CITY OF MIAMI BUILDING DEPARTMENT

MINIMUM INSPECTION PROCEDURAL GUIDELINES FOