

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

Section 07800 - Skylights

Introduction

Avoid use of skylights wherever possible. Clerestories and light monitors are superior solutions. Use skylights, clerestories, and monitors only with specific permission of the Project Manager.

Existing skylights which are part of a renovation project should always be considered for removal or replacement with alternative light gathering elements. Specifically discuss such situations with the Project Manager.

Describe all requirements for flashing and sealing of skylights in the appropriate roofing section, to maintain single-point responsibility for the roof warranty.

Skylights which require structural support must be supported from the building structure. Do not specify and expressly prohibit attachments through the roof membrane.

Detail and specify burglar bars (6" maximum spacing each way) in all situations where roof deck openings would otherwise allow entry to the building.

Part 1 - General

- Require submittal of manufacturer's literature, and installation details.

Part 2 - Products

- Specify only double-domed, solar-glazed, steel or aluminum-framed skylights.
- Wherever possible, specify skylights which have integral curbs sufficiently tall to permit secure installation of flashing and counterflashing.
- Where the required skylight roof is not integrally curbed, specify and detail custom fabricated curbs.
- Do not use skylights which rely on flat flanges to permit secure application of roof membrane.

Part 3 - Execution

- There are no unique University requirements in this Section.

End of Section 07800