

07 70 00 – Roof and Wall Specialties and Accessories

1. General

- A. Mounting mechanical equipment on the roof is not recommended.
- B. If approved by the Owner, roof-mounted equipment must be supported on a properly constructed curb or an elevated metal frame. Curbs must extend either a minimum of 8 inches above the finished roof surface or above the height of any emergency overflow pipe or scupper. See NRCA Details “IL-2” and “N” for fan curbs and equipment requiring a continuous edge curb. Metal frames should be used to support heavy equipment or structures above the roof surface. Clearance below the equipment shall be as suggested by NRCA Detail M-1.
- C. Approved walkway pads shall be provided up to and around equipment requiring frequent service or inspection. Location of pads to be confirmed by the Owner.
- D. When it is necessary to locate cooling towers on the roof, make certain adequate space is provided for access under the tower to reach piping. A curb installed completely around the tower will prevent water from entering the roof and causing damage.
- E. The roofing system should be designed to eliminate mechanical ties between the roofing system and projections or structural components. This will reduce the possibility of damage to the roofing system from external mechanical stresses.