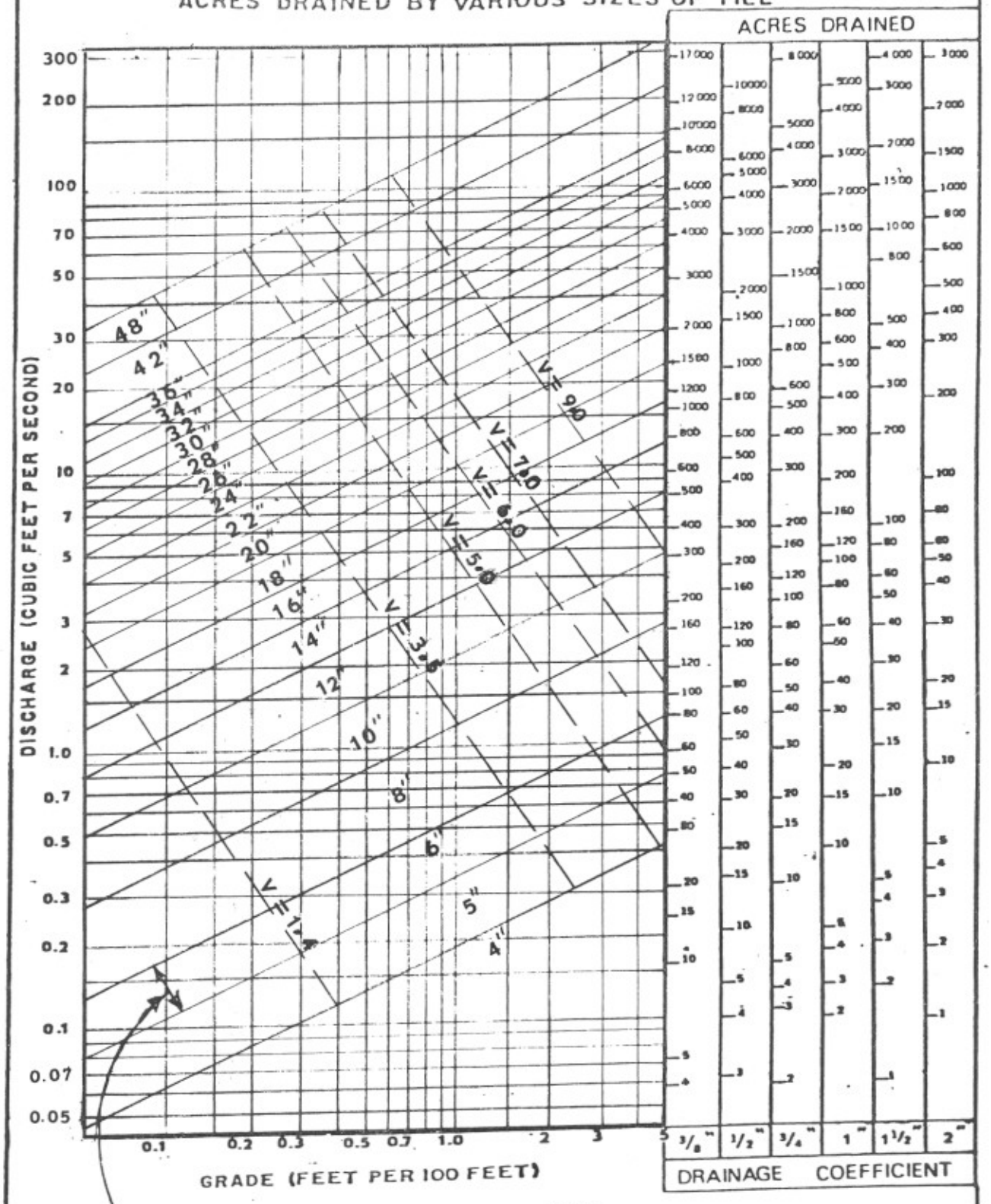
RIGID TILE DRAINAGE CHART

P. 14-109

ACRES DRAINED BY VARIOUS SIZES OF TILE



Space between lines is the range of tile capacity for the size shown between lines

Tile roughness coefficient "n" = 0.013.

