



Project Data Sheet

Arlington, Virginia



Title Gravity and Grace

Location Central Place Plaza, Arlington, Virginia

Description Gravity and Grace is a site-specific large-scale LED public artwork integrated into the architecture of JBG SMITH's Central Place Plaza in the Rosslyn neighborhood of Arlington, Virginia. The work occupies the top two bays of the parking structure above the plaza. The ever-changing artwork incorporates real-time environmental data that organizes its spectral shifts of color, form, and motion parameters. Both color field painting and blues guitar inspired the design of the artwork.

This project is created in collaboration with Norm Schwab of Lightswitch and Pablo N. Molina of PNM Designs, who wrote specific algorithms that incorporate the data into an aleatory system that drives the color and motion transitions in the artwork. Molina, in collaboration with real-time content specialists Jesse Gilbert and Jesse Garrison, leveraged the power and flexibility of Notch to realize Garten's artistic vision while providing endless variations and remaining true to his sophisticated color palette.

Date 2018

Medium Real Time Data, Notch, Disguise GX1 Server, Apple MacMini, Custom Software, LED Light Nodes

Dimensions 15' H x 150' L x 2' W

Commissioned by JBG SMITH and Arlington Public Art

Engineer Patrell Engineering Group, Inc., Glendora, CA

Subcontractors Pablo N. Molina, PNM Designs, Los Angeles, CA
Jesse Gilbert, Dark Matter Media, Los Angeles, CA
Jesse Garrison, NightLight Labs, Los Angeles, CA
Norm Schwab, Lightswitch, Sausalito, CA
Barbara Brennan, 4Wall Entertainment, Las Vegas, NV