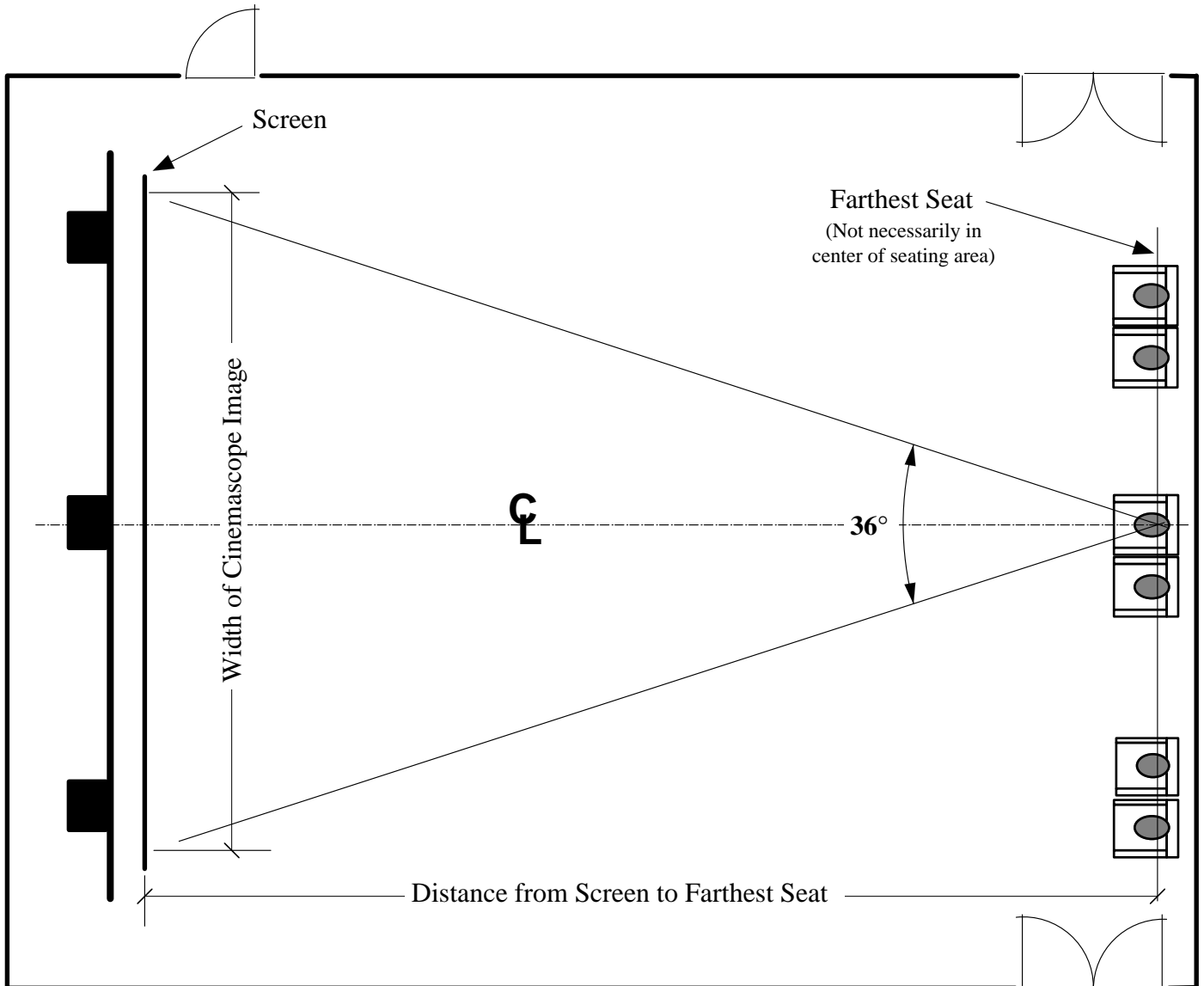


Horizontal Viewing Angle

The THX program recommends that the audience viewing angle for a Cinemascope image from a person sitting in the farthest seat in the cinema be 36 degrees horizontally. A horizontal viewing angle of less than 26 degrees is unacceptable for the THX Sound System.



Horizontal Viewing Angle =

$$2 \times \text{ARCTAN} \left[\frac{0.5 \times \text{Width of Cinemascope Image}}{\text{Distance from Screen to Farthest Seat}} \right]$$