

**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 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 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

FIELD	CHANGE	VERSION	DATE
----	<b>Abbreviated published version</b>	V2.2	2022-06-23
Name Variants	Removed from published version		
Common Materials	Removed from published version		
Rationale	Removed from published version		
Tools or Equipment	Removed from published version		
<b>Title</b>	<b>Revised title</b>	V2.1	2021-04-02
<b>Definition</b>	<b>Revised definition</b>	V2.1	2021-04-02
<b>Purpose</b>	<b>Revised purpose</b>	V2.1	2021-04-02
<b>Location</b>	<b>Revised inspectable locations</b>	V2.1	2021-04-02
<b>More Information</b>	<b>Added information</b>	V2.1	2021-04-02
<b>Deficiency I</b>		V2.1	2021-04-02
Title	Unit, Inside, & Outside: Revised title		
Deficiency Criteria	Unit, Inside, & Outside: Revised deficiency criteria		
Rationale	Unit, Inside, & Outside: Revised rationale categories, types, and explanations; added standardized codes and descriptions		
Inspection Process	Unit, Inside, & Outside: Revised observation, request for help, action, and more information		
<b>Definition</b>	<b>Revised definition</b>	V2.0	2020-10-28
<b>Deficiency I</b>		V2.0	2020-10-28
Title	Copyedits		
Health and Safety Determination	Added standardized description		
HCV Pass / Fail	Field added; response input as "Fail"		

Rationale	Copyedits		
<b>Overall Formatting</b>	<b>Complete rework of document format and layout</b>	<b>VI.3</b>	<b>2020-07-31</b>
<b>Definition</b>	<b>Revised definition</b>	<b>VI.3</b>	<b>2020-07-31</b>
<b>Purpose</b>	<b>Field added</b>	<b>VI.3</b>	<b>2020-07-31</b>
<b>Location</b>	<b>Revised inspectable locations</b>	<b>VI.3</b>	<b>2020-07-31</b>
<b>More Information</b>	<b>Field added</b>	<b>VI.3</b>	<b>2020-07-31</b>
<b>Deficiency 1</b>	<b>Separated by inspectable locations — Unit, Inside, and Outside</b>	<b>VI.3</b>	<b>2020-07-31</b>
Title	Revised title; added inspectable locations		
Deficiency Criteria	Revised deficiency criteria		
Health and Safety Determination	Revised to “Life-Threatening” determination; added standardized description		
Correction Timeframe	Field added; response input as “24 hours”		
HCV – Correction Timeframe	Field added; response input as “24 hours”		
Rationale	Revised rationale categories, types, and explanations; added standardized codes and descriptions		
Inspection Process	Revised observation, request for help, action, and more information		
Tools or Equipment	Field added to deficiency; response revised		
<b>Deficiency 2</b>	<b>Removed</b>	<b>VI.3</b>	<b>2020-07-31</b>
<b>Deficiency 3</b>	<b>Removed</b>	<b>VI.3</b>	<b>2020-07-31</b>