TITLE: STRUCTURAL SYSTEM

VERSION: V2.2

DATE PUBLISHED: 06/23/22

DEFINITION: Load-bearing system within the built environment (i.e., human-made structures, features, and facilities).

PURPOSE: Safely support and transfer weight load.

COMMON COMPONENTS: Foundation; Beam; Floor; Wall; Roof; Slab; Plinth

LOCATION:
- ✕ Unit: All accessible areas within the dwelling and those areas to which the resident has sole access (e.g., dwelling balconies, decks, patios, basements).
- ✗ Inside: All accessible areas within the interior common spaces.
- ✗ Outside: All accessible areas throughout the exterior built environment (e.g., rooftop decks, patios, playgrounds).

MORE INFORMATION: If failure is present at a structural element, then it should be evaluated under the respective standard, which may include but is not limited to:
- Ceiling
- Chimney
- Fence — Security
- Floor Covering and Finish
- Foundation
- Retaining Wall
- Roof Assembly
- Site Drainage (erosion impacting the integrity of a structural element)
- Stairs
- Trip Hazard (associated with failure of sidewalks, walkways, and ramps)
- Wall Covering and Finish — Exterior
- Wall Covering and Finish — Interior

DEFICIENCY 1: Structural system exhibits signs of serious failure.

LOCATION:
- ✗ Unit
- ✗ Inside
- ✗ Outside
DEFICIENCY I — UNIT:  **STRUCTURAL SYSTEM EXHIBITS SIGNS OF SERIOUS FAILURE.**

DEFICIENCY CRITERIA:  Structural system exhibits signs of serious failure and may threaten the resident’s safety.

HEALTH AND SAFETY DETERMINATION:  Life-Threatening
The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.

CORRECTION TIMEFRAME:  24 hours
HCV PASS / FAIL:  Fail
HCV CORRECTION TIMEFRAME:  24 hours

INSPECTION PROCESS:

**OBSERVATION:**
- Visually inspect the structural system for signs of failure.

**REQUEST FOR HELP:**
- If an area within this inspection location is locked, request access from the resident or POA.

**ACTION:**
- None

**MORE INFORMATION:**
If signs of failure are present at a structural element, then it should be evaluated under the respective standard, which may include but is not limited to:
- Ceiling
- Fence — Security
- Floor Covering and Finish
- Foundation
- Retaining Wall
- Roof Assembly
- Site Drainage (erosion impacting the integrity of a structural element)
- Stairs
- Trip Hazard (associated with failure of sidewalks, walkways, and ramps)
- Wall Covering and Finish — Exterior
- Wall Covering and Finish — Interior

If signs of failure are present and cannot be attributed to a specific structural element, then evaluate under this standard.
DEFICIENCY 1 — INSIDE:  

**STRUCTURAL SYSTEM EXHIBITS SIGNS OF SERIOUS FAILURE.**

DEFICIENCY CRITERIA:  
Structural system exhibits signs of serious failure and may threaten the resident’s safety.

HEALTH AND SAFETY DETERMINATION:  
Life-Threatening  
The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.

CORRECTION TIMEFRAME:  
24 hours

HCV PASS / FAIL:  
Fail

HCV CORRECTION TIMEFRAME:  
24 hours

INSPECTION PROCESS:

**OBSERVATION:**  
- Visually inspect the structural system for signs of failure.

**REQUEST FOR HELP:**  
- If an area within this inspection location is locked, request access from the resident or POA.

**ACTION:**  
- None

**MORE INFORMATION:**  
If signs of failure are present at a structural element, then it should be evaluated under the respective standard, which may include but is not limited to:
- Ceiling
- Fence — Security
- Floor Covering and Finish
- Foundation
- Retaining Wall
- Roof Assembly
- Site Drainage (erosion impacting the integrity of a structural element)
- Stairs
- Trip Hazard (associated with failure of sidewalks, walkways, and ramps)
- Wall Covering and Finish — Exterior
- Wall Covering and Finish — Interior
- If signs of failure are present and cannot be attributed to a specific structural element, then evaluate under this standard.
DEFICIENCY I — OUTSIDE: STRUCTURAL SYSTEM EXHIBITS SIGNS OF SERIOUS FAILURE.

DEFICIENCY CRITERIA: Structural system exhibits signs of serious failure and may threaten the resident’s safety.

HEALTH AND SAFETY DETERMINATION: Life-Threatening

The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.

CORRECTION TIMEFRAME: 24 hours

HCV PASS / FAIL: Fail

HCV CORRECTION TIMEFRAME: 24 hours

INSPECTION PROCESS:

Observation: Visually inspect the structural system for signs of failure.

Request for Help: If an area within this inspection location is locked, request access from the resident or POA.

Action: None

More Information: If signs of failure are present at a structural element, then it should be evaluated under the respective standard, which may include but is not limited to:

- Ceiling
- Fence — Security
- Floor Covering and Finish
- Foundation
- Retaining Wall
- Roof Assembly
- Site Drainage (erosion impacting the integrity of a structural element)
- Stairs
- Trip Hazard (associated with failure of sidewalks, walkways, and ramps)
- Wall Covering and Finish — Exterior
- Wall Covering and Finish — Interior
- If signs of failure are present and cannot be attributed to a specific structural element, then evaluate under this standard.
## SUMMARY OF CHANGES

**TITLE:** STRUCTURAL SYSTEM  
**VERSION:** V2.2  
**DATE PUBLISHED:** 06/23/22

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