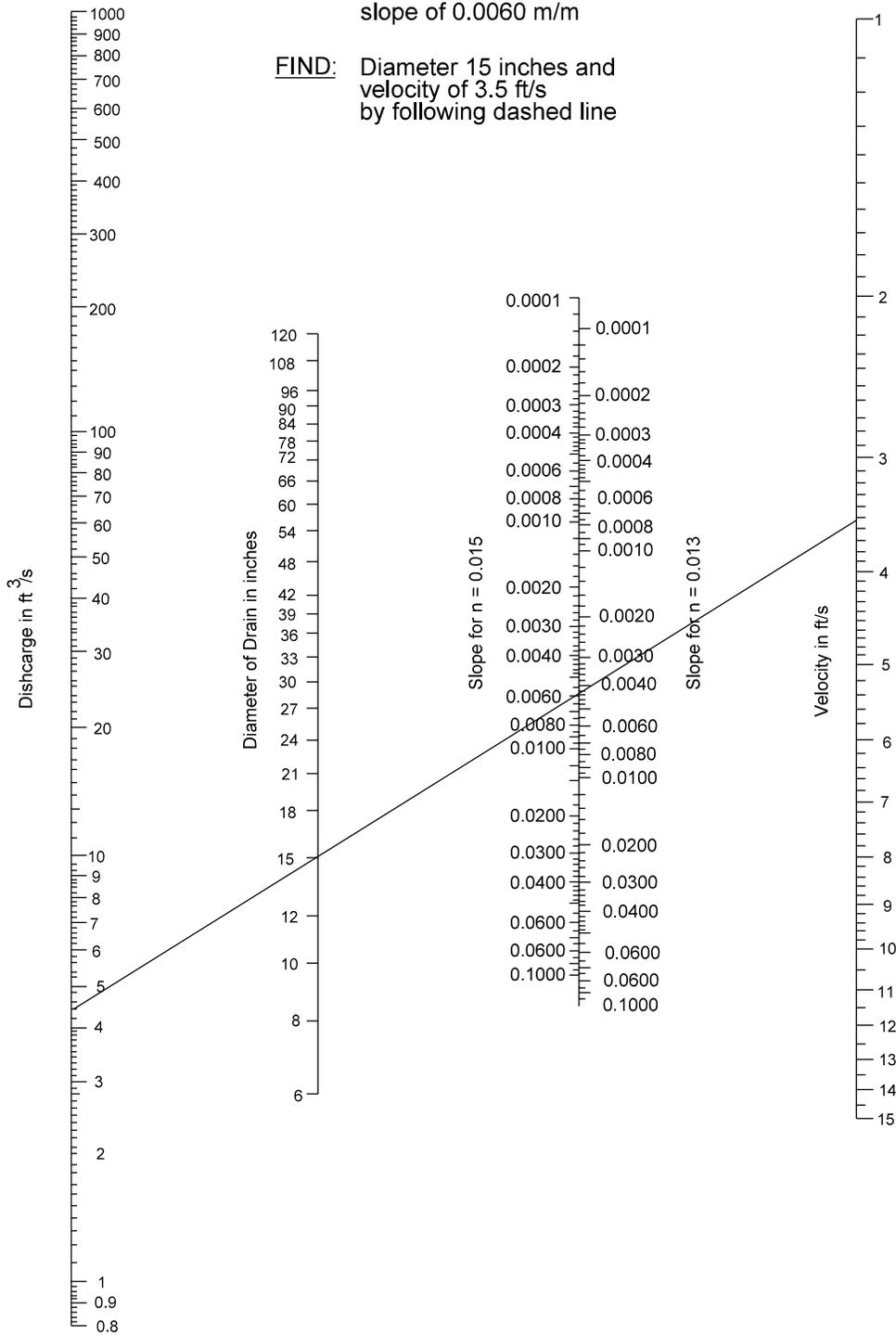


EXAMPLE: Given discharge $Q = 4.4 \text{ ft}^3/\text{s}$
 friction factor $n = 0.015$
 slope of 0.0060 m/m

FIND: Diameter 15 inches and
 velocity of 3.5 ft/s
 by following dashed line



**NOMOGRAPH FOR COMPUTING REQUIRED SIZE
 OF CIRCULAR DRAIN FOR FULL FLOW
 ($n = 0.013$ or $n = 0.015$)**

Figure 36-12B