V = Velocity (feet per second)

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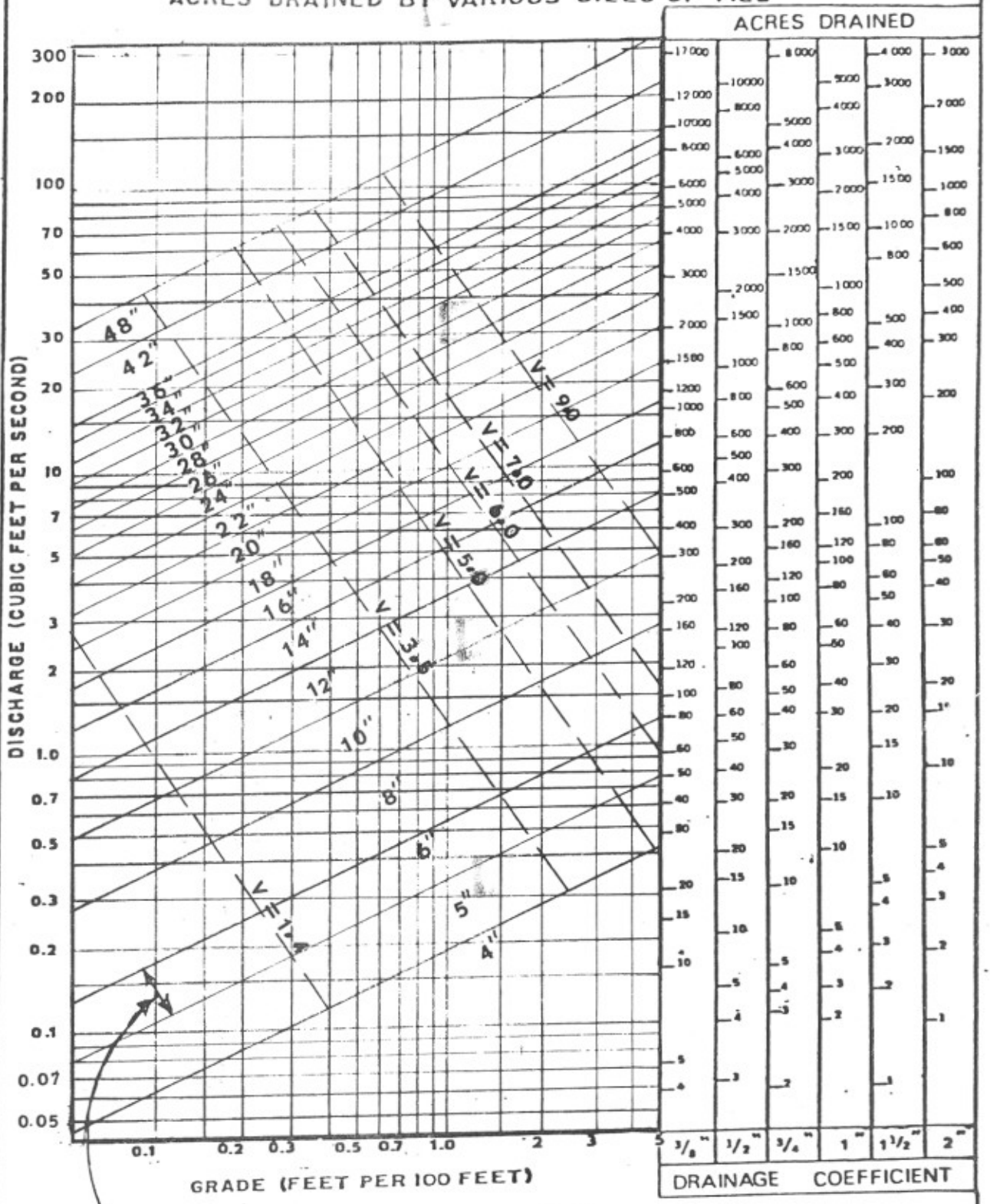
SOIL CONSERVATION SERVICE
INDIANAPOLIS, INDIANA

EXHIBIT IN-14-11a CHART FOR DETERMINING REQUIRED SIZE OF CLAY OR CONCRETE DRAIN TILE

RIGID TILE DRAINAGE CHART

P. 14-109

ACRES DRAINED BY VARIOUS SIZES OF TILE



Space between lines is the range of tile capacity for the size shown between lines

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Tile roughness coefficient "n" = 0.013.

