



## Substandard Structure Checklist

**\*Reference – City of McKinney Texas Code of Ordinances, Chapter 126, Article II, Division 3 Housing and Substandard Building Code**

DATE: March 24, 2021
CODE INSPECTOR: Ivan Shevtsov, Aaron Williams, Johnny Harris
PROPERTY ADDRESS: 803 E Standifer St

**Property Condition: Checked boxes indicate a deficiency**

<input type="checkbox"/> High Grass	<input checked="" type="checkbox"/> Trash	<input checked="" type="checkbox"/> Debris	<input type="checkbox"/> Fencing	<input type="checkbox"/> Abandoned Vehicles	
<input checked="" type="checkbox"/> Dwelling	<input type="checkbox"/> Commercial	<input type="checkbox"/> Accessory	Story:	Number of Units:	
<input checked="" type="checkbox"/> Frame	<input type="checkbox"/> Masonry	<input type="checkbox"/> Fire Damage	<input checked="" type="checkbox"/> Vacant	<input type="checkbox"/> Unsecured	<input type="checkbox"/> Posted

### **“ALL STRUCTURES MUST MEET CURRENT BUILDING CODES”**

<b><u>EXTERIOR WALLS</u></b>
<input type="checkbox"/> Satisfactory
<input checked="" type="checkbox"/> Unsatisfactory
Comments: Peeling paint, holes in siding, general dilapidation in exterior walls.
Requirement: A structural engineer will need to provide a report describing conditions found and determine if the walls can be repaired or required to be demolished due to conditions found.

<b><u>FOUNDATION</u></b>
<input type="checkbox"/> Satisfactory
<input checked="" type="checkbox"/> Unsatisfactory
Comments: Unsatisfactory foundation, no skirting
Requirement: A structural engineer will need to provide a report describing conditions found and determine if foundation can be repaired or required to be demolished due to conditions found.

**ROOF**

- Satisfactory
- Unsatisfactory

Comments: Roof is in disrepair, vents are exposed to rain water intrusion, and roof has sag due to foundation issues.

Requirement: A structural engineer will need to provide a report describing conditions found and determine if roof can be repaired or required to be demolished due to conditions found.

**PORCHES**

- Satisfactory
- Unsatisfactory

Comments: Porches are in disrepair due to foundation issues

Requirement: A structural engineer will need to provide a report describing conditions found and determine if porches can be repaired or required to be demolished due to conditions found.

**WINDOWS AND DOORS**

- Satisfactory
- Unsatisfactory

Comments: Windows are in need of repair. Some windows are boarded up.

Requirement: The windows and doors will need to be replaced in compliance with current code if the structure is found to be structurally safe or is repaired per engineer design.

**INSIDE WALL / CEILINGS**

- Satisfactory
- Unsatisfactory

Comments: Walls and ceilings are in need of repair; cracks to exterior were observed due to foundation issues.

Requirement: The inside walls and ceiling framework will need to be replaced in compliance with current code if the structure is found to be structurally safe or is repaired per engineer design.

**STEPS**

- Satisfactory
- Unsatisfactory

Comments: Concrete steps seem satisfactory.

Requirement: The steps will need to be added to comply with access and egress requirements of the code.

**FLOORS**

- Satisfactory
- Unsatisfactory

Comments: Interior floor has been stripped down to the frame due to demolition work

Requirement: If the foundation is made secure in accordance with the engineer report the floor coverings will need to be replaced

**PLUMBING**

- Satisfactory
- Unsatisfactory

Comments: Structure lacked water and sewer service, existing plumbing is antiquated and in disrepair.

Requirement: If the engineer report shows repair, a Master Plumber will need to assess the condition of the plumbing system by testing with repairs required to meet current code.

**ELECTRICAL**

- Satisfactory
- Unsatisfactory

Comments: Electrical system is in disrepair with exposed wiring on interior and exterior of the structure.

Requirement: If the engineer report shows repair, a Master Electrician will need to assess the condition of the electrical system by testing with repairs required to meet current code.

**MECHANICAL**

- Satisfactory
- Unsatisfactory

Comments: HVAC or heating system in need of repair due to the demolition work on the structure.

Requirement: If engineer determines repair, a licensed HVAC contractor will need to provide compliance

**Dangerous structure or premises (2018 IPMC section 108.1.5).** Any structure or *premises* that has any or all of the conditions or defects described below shall be considered dangerous:

1. Any door, aisle, passageway, stairway, exit or other means of egress that does not conform to the *approved* building or fire code of the jurisdiction as related to the requirements for existing buildings.
2. The walking surface of any aisle, passageway, stairway, exit or other means of egress is so warped, worn loose, torn or otherwise unsafe as to not provide safe and adequate means of egress.
3. Any portion of a building, structure or appurtenance that has been damaged by fire, earthquake, wind, flood, *deterioration*, *neglect*, abandonment, vandalism or by any other cause to such an extent that it is likely to partially or completely collapse, or to become *detached* or dislodged.
4. Any portion of a building, or any member, appurtenance or ornamentation on the exterior thereof that is not of sufficient strength or stability, or is not so *anchored*, attached or fastened in place so as to be capable of resisting natural or artificial loads of one and one-half the original designed value.
5. The building or structure, or part of the building or structure, because of dilapidation, *deterioration*, decay, faulty construction, the removal or movement of some portion of the ground necessary for the support, or for any other reason, is likely to partially or completely collapse, or some portion of the foundation or underpinning of the building or structure is likely to fail or give way.
6. The building or structure, or any portion thereof, is clearly unsafe for its use and *occupancy*.
7. The building or structure is *neglected*, damaged, dilapidated, unsecured or abandoned so as to become an attractive nuisance to children who might play in the building or structure to their danger, becomes a harbor for vagrants, criminals or immoral persons, or enables persons to resort to the building or structure for committing a nuisance or an unlawful act.
8. Any building or structure has been constructed, exists or is maintained in violation of any specific requirement or prohibition applicable to such building or structure provided by the *approved* building or fire code of the jurisdiction, or of any law or ordinance to such an extent as to present either a substantial risk of fire, building collapse or any other threat to life and safety.
9. A building or structure, used or intended to be used for dwelling purposes, because of inadequate maintenance, dilapidation, decay, damage, faulty construction or arrangement, inadequate light, *ventilation*, mechanical or plumbing system, or otherwise, is determined by the *code official* to be unsanitary, unfit for human habitation or in such a condition that is likely to cause sickness or disease.
10. Any building or structure, because of a lack of sufficient or proper fire-resistance-rated construction, fire protection systems, electrical system, fuel connections, mechanical system, plumbing system or other cause, is determined by the *code official* to be a threat to life or health.
11. Any portion of a building remains on a site after the demolition or destruction of the building or structure or whenever any building or structure is abandoned so as to constitute such building or portion thereof as an attractive nuisance or hazard to the public.

**ALL STRUCTURES MUST MEET THE FOLLOWING CODES:**

2018 International Residential Code  
2018 International Building Code  
2018 International Energy Conservation Code  
2018 International Mechanical Code  
2018 International Plumbing Code  
2017 National Electrical Code

**Inspection Comments and Recommendations:**

If the option to rehabilitate is extended, the structure must be brought up to the adopted Model Codes. Any deviation from the original plan would require an engineered design.

Other issues not specifically addressed herein may arise during the inspection process. In any case, these issues must meet the adopted Model Codes.

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