

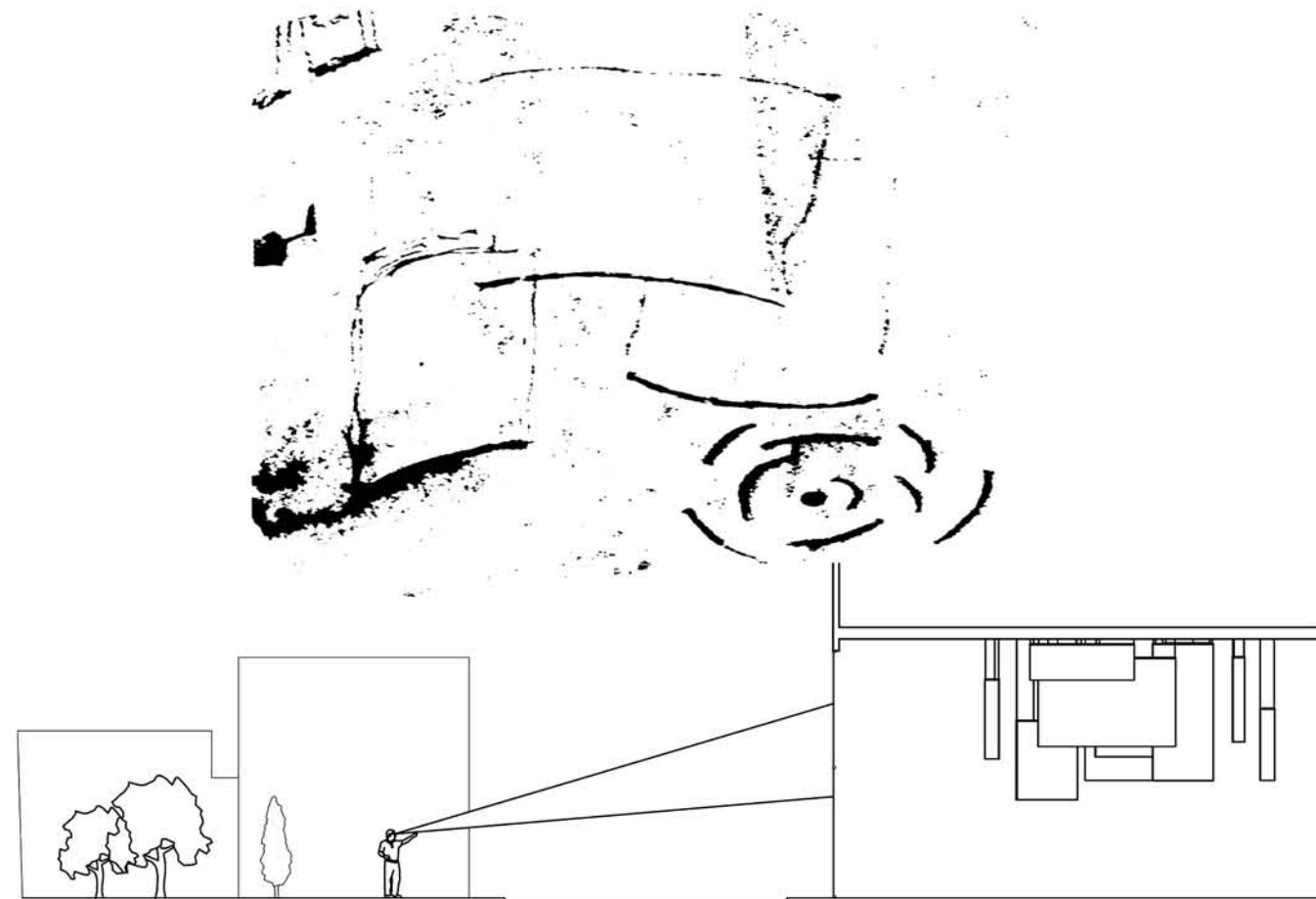


DATA.DRIVE

CONCEPT

The concept behind Data Drive comes from the traditional method of data storage, the spinning hard drive. Composed inside a hard drive are many small moving parts including a spindle, platter, head, actuator arm, actuator axis, and the actuator that must be very carefully placed. The actuator move the arm back and forth by the using the electricity and magnetism and the head "writes" the data in a series of 1's and 0's in different sectors throughout the platter. Then to read back the data the arm read back the bytes by "finding" the data in the different sectors and puts it back together.

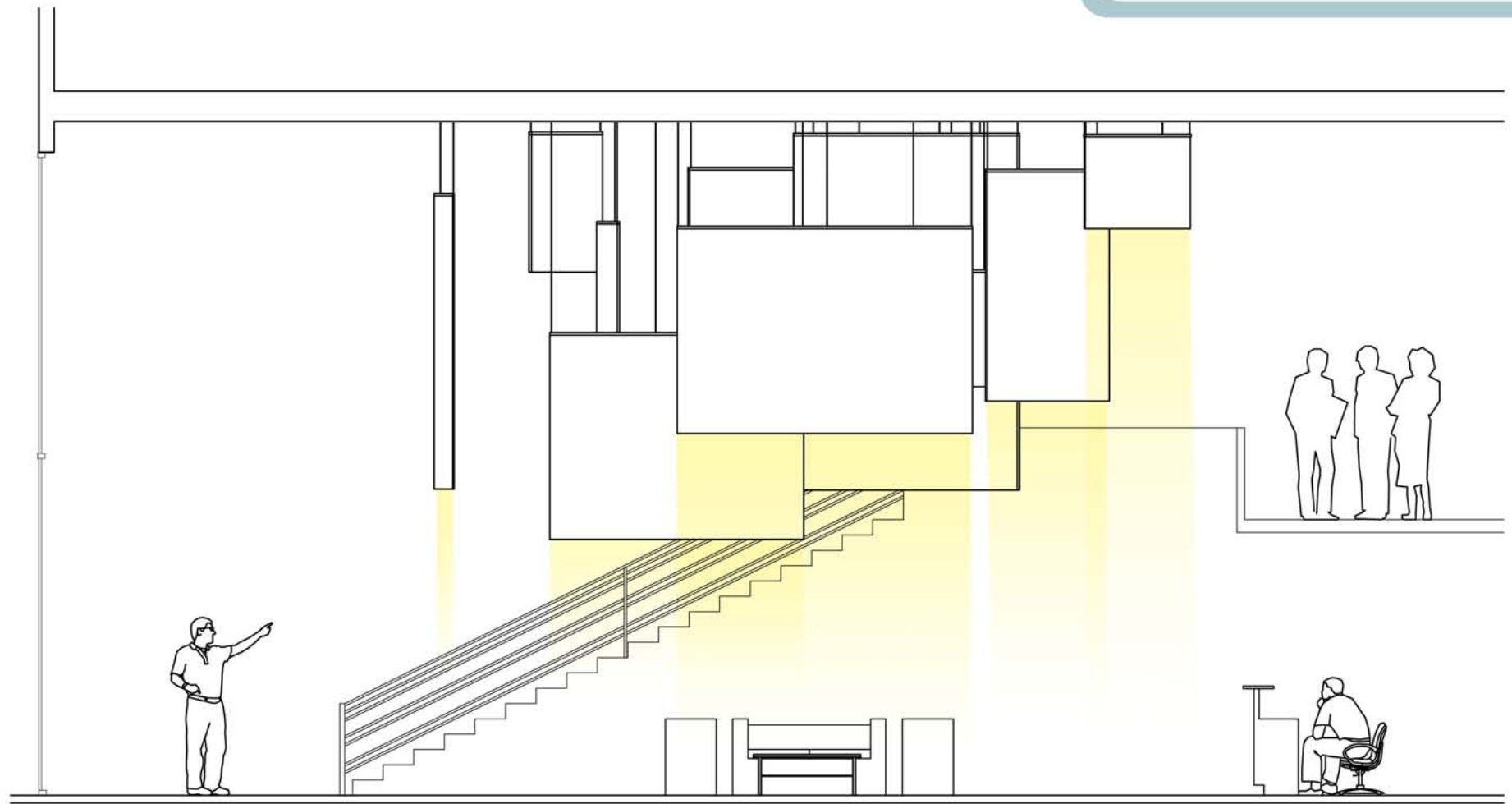
The materiality of the actual fixture derives from the platter's substrate itself which is typically composed of aluminum, glass, and ceramics. Data Drive is composed up of three aluminum rings set inside one another acting as the sectors of the hard drive. Then hung from each ring is a series of curved ribbed glass panels help up and edge lit by a series of LEDs that are suspended from the rings by a cable. The rings above are motorized allowing the rings to rotate and causing the panels to overlap one another and causing a murray like effect as if the "data" was being processed and merged together.



