2013 Metal Architecture Design Awards

Elmer Holmes Bobst Library

New York University

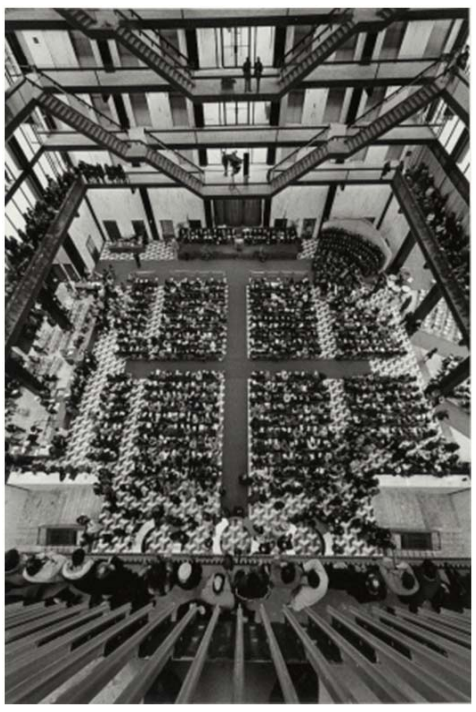
MG McGrath's Scope of Work

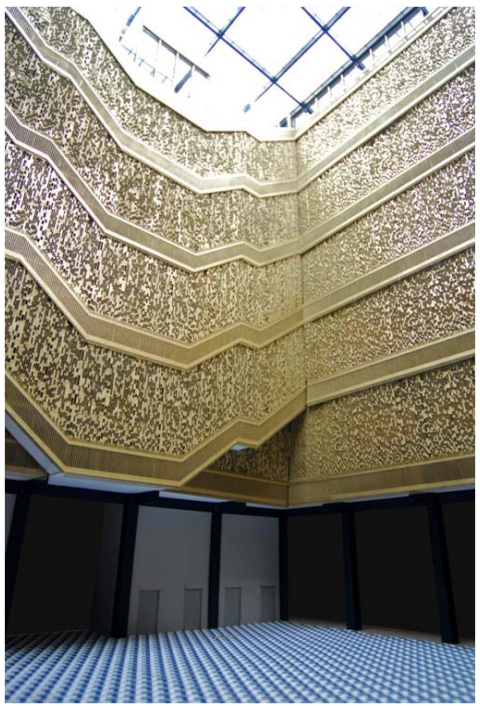
MG McGrath fabricated and installed a ¼ inch thick perforated aluminum screen. The tile screens are installed on a custom aluminum tube/mullion that is fastened to the floor below the carpet and fastened on a floating clip that is concealed in the plaster soffit so the floors can move and deflect under live loads. They were cut with a waterjet using "direct to fabrication" from the CATIA model. The metal screen had 5 patterns that repeat through each elevation. It is nearly impossible to pick up the pattern. The south elevation has the smallest openness percentage. The east and west elevation are mirror images of each other and are more open then the south elevation. The north elevation is the most open. The project had an extremely tight schedule and was all performed at night while the Library was closed. The biggest challenge was getting the materials to the floors up to 135 feet in the air. We had 3 hoists set up to move the materials to the different floors. Everything was staged in the center of the Atrium space.