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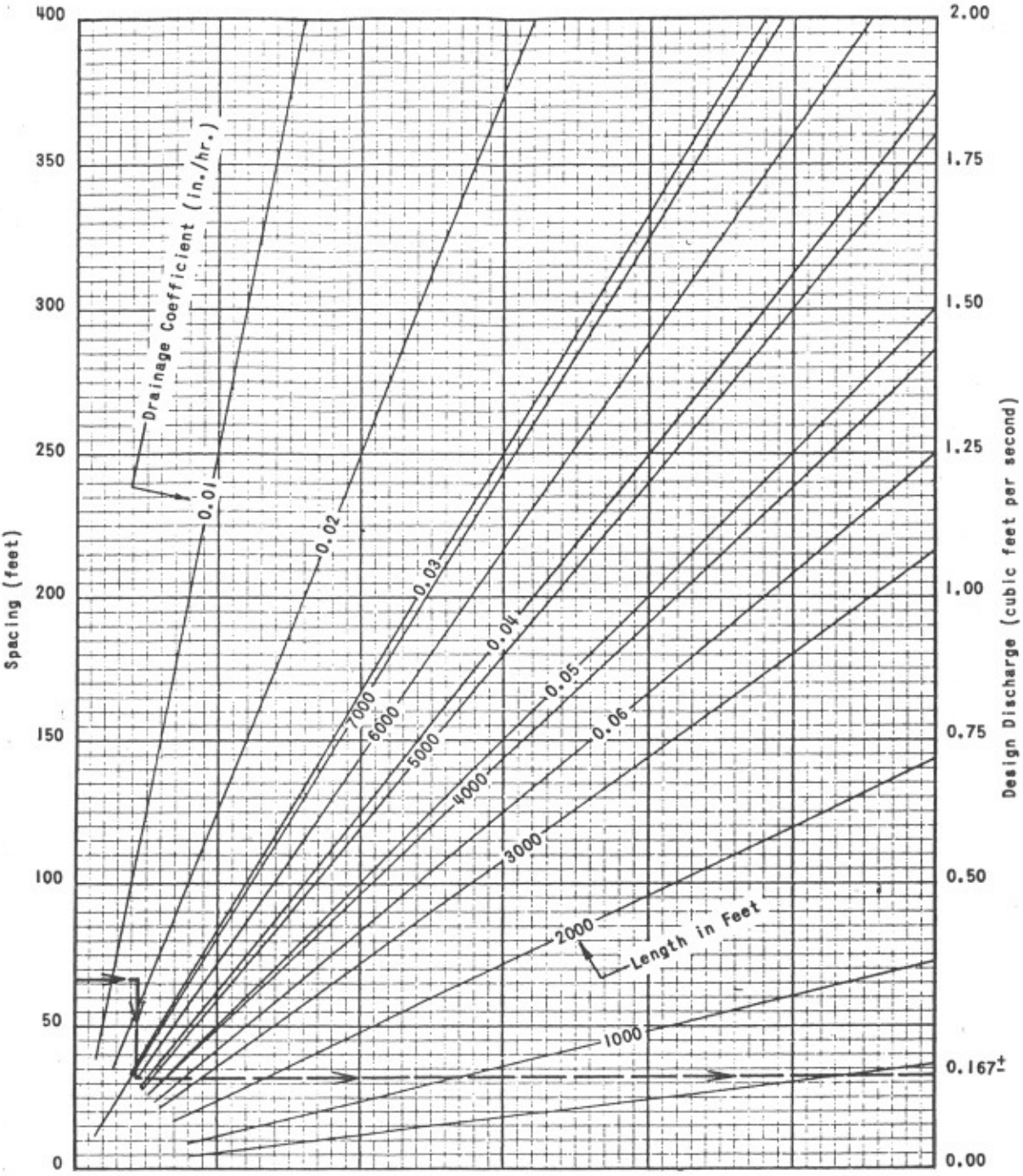
EXHIBIT IN-14-11. CHART FOR DETERMINING REQUIRED SIZE OF CLAY OR CONCRETE DRAIN TILE



$$Qr = \frac{qS\ (L+S/2)}{43,200}$$

Exhibit 14-12 Curves to determine discharge