NOAA National Center for Weather and Climate Prediction (NCWCP) Riverdale, MD





Date Installed: January, 2012 **Assembly:** Greenscreen Trellis

Wall Size: 4,600 sq. ft.

System Design: Wall mounted steel panels at-

tached to pre-cast concrete garage.

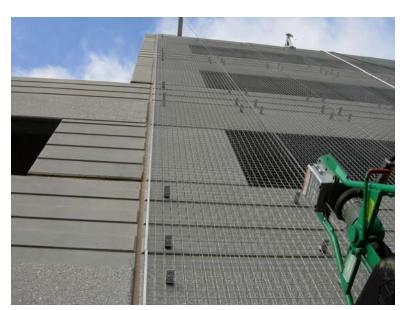
Architect: HOK Architects

Contractor: Chapel Valley Landscaping
Client: Skanska USA Building, Inc.
Address: 5830 University Research Court

Riverdale, MD 20737

Above: A swinging stage platorm was used to access the five story parking garage. The platform was 40' in length and powered by two electric hoists. The platform is rated for 1,000 lbs. and allows two workers to comfortably work. Workers are tied off separately using parapet clamps.

Right: Panels are attached using standoff brackets that are anchored by 1/4" anchors that are embedded into the concrete 3". Each panel was approximately 4'x 10' in size and were attached with 6-8 mounting clips.





Left: Two ballasted davit arms were placed on the top deck and cables tied back to support the system. Metal trim edging was used around the perimeter and followed the expansion joints and the recessed concrete accent "reveal". Vines will be placed at the base of the trellis and the rate of growth for the plants depends on the species.

For additional, questions concerning the design of this system please contact the project manager (Gregory Long) at 301.452.1144.

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