

Compuware Headquarters

Detroit, Michigan

Compuware Corporation's new world headquarters facility covered two city blocks. It contained over one million square feet of office space and a parking facility for 2,500 cars. The 16-story building is V-shaped and set back from Woodward and Monroe. The entrance features a 12-story outdoor atrium. The streetscape design has pedestrian-scaled lighting and was designed to achieve integration between the buildings and the street.



Spalding DeDecker Associates, Inc. (SDA) worked with Rossetti Associates providing a topographical survey of the site for the design team. SDA also wrote 30 three-dimensional easements for existing and proposed utilities. These three-dimensional easements extend above and below grade at angles other than vertical.

SDA was an integral part of the construction team on the project working for Walbridge Aldinger. Horizontal and vertical control lines throughout the building, as well as supplemental layouts for many of the other trades, were provided.

SPECIAL FEATURES

The elaborate architectural elements of the building presented a number of challenges. SDA played an integral role in the general contractor's quality control system by verifying the location and elevation of improvements as they were installed.

SDA provided the layout of the world's tallest indoor water feature that is supported 173' above a pond. The supporting truss had to be set in a precise location so as to have the hanging water kites 'raining' water down to the 15 light puddles directly below. The curved pond with a granite top and ½" of water cascading down several steps required precision because of the off-site prefabrication and pre-cutting work.



OWNER / CLIENT

Compuware Corporation
Rossetti Associates Architects
Walbridge Aldinger Company

PROJECT START - END

August 1999 - August 2003

SDA PROJECT NO.

SM99-050
SM02-026
SM02-039
SM02-168
SM03-002
SM03-062

2004 SURVEYING MERIT AWARD

American Council of Engineering
Companies of Michigan and The Michigan
Society of Professional Engineers

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