

TITLE: STRUCTURAL SYSTEM

VERSION: V3.0

DATE PUBLISHED: 06/20/23

DEFINITION: Load-bearing system within the built environment (i.e., 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:

- Ceiling
 - Chimney
 - Floor
 - Foundation
 - Roof Assembly
 - Wall – Exterior
 - Wall – 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 and cannot be attributed to a specific structural element, then evaluate under this standard.

- If failure is present at a structural element, then it should be evaluated under the respective standard, which may include:

- Ceiling
- Chimney
- Floor
- Foundation
- Roof Assembly
- Wall — Exterior
- Wall — Interior

DEFICIENCY I — 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 POA.

ACTION: - None

MORE INFORMATION: - If signs of failure are present and cannot be attributed to a specific structural element, then evaluate under this standard.

- If failure is present at a structural element, then it should be evaluated under the respective standard, which may include:

- Ceiling
- Chimney
- Floor
- Foundation
- Roof Assembly
- Wall — Exterior
- Wall — Interior

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 POA.

ACTION: - None

MORE INFORMATION: - If signs of failure are present and cannot be attributed to a specific structural element, then evaluate under this standard.

- If failure is present at a structural element, then it should be evaluated under the respective standard, which may include:

- Ceiling
- Chimney
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- Foundation
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- Wall — Exterior
- Wall — Interior