**MOD S7982 – Further Revision to Previous comment accepted by TAC and Commission**

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**1626.1**All parts or systems of a building or structure envelope such as, but not limited, to exterior walls, roof, outside doors, skylights, glazing and glass block shall meet impact test criteria or be protected with an external protection device that meets the impact test criteria. Test procedures to determine resistance to wind-borne debris of wall cladding, outside doors, skylights, glazing, glass block, shutters and any other external protection devices shall be performed in accordance with this section. Exception: The following structures or portion of structures shall not be required to meet the provisions of this section: 1. Roof assemblies for screen rooms, porches, canopies, etc., attached to a building that do not breach the exterior wall or building envelope and have no enclosed sides other than screen.
2. Soffits, soffit vents and ridge vents. Size and location of such vents shall be detailed by the designer and shall not compromise the integrity of the diaphragm boundary.
3. Vents in a garage with four or fewer cars. Size and location of such vents shall be detailed by the designer and shall not exceed the minimum required area by more than 25 percent.
4. Exterior wall or roof openings for wall- or roof-mounted HVAC equipment.
5. Openings for roof-mounted personnel access roof hatches.
6. Storage sheds that are not designed for human habitation and that have a floor area of 720 square feet (67 m2) or less are not required to comply with the mandatory windborne debris impact standards of this code.
7. Louvers as long as they properly considered ASCE 7 in the design of the building~~.~~ and that meets the requirement of 1626.5.3.

1. Buildings and structures for marinas, cabanas, swimming pools, and greenhouses.

 1. Exterior balconies or porches under existing roofs or decks enclosed with screen or removable vinyl and acrylic panels complying with Section 1622.1 or 1622.2 shall not be required to be protected and openings in the wall separating the unit from the balcony or porch shall not be required to be protected unless required by other provisions of this code

**1626.5 Louvers.****1626.5.1** Louvers ~~protecting intake and exhaust ventilation ducts not assumed to be open~~ that are located on the building envelope and are within 30 feet (9144 mm) of grade shall meet the requirements of AMCA 540 or TAS 201 (large missile test) or shall be protected by an impact-resistant cover complying with ~~the large missile test of~~TAS 201 (large missile test), TAS 202, TAS 203. **1626.5.2** Louvers required to be open for life safety purposes such as providing a breathable atmosphere that are located on the building envelope and are within 30 feet (9144 mm) of grade shall meet the impact requirements of AMCA 540 or TAS 201 (large missile test). **1626.5.3** Open and closed louvers located on the building envelope, regardless of their function or location from grade, shall also comply with uniform air pressure testing per TAS 202 protocol and either the cyclical wind pressure loading per TAS 203 protocol or by complying with both the impact and cyclical pressure testing of AMCA 540. ~~This test shall be applicable to the construction unit of each louver type and material. A minimum of two test specimens made up of hidden (Architectural joints) and visible mullioned assemblies shall be utilized in verification of all specimen assembly conditions.~~ |