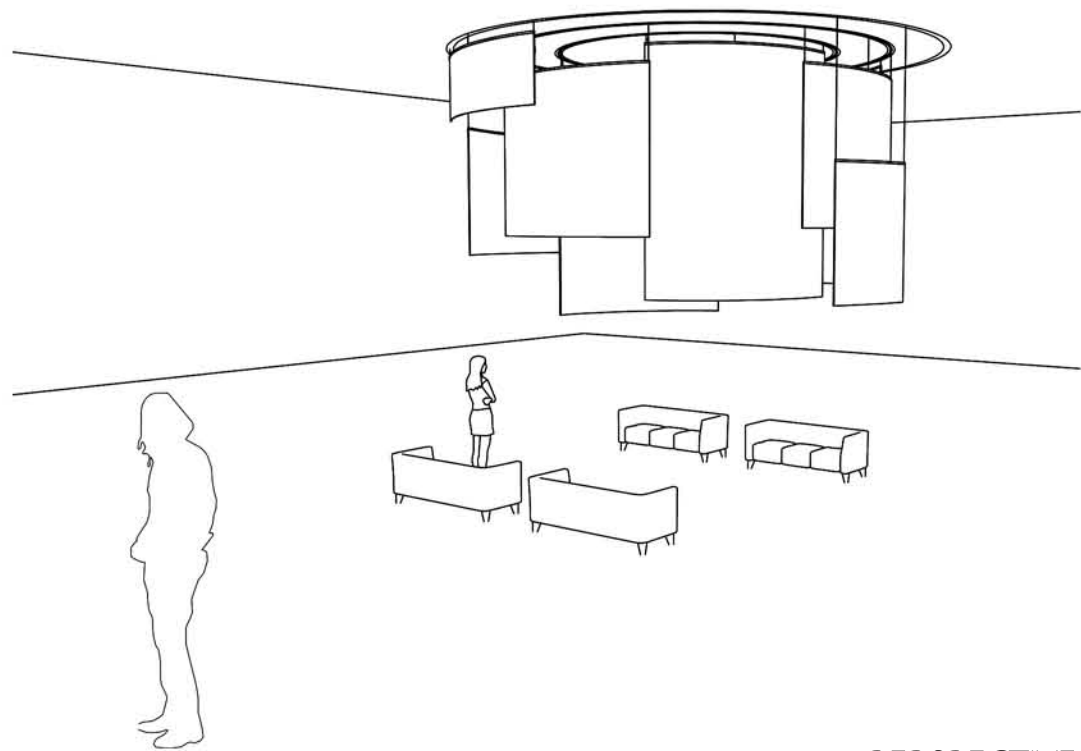
SIGHT SECTION



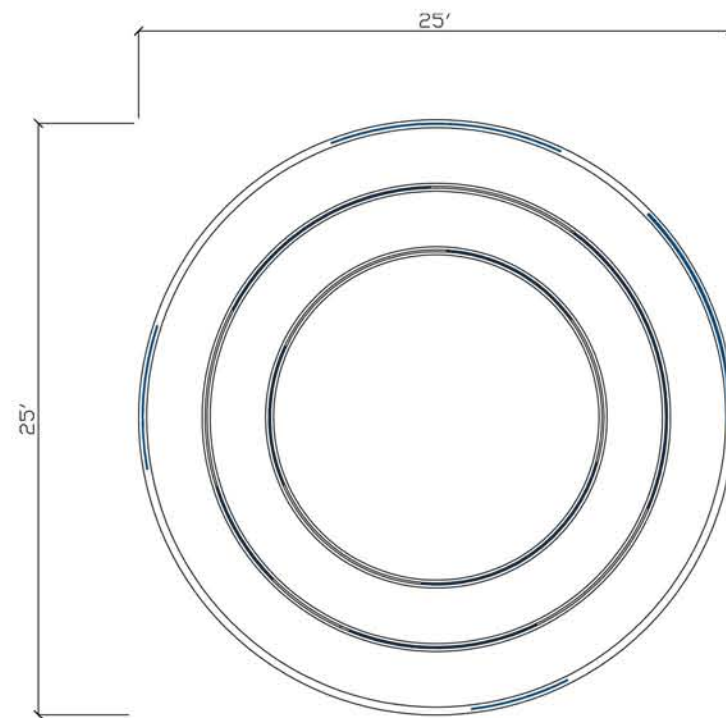
Photo of Trammel Crow Company Lobby, Washington D.C.



