SECTION 07700C -- ROOF SPECIALTIES AND ACCESSORIES

PART 1 - GENERAL

1.1 GENERAL CRITERIA

A. All roof accessories should be of non-corrodible materials. Durability of all roof accessories should match or exceed the expected life of the roofing system.

B. Snow guards and snow fences on slate roofs shall be copper, bronze, or stainless steel. For roofs with long slopes and heavy snow loads consider using two rows of snow fences or snow guards in combination with a snow fence. Verify the structural adequacy of the deck and supporting structure to resist the snow loads. Consult with a structural engineer for design of snow guards and snow fences. Carry all snow fence loads back to structural elements such as rafters or purlins. Do not rely on the deck to carry concentrated loads unless it has been structurally designed to do so.

C. Provided convenient roof access for all low-slope roofs, by roof hatches or doors. Hatches should be constructed of durable and non-corrosive materials, of sufficient strength and stiffness to resist wind and snow loads and the weight of rooftop personnel. All roof hatches should have provisions for a padlock at the interior.

D. Where gutters are required, hung gutters are preferable to built-in gutters, because if they overflow they do not leak into the building. Follow the procedures and recommendations in “Copper and Common Sense” for design, to allow for thermal movement, safe overflow and protection from ice damage. Provide cleanouts at the base of downspouts for maintenance of the drainage system. Where existing built-in gutters are to be re-lined, use lead coated copper soldered watertight, with expansion provisions, to reline the gutters, not EPDM or other flashing membrane.