

PROPERTY NAME: _____

ASSESSMENT COMPLETED BY: _____

Answer each question with either: Yes, No, Unsure, or N/A. Take pictures to help you remember. These can be added to the report later

Flooding (rain, river, surge, sea level rise)

1. What are your annual operating and repair costs related to flooding issues?
2. What are your annual operating and repair costs related to extreme wind/hurricane events?
3. What are your annual operating and repair costs related to extreme heat events?
4. What are your annual operating and repair costs related to unhealthy housing?
5. Has an energy and/or resilience audit been performed on the building?
6. Is the building located in a flood zone or otherwise vulnerable to flooding?
 - a. Tip Text: Use the FEMA tool <https://msc.fema.gov/portal/home> to determine your flood zone status
7. Is more than 50% of the site, not including building footprint, impervious surface or compacted soil?

8. Are there unused spaces near the building that can be used to address potential surface water issues (berms, swales, pervious surfaces, rain gardens, vegetation)?

9. Are there any permanent flood barriers included in the building's landscape plan? Does the building have a system for deploying temporary flood barriers in case of flooding?

10. Are there ground-level apartments?

11. Are there engineered flood vents present in non-living space below base flood elevation to allow water to infiltrate?

12. Are the exterior siding material and interior materials used below base flood elevation flood damage resistant? (e.g. FEMA TB 2)

13. Are there stormwater catch basins located on or adjacent to the site?

14. Are any utility connections, mechanical, electrical, telecom, or plumbing equipment located below the base flood elevation?

15. Does the building have an elevator(s) with motors, controls and other equipment located below the base flood elevation?

16. Do elevators have flooding sensors and second floor return programming in the event of flooding?
17. Is there fixed or portable fuel storage at or below the base flood elevation?
18. Has the property experienced sewer or stormwater backups during heavy rain or flood events?
19. Are there interior floor drains?
20. Is there a sump pump located in the lowest point of the building?
21. Is the sump pump supplied with auxiliary power in case of a power failure?
22. Has the foundation been inspected/assessed by a professional to determine its resistance to climate change hazards? (Sea level rise, flooding, collapse, etc.)
23. Is the foundation material permeable such as brick, stone, or rubble?

Extreme Wind

24. Has the building been assessed for structural integrity by a professional?
25. Is the roof anchored to the walls to resist high velocity wind loads?
 - a. Tip Text: Use the Applied Technology Council (ATC) site to compare your design drawings to wind loads <https://hazards.atcouncil.org/>
26. Is the building envelope resistant to damage from windborne debris?
27. Does the building have impact resistant windows and shutters designed to resist high velocity wind debris?
28. Is the roof engineered to support rooftop equipment?
29. Has rooftop equipment been secured to resist extreme wind loads?
30. Does the roof have stone ballast?
31. Are there sources of debris on site or in close proximity to the building?
32. Are there large trees near the building?

Extreme Heat

33. Does the building have energy efficient windows?
34. Are window frames or sealant failing?
35. Do south, east, and west-facing windows have shades, awnings, or overhangs?
36. Have shades, awnings, or overhangs been installed to resist extreme winds?
37. Is HVAC equipment distributed (for example, is the main heating and cooling equipment for each apartment located in that apartment)?
38. Do residents complain of uneven temperatures or discomfort at times of high heat or extreme cold?
39. Is the roof material a dark color?
40. Is the site surrounded by dark pavement or other heat absorbing surfaces?

Unhealthy Housing

41. Does the building have balanced outdoor air supply and exhaust ventilation to units and common areas?
42. Are there battery-operated or battery back-up carbon monoxide detectors in each unit?
43. Does the building have an integrated pest management plan?
44. Are there frequent complaints of pests?
45. Is combustion equipment including stoves, ovens, water heaters, etc., vented to the outside?
46. Are clothes dryers and bath fans vented to the outside?
47. Is there any evidence of mold?
48. Are trash enclosures or trash rooms adequately sized, clean, and in good working condition?
49. Are portable trash containers secured to prevent them from becoming dislodged during high wind or flooding events?

- 50. Is there peeling or chipping paint, especially around doors and windows?
- 51. Has there been any evidence or confirmation of lead-based paint?
- 53. Are exterior pathways free of tripping hazards?
- 53. Is there a detailed plan to reduce the risk of virus transmission (e.g., ventilation, regular disinfection)?

Operations and Community

- 54. Does the building have an emergency management plan covering building protection, resident engagement, and business continuity?
 - a. <https://businesscontinuity.enterprisecommunity.org/>
- 55. Is emergency egress signage and wayfinding in place and highly visible?
- 56. Are the exterior pathways and entrances well-lit and slip resistant?
- 57. Are mechanical systems manuals and shut-down procedures available and stored in a safe and convenient location?
- 58. Is there a backup potable water supply or potable water storage on site?
- 59. Is there a backup generator available on site?
- 60. Has the backup generator been designed for current critical system loads?
- 61. Are there instructions for tenants to relocate or protect their vehicles?
- 62. Does the building have a dedicated space for residents to post information or otherwise support community engagement and interaction?
- 63. Does the building have an unoccupied space or a space that can serve as a community room?
- 64. Are regular meetings held with residents about important topics?
- 65. Are the water fixtures low-flow and appliances EnergyStar?
- 66. Are both the energy and water usage of the building tracked and benchmarked?