

## NONSTRUCTURAL COMPONENT CHECKLIST

The attached checklist must be provided near the front of the construction plans of all DFCM projects involving new construction, building additions, or the addition of new or replaced components. One box must be checked within each row. Comments should be provided noting the particular component(s) that require seismic restraint.

Please review the [DFCM Guidelines](#) document for more clarification on requirements for non-structural components.

## NONSTRUCTURAL COMPONENT CHECKLIST

| ITEM DESCRIPTION   | NOT<br>REQUIRED | ON CONST.<br>DOCUMENTS | DEFERRED<br>SUBMITTAL | COMMENTS |
|--|-----------------|------------------------|-----------------------|----------|
| <b>Architectural Components:</b>   |                 |                        |                       |          |
| Interior Nonstructural Walls & Partitions  |                 |                        |                       |          |
| Cantilever Elements ( <i>i.e. parapets, etc.</i> )   |                 |                        |                       |          |
| Exterior Nonstructural Wall Elements   |                 |                        |                       |          |
| Veneer   |                 |                        |                       |          |
| Penthouses   |                 |                        |                       |          |
| Ceilings ( <i>i.e. suspended grid or hard-lid</i> )  |                 |                        |                       |          |
| Cabinets ( <i>i.e. storage cabinets, equip, etc.</i> )   |                 |                        |                       |          |
| Access Floors  |                 |                        |                       |          |
| Storage Racks  |                 |                        |                       |          |
| Appendages & Ornamentations  |                 |                        |                       |          |
| Signs & Billboards   |                 |                        |                       |          |
| Other:   |                 |                        |                       |          |
| Other:   |                 |                        |                       |          |
| <b>MEP Components:</b>   |                 |                        |                       |          |
| Fire Sprinklers  |                 |                        |                       |          |
| Mechanical Equipment ( <i>i.e. HVAC, fans, air handlers, boilers, furnaces, tanks, chillers, water heaters, heat exchangers, evaporators, engines, turbines, pumps, compressors, MFR equipment, etc.</i> ) |                 |                        |                       |          |
| Electrical Equipment ( <i>i.e. generators, batteries, inverters, transformers, MCC, panel boards, switch gear, cabinets, etc.</i> )  |                 |                        |                       |          |
| Elevator & Escalator Components  |                 |                        |                       |          |
| Communication Equipment, Computers, Instrumentation, and Controls  |                 |                        |                       |          |
| Roof-mounted Chimneys, Stacks, Cooling & Electrical Towers   |                 |                        |                       |          |
| Lighting Fixtures  |                 |                        |                       |          |
| Vibration Isolated Components  |                 |                        |                       |          |
| Piping & Conduit Systems   |                 |                        |                       |          |
| Ductwork ( <i>including in-line components</i> )   |                 |                        |                       |          |
| Conveyors  |                 |                        |                       |          |
| Cable Trays  |                 |                        |                       |          |
| Other:   |                 |                        |                       |          |
| Other:   |                 |                        |                       |          |

**NOTES:**

1. Deferred submittals for seismic restraint of nonstructural components must be submitted to the DFCM Building Official a minimum of two weeks prior to the planned installation in order to allow for plan review and forwarding to inspectors. In the event that the submittal is deficient additional time may become necessary.
2. If seismic restraints of non-structural components are installed prior to receiving DFCM approval they shall not be covered or concealed until receiving both plan review and inspection approval. Further, installers are proceeding at their own risk until plan review and inspection approval occurs.
3. The requirements for seismic restraint of nonstructural components cannot be satisfied by a general reference to Design Manuals. The design professional may utilize these manuals as a basis of their design, but must provide all supporting documentation to ensure that the design conforms to the requirements of ASCE 7-10, Chapter 13.
4. Submittals must include details of the proposed seismic restraint of nonstructural components. These details must show specific information relating to the materials, type, size, and locations of anchorages; materials used for bracing; attachment requirements of bracing to structure and component; and locations of transverse and longitudinal sway bracing and rod stiffeners. Submittals may also require structural calculations, engineering reports, test data, and/or specifications to ensure code compliance.