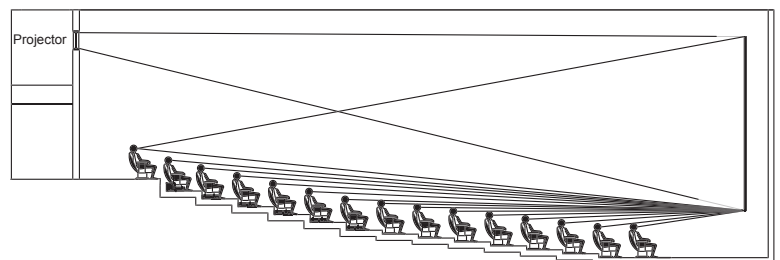
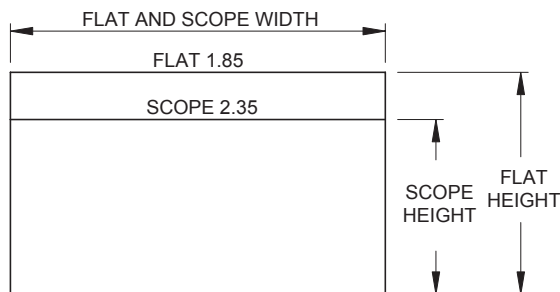


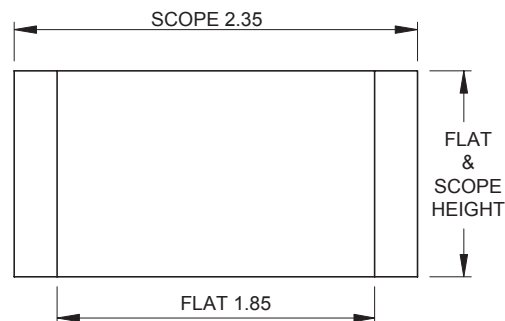
IMAGE ANALYSIS is amongst the key features of the LESNA Cine Screen System. We work with aspect ratios (such as a Flat-1.85 and Scope-2.35) to give possible image sizes while fitting a Cine Screen System into the space available. As well LESNA works with exhibitor lens/screen charts. However the image is specified, IMAGE ANALYSIS insures the screen and masking fit into the specified space. LESNA then sends the exhibitor a graphic proposal (as shown opposite) to check lenses and bottom picture height. During this process several solutions maybe explored to study different lenses or update building dimension changes. Prior to manufacture (8 weeks before shipping) the exhibitor signs off on the final IMAGE ANALYSIS.

## Cinema Image Considerations

A pleasing combination of picture size and sight lines leads to good cinema image sizing. Picture Formats below shows the side and top moving masking options. Auditorium Sight Lines looks at the audience viewing angle relative to Bottom Picture Height, Top Picture Height, Projector Image Angle, etc. Consider all these factors when deciding the best picture for a given auditorium.



**Auditorium Sight Lines**  
(Section at Center Line)



**Picture Formats**

For further discussion see

- Allen, Ioan, (Dolby Labs), SCREEN SIZE, the impact on picture and sound; Film Journal International, 1997
- Design of Effective Cine Theatres, SMPTE EG18, 1994
- Installation of Gain Screens, SMPTE RP95, 1994
- Planning a Cinema, Phillips, 1964 (out of print)