

Building Design - Fall Protection Systems

Architectural clients are requesting new buildings be designed with “lean maintenance”. Safety hazards associated with building maintenance are deemed “waste”. The biggest hazard is Fall Exposure during the life of the building.

Architectural planning for roof maintenance, window cleaning, anchorage points, HVAC maintenance, vent servicing, filter changing, light bulb maintenance, video camera surveillance systems, parapets, roof hatches, skylights, edge protection barriers and guardrails, **all** require engineered fall protection and safety considerations during building design.

EFSS is committed to assisting new building designers and architects in providing solutions to fall arrest situations throughout industry.

Early design considerations for fall protection systems are key to cost competitiveness and savings. Fall protection systems properly designed by the building architects will save the client considerable expenses versus retrofitting after the building is constructed.

EFSS registered professional structural engineers who specialize in fall protection system design, provide complete turnkey fall protection assistance to your architects, designers and engineers.

We are one of the few companies able to provide a turnkey solution which enables you to specify a complete range of arrest solutions from a single source. We evaluate, organize, design, specify, install and certify the required system solution for your project. We also take into account the structural design of the building and the loads applied by the proposed solution.

Risk Assessment

Architects, engineers, construction contractors, and building owners need to consider the risks involved with maintenance of a building. They are responsible for providing the necessary safety equipment and procedures to do work in accordance with the latest OSHA regulations and ANSI standards.

Building owners will be pleased that all work at height is properly planned and organized. In order to do this a fall protection Risk Assessments should be done for every procedure that is to be carried out at elevation where a fall of greater than four feet could occur. Risk assessments provided by EFSS take into account elements such as frequency of access, environmental conditions and duration of the operations.

Design Team

EFSS Registered Professional Engineers, Certified Safety Professionals and Fall Protection Consultants are available to join your design team and provide solutions for all situations involving work at height.

Call EFSS at 1 800 372 7775 or email efss@FallSafety.com.