

Roof & Wall Accessories & Specialties **07.70.00**

Description:

The purpose of the section is to highlight the current applicable UMD Design Standards for minimum design and performance requirements for the installation of roof accessories for all new and large renovation projects.

Related Sections:

- 7 00 00 Roofs and Moisture Control

Effective Date:

January 1, 2021

Applicable/Related Standards:

- TBD

General Requirements:

Roofs:

Access Points

Provide safe access to all roof levels by means of penthouse doors, access ladders, or roof hatch. Provide inorganic walking pads from each roof access point to all roof mounted mechanical equipment in an efficient/effective layout pattern.

Personal Fall Protection:

Roof Anchors

- Design for a secured system at all roof areas. The selected system should include a code approved roof anchoring systems that can accommodate (trained) UMD operational and maintenance personnel. The proposed engineered system must be reviewed and found acceptable by the assigned Project Manager.

Roof Access Ladder Extension Poles

- Design and provide for ladder pole extension device, similar to Bilco "LadderUP" for safe access of that will accommodate (trained) UMD operational and maintenance personnel. The proposed engineered system must be reviewed and found acceptable by the assigned Project Manager and UMD Fire Marshal.

Fixed Roof Edge Protection System

- Design for a manufactured (engineer) roof edge protection barrier system. The selected system should be designed and installed to meet applicable safety codes. Planned roof layouts and location of any safety barrier system should consider the final appearance of the system by reducing its view from ground level. Any proposed engineered system must be reviewed and found acceptable by the UMD P&C.