

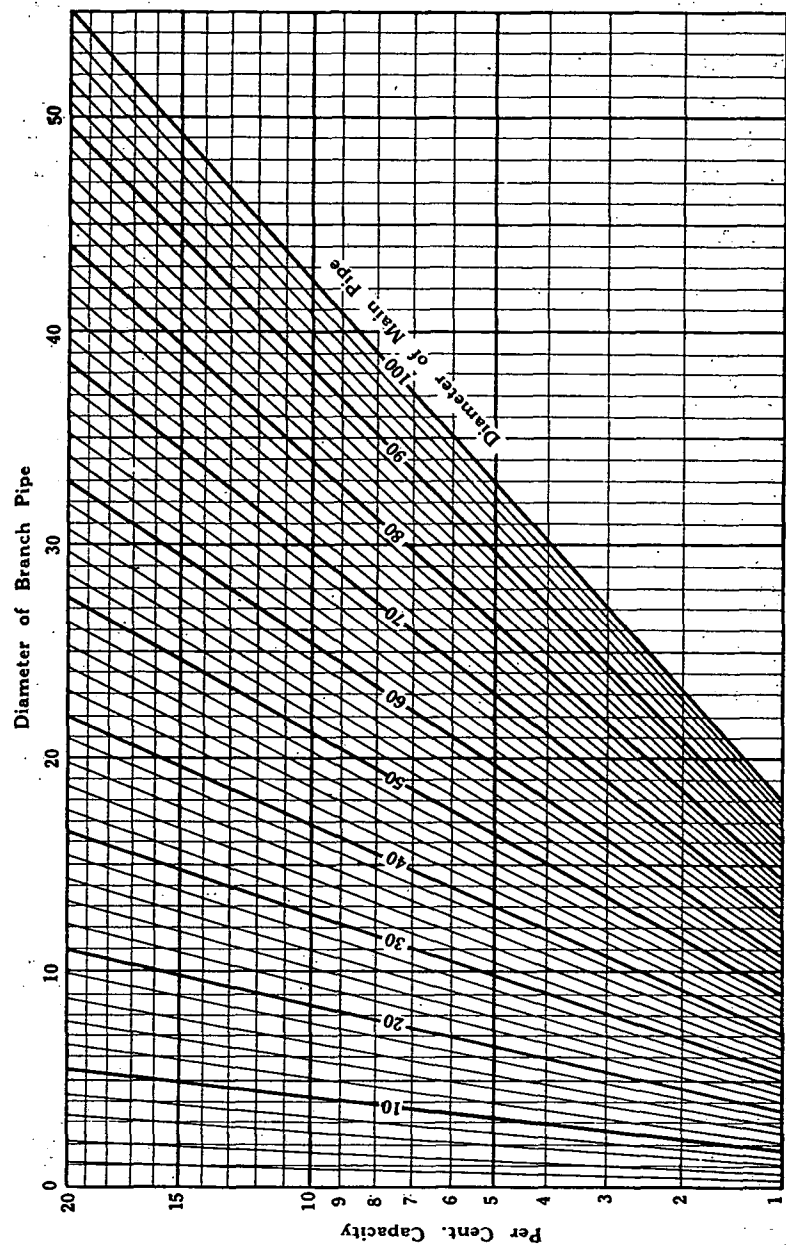


FIG. 4. MAIN AND BRANCH PIPES FOR EQUAL FRICTION PER FOOT OF LENGTH (1 TO 20 PER CENT CAPACITY).

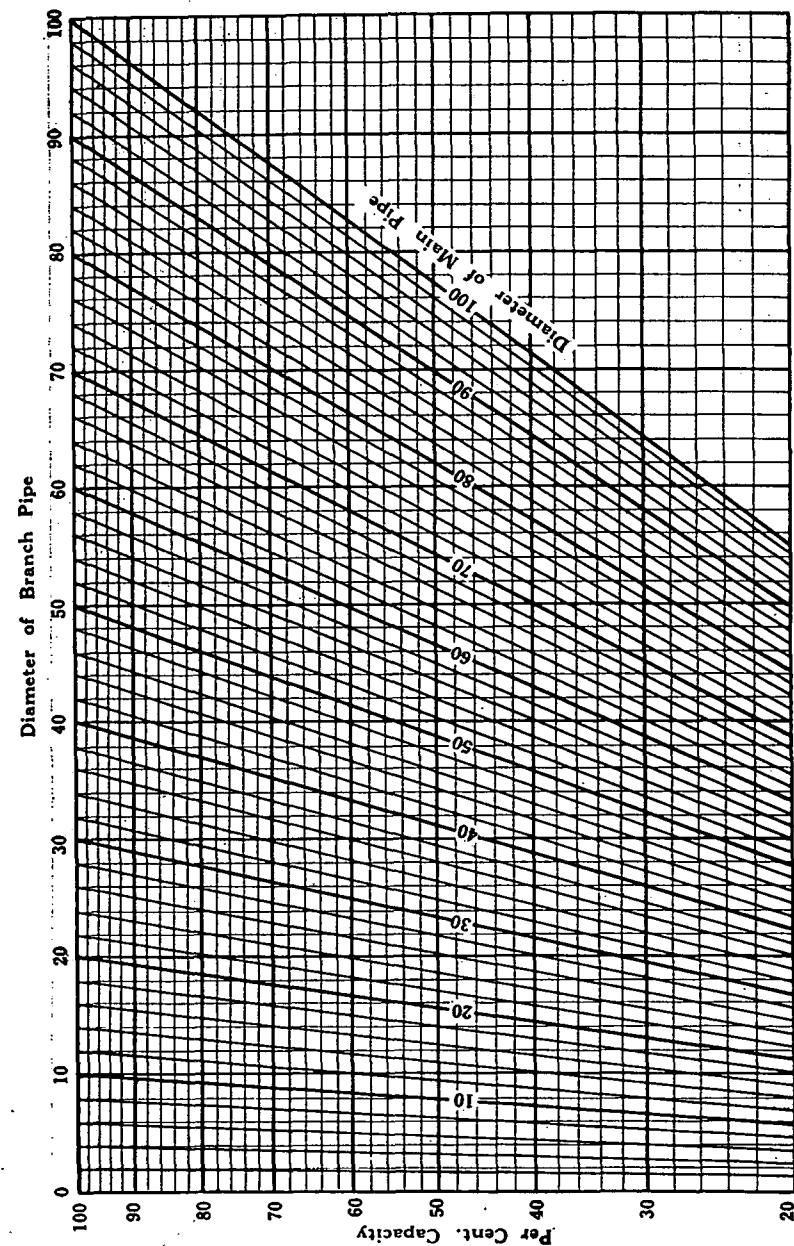


FIG. 5. MAIN AND BRANCH PIPES FOR EQUAL FRICTION PER FOOT OF LENGTH (20 TO 100 PER CENT CAPACITY).