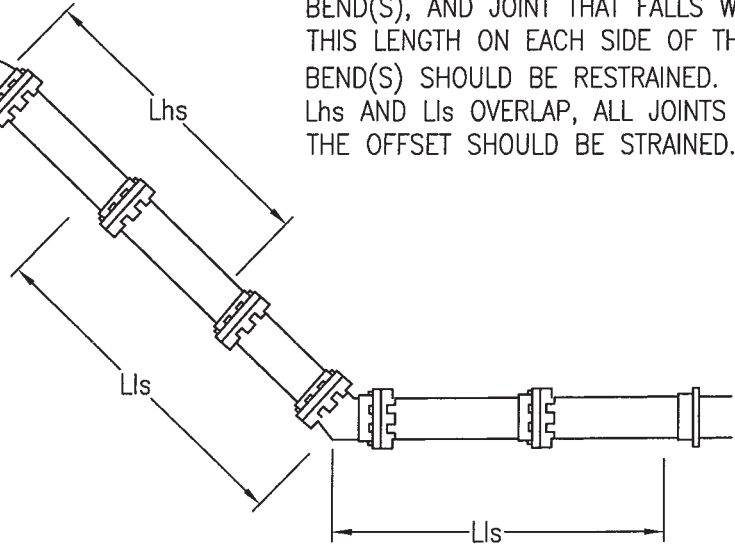
DOWN BEND RESTRAINED LENGTH



VERTICAL OFFSETS CONTAIN DOWN BENDS AND UP BENDS.

DOWN BEND— THE RECOMMENDED RESTRAINED LENGTH FOR THE DOWN BEND(S) IS L_{hs} OR "LENGTH HIGH SIDE", IN ADDITION TO RESTRAINING THE DOWN BEND(S), AND JOINT THAT FALLS WITHIN THIS LENGTH ON EACH SIDE OF THE DOWN BEND SHOULD BE RESTRAINED.

UP BEND— THE RECOMMENDED RESTRAINED LENGTH FOR THE UP BEND(S) IS L_{ls} OR "LENGTH LOW SIDE", IN ADDITION TO RESTRAINING THE UP BEND(S), AND JOINT THAT FALLS WITHIN THIS LENGTH ON EACH SIDE OF THE UP BEND(S) SHOULD BE RESTRAINED. IF L_{hs} AND L_{ls} OVERLAP, ALL JOINTS OF THE OFFSET SHOULD BE STRAINED.



UP BEND RESTRAINED LENGTH