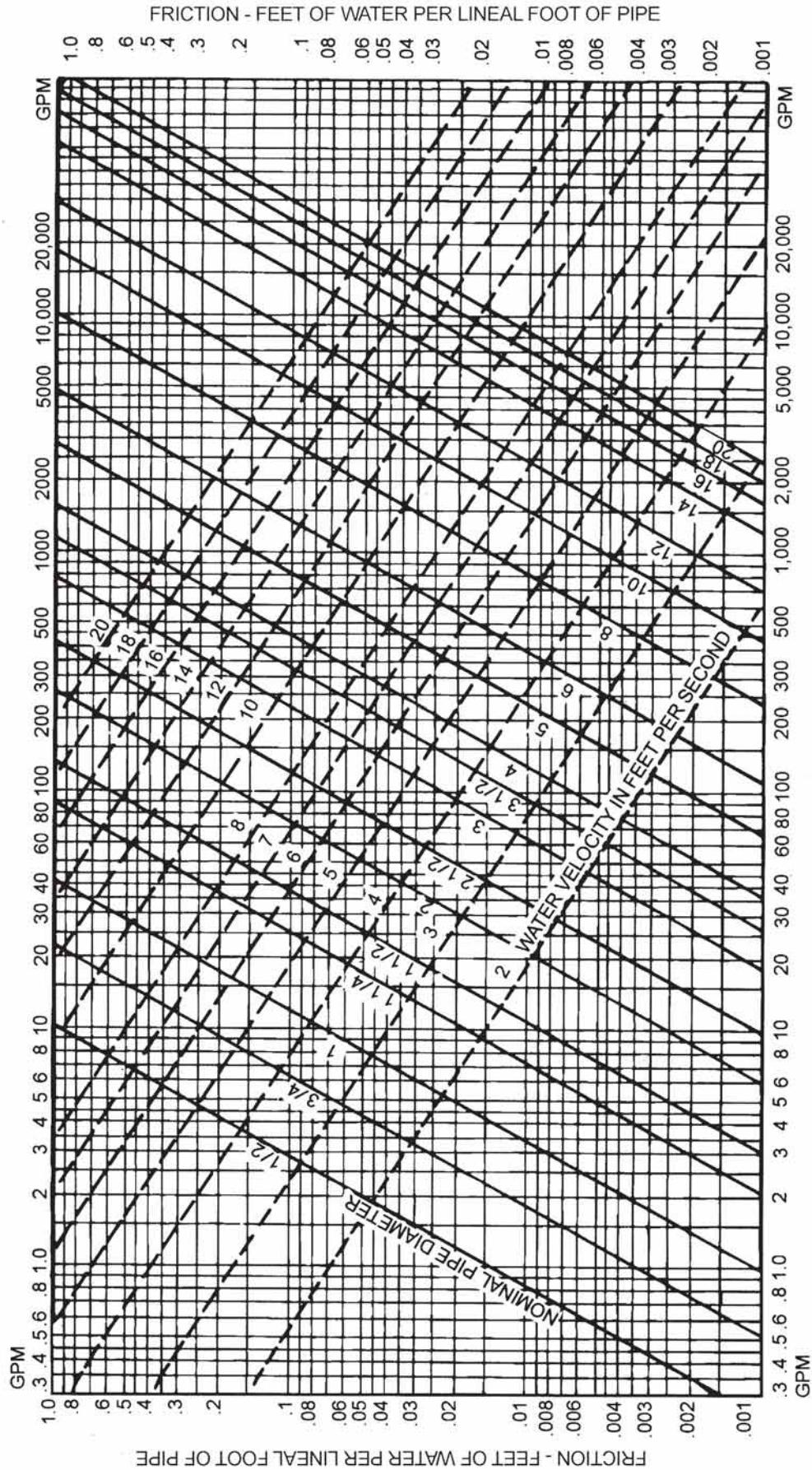
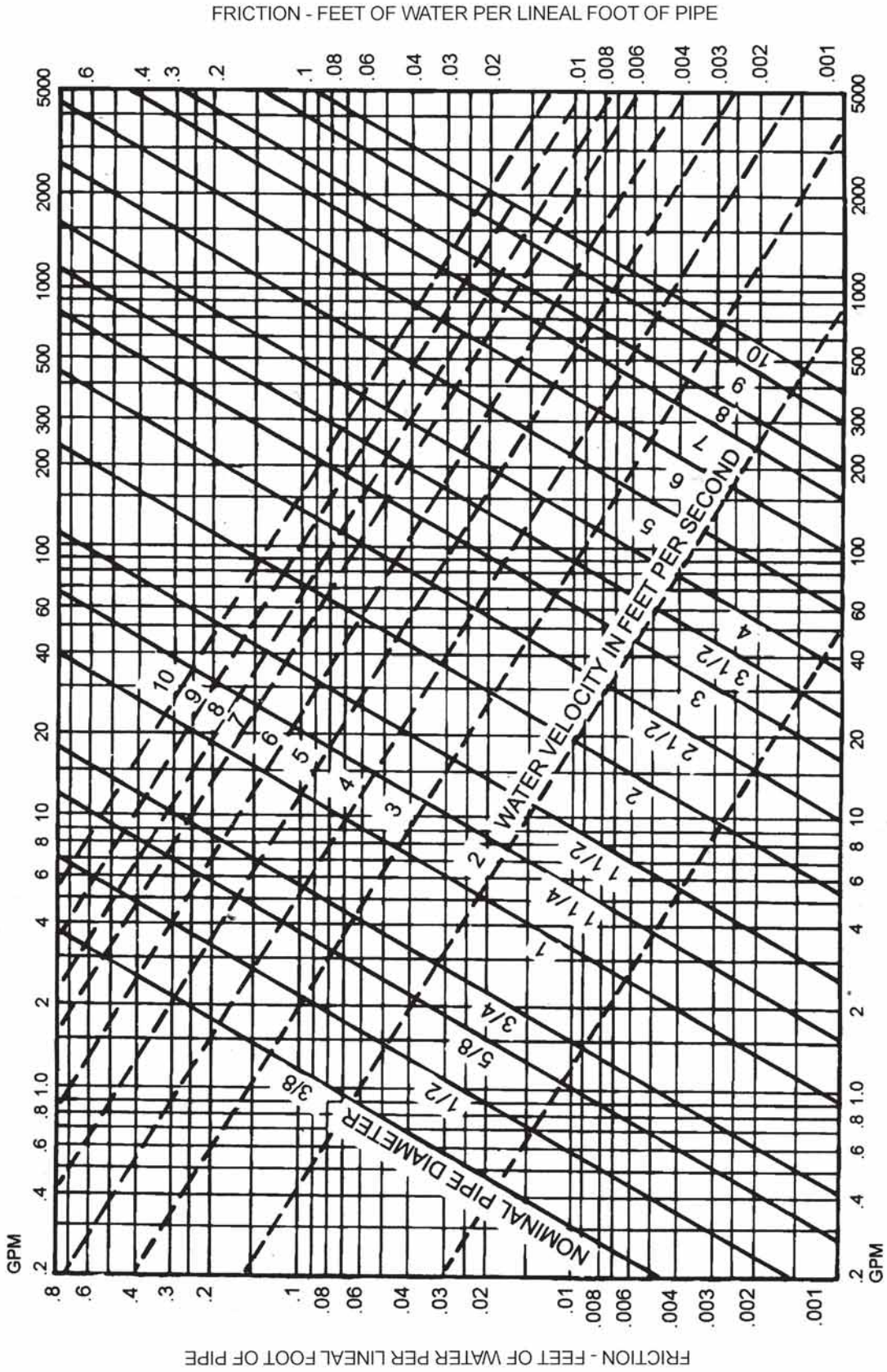




FRICITION LOSS CHART BLACK IRON OR STEEL PIPE



FRICION LOSS CHART
TYPE L COPPER TUBING



FLOW - GALLONS PER MINUTE
TYPE L COPPER TUBING