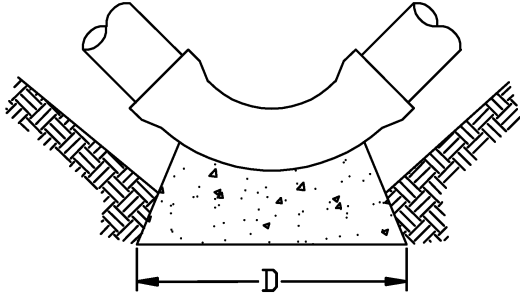
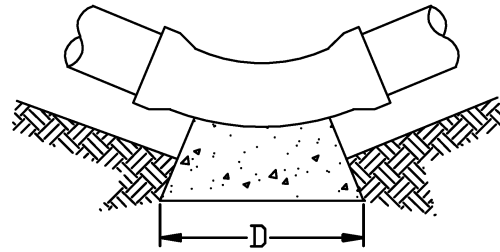


90° BEND PLAN



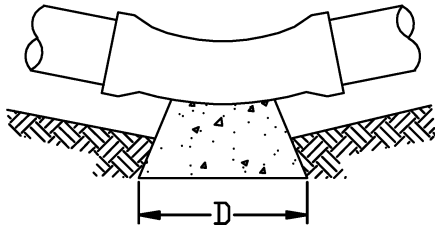
D = 3' 6" FOR 4" PIPE
 D = 4' 0" FOR 6" PIPE
 D = 4' 6" FOR 8" PIPE
 D = 5' 0" FOR 10" PIPE

45° BEND PLAN



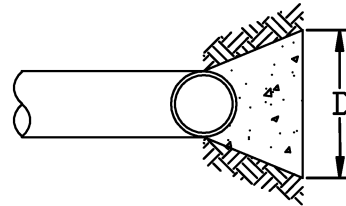
D = 1' 8" FOR 4" PIPE
 D = 2' 4" FOR 6" PIPE
 D = 3' 0" FOR 8" PIPE
 D = 3' 6" FOR 10" PIPE

22 1/2° BEND PLAN



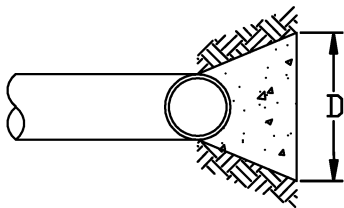
D = 1' 8" FOR 4" PIPE
 D = 2' 0" FOR 6" PIPE
 D = 2' 10" FOR 8" PIPE
 D = 3' 6" FOR 10" PIPE

SECTION



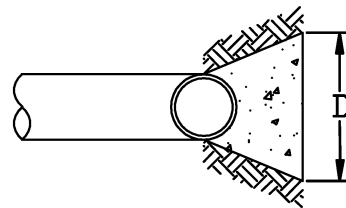
D = 1' 0" FOR 4" PIPE
 D = 1' 8" FOR 6" PIPE
 D = 2' 3" FOR 8" PIPE
 D = 2' 8" FOR 10" PIPE

SECTION



D = 1' 0" FOR 4" PIPE
 D = 1' 6" FOR 6" PIPE
 D = 1' 10" FOR 8" PIPE
 D = 2' 4" FOR 10" PIPE

SECTION



D = 1' 0" FOR 4" PIPE
 D = 1' 3" FOR 6" PIPE
 D = 1' 5" FOR 8" PIPE
 D = 2' 0" FOR 10" PIPE

MEGA-LUG ALTERNATIVE FOR BENDS 22 1/2° AND LESS