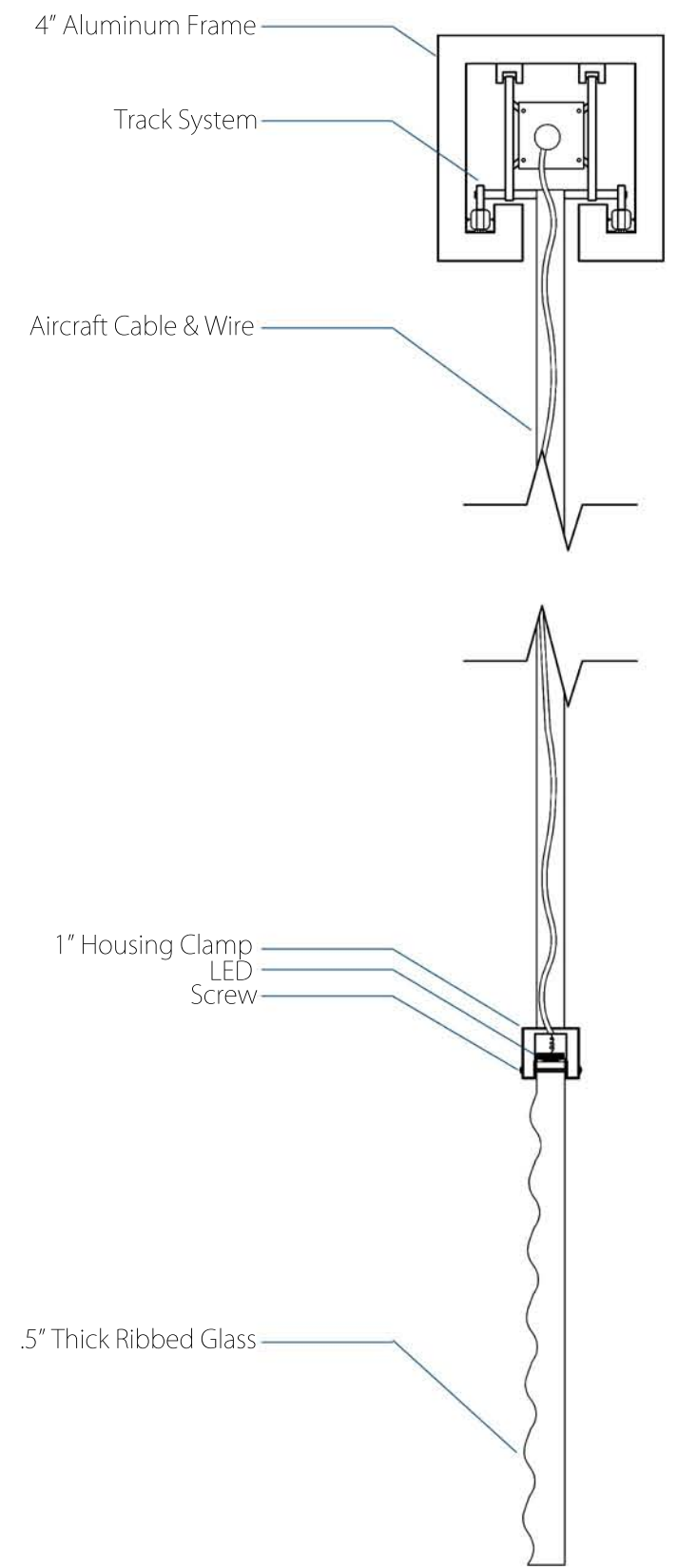
LOBBY SECTION



PERSPECTIVE



PLAN



DETAIL