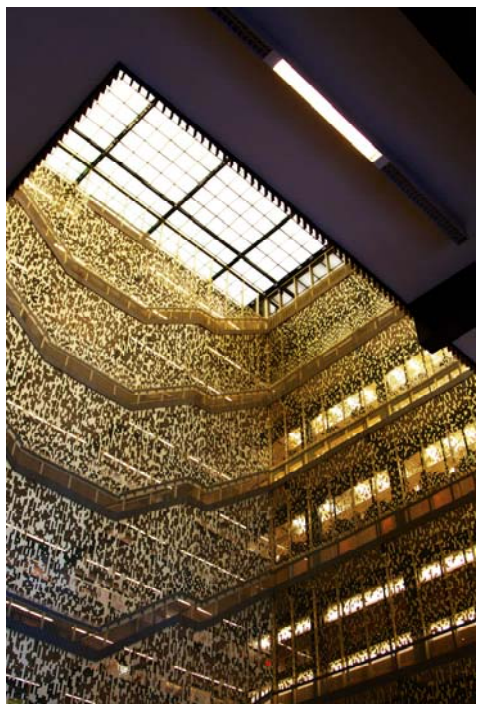
Sheet Metal Contractor | MG McGrath

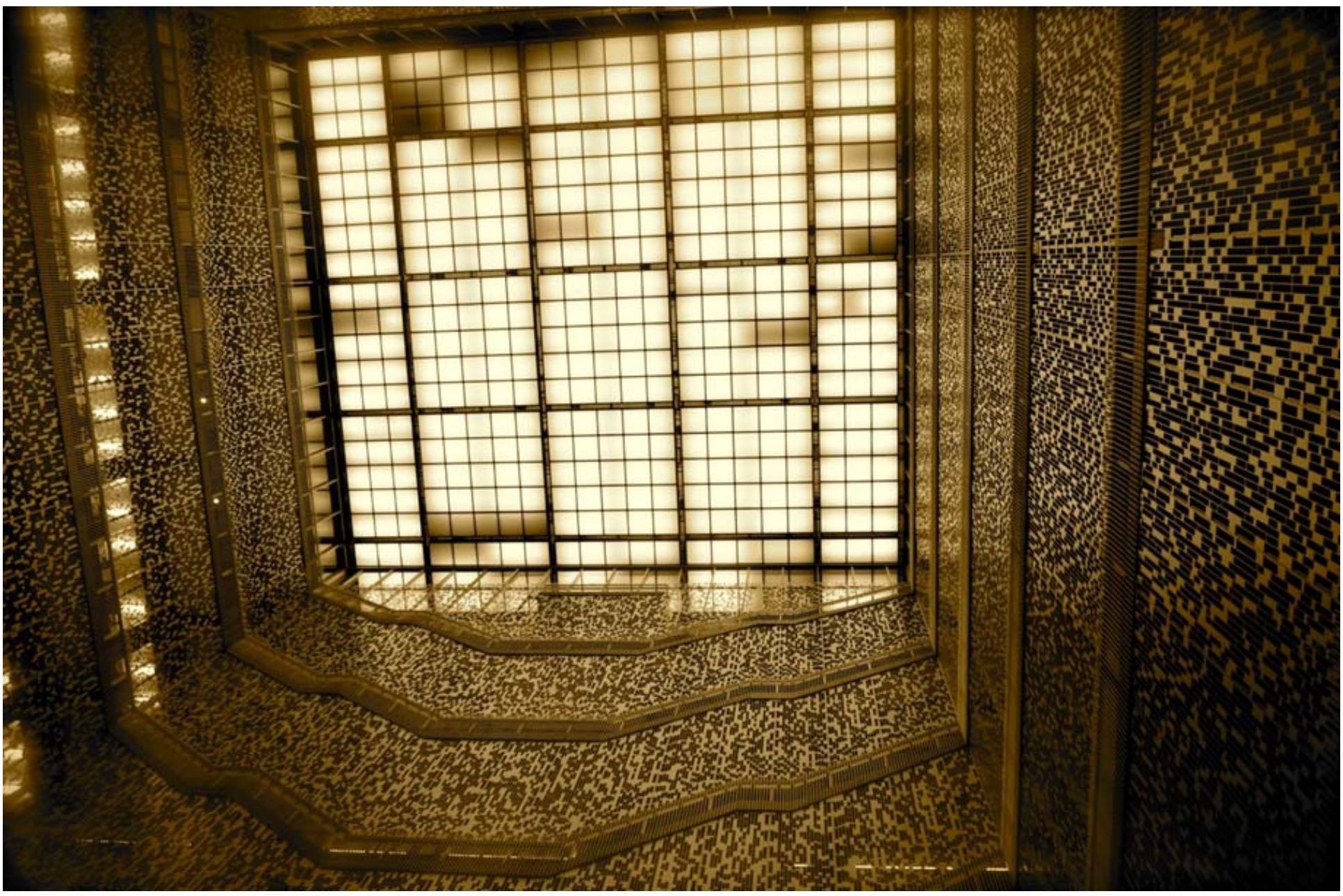
Architect | Joel Sanders Architect

General Contractor | Skanska, USA









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