

## SECTION 1015 GUARDRAILS

**1015.1 General.** All unenclosed floor and roof openings, open and glazed sides of landings, stairs, ramps, balconies and porches which are more than 30 inches (762 mm) above finished ground level or a floor below shall be protected by a guardrail.

**Exceptions:**

1. Guardrails are not required on the loading side of loading docks.
2. Guardrails shall be permitted in conformance with requirements for specific occupancies in 1018.

**1015.2 Height.** Guardrails shall form a vertical protective barrier not less than 42 inches (1067 mm) high.

**Exceptions:**

1. The top element of a guardrail at the inside open or unenclosed edge of any intermediate stairway landing where the stairs reverse direction may be at the same height as the stairway handrails when the horizontal distance between the stair flights is 1 ft (305 mm) or less and when a continuous handrail as specified in 1007.5 is provided.
2. As permitted in 1019.

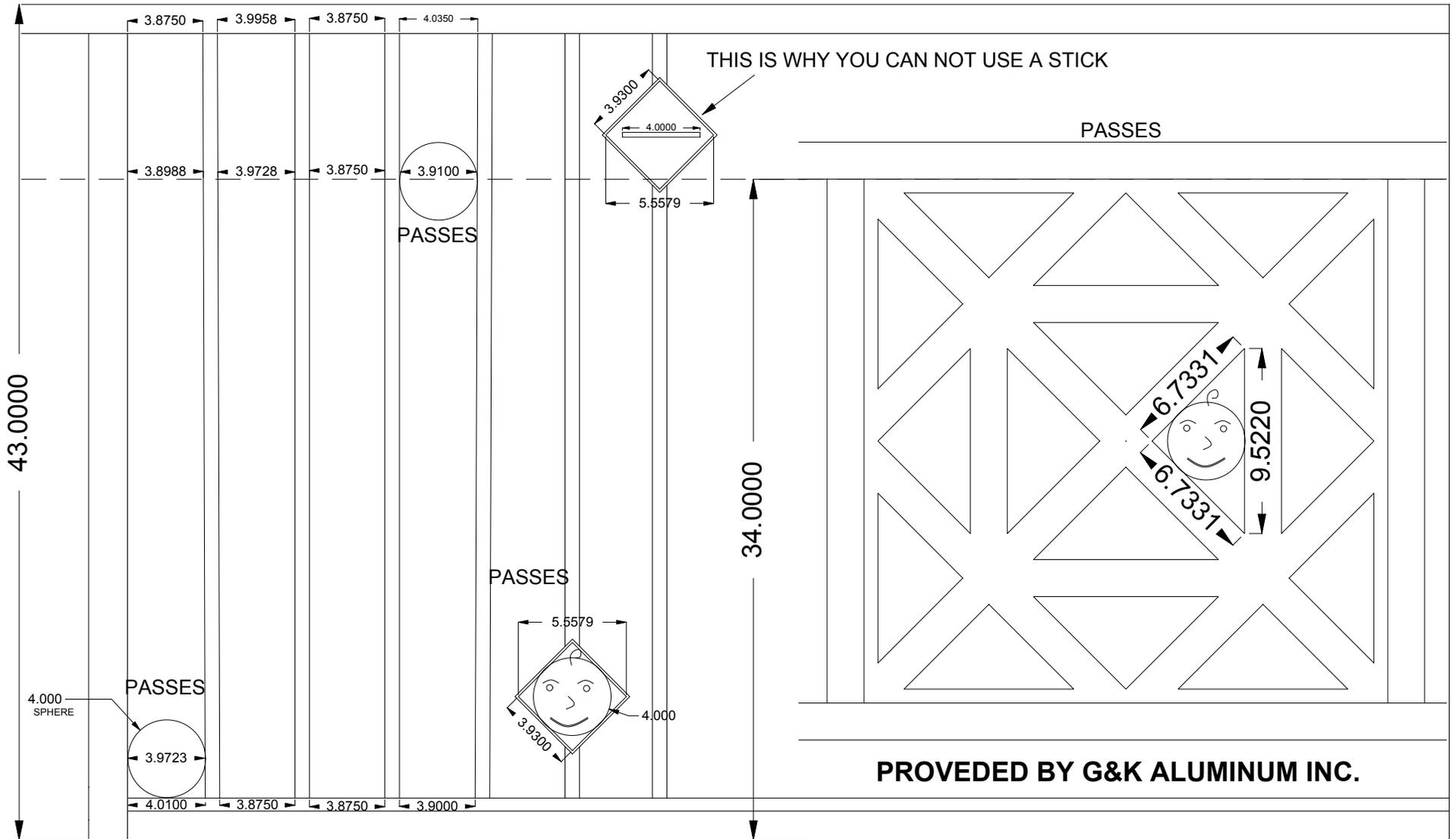
**1015.3 Openings.** Open guardrails shall have intermediate rails or ornamental pattern such that a 4-inch (102 mm) diameter sphere cannot pass through any opening up to a height of 34 inches. A bottom rail or curb shall be provided that will reject the passage of 2-inch (51 mm) diameter sphere.

**Exceptions:**

1. A 6 inch (152 mm) sphere shall not pass through the triangular opening formed by a tread, riser and bottom of a guardrail.
2. See 1018 for special occupancy requirements.

**1015.4 Strength, durability and attachment.** Construction of guardrails shall be adequate in strength, durability and attachment for their purpose as described in 1608.2.

**1015.5 Glass.** Glass guardrail components shall comply with 2405.5.



FABRICATION ENCOUNTERS

THE SMILY FACE SYMBOL IS A CHILDS HEAD