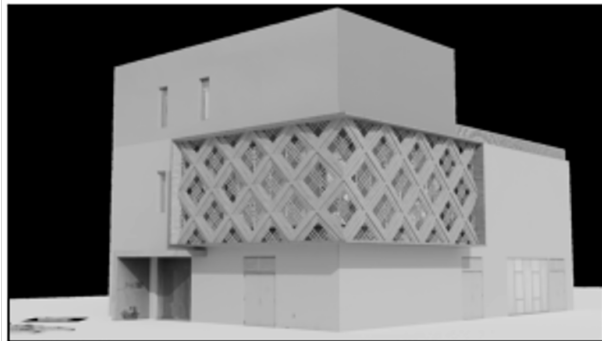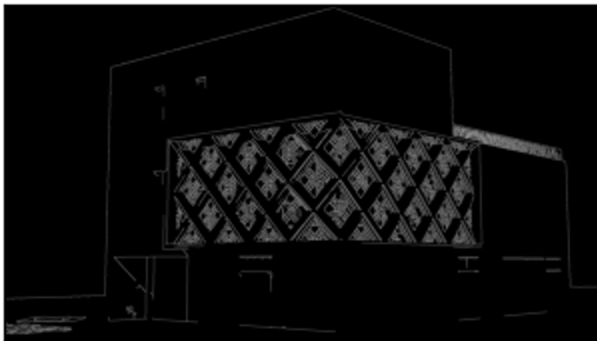Original Image

Edge detection Image

Contour count Image