

# Guardian Solutions

Case Study Using Guardian SunGuard Advanced Architectural Glass

November 2014



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## ARLINGTON MILL COMMUNITY CENTER

### ARLINGTON, VIRGINIA

#### The Glass

Guardian SunGuard  
AG 43

#### Architect

Davis Carter Scott Ltd.  
McLean, Virginia

#### Guardian Select Fabricator®

Oldcastle BuildingEnvelope  
Perrysburg, Ohio

#### Glazier Connection Member™

Galaxy Glass & Aluminum  
Manchester,  
New Hampshire

The Arlington Mill Community Center is a five-story, 64,000-square-foot mixed-use development, located in Washington, D.C. metro region.

The center was built to provide recreational, social and learning opportunities for all Arlington county residents. It includes a full-size gymnasium, fitness room, classrooms, an outdoor public plaza, retail and underground parking. A community outreach program was implemented to foster public involvement in the project.

The community center facade is comprised of metal panel, curtain wall glazing and high-pressure wood laminate.

The mostly glass facade of the center features **Guardian SunGuard AG 43** on clear, an important factor in the project's application for LEED silver certification. SunGuard AG 43 has a low solar heat

gain coefficient of 0.29 and ample visible light transmission that helps bring an abundance of natural light deep into the core of the facility. Part of SunGuard's high performance glass series, AG 43 delivers maximum energy savings that meet or exceed energy code requirements

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SUNGUARD®**

ADVANCED ARCHITECTURAL GLASS

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