



*ATA Engineering provides engineering support to CSG in multiple capacities. Utilizing a strong background of structural and mechanical design, ATA works to integrate off-the-shelf window washing equipment into existing buildings and buildings that are still in the design stages. Often times building design is finalized without the knowledge of future equipment that will need to be integrated into the structure. Properly designed reception of window washing equipment can be overlooked due to unanticipated maintenance necessities. Large equipment such as suspended platform window washing systems have components that rely on the building structure to transfer working loads to ground. ATA specializes in ensuring this equipment mounting is safe and reliable.*

*ATA has experience verifying structures through the use of calculations based on building plan drawings as well as explicit qualification testing where drawings and/or inspection is not available or able to provide enough detail. ATA is staffed with licensed Professional Engineers (PEs) that have familiarity with both OSHA and OSHPD regulatory bodies. A summary of services that ATA supports CSG with is described below:*

- Equipment attachment/integration design*
- Engineering project planning and development*
- Testing support and oversight*
- Construction/Installation drawing generation*
- Construction engineering support*
- Plan check submittal and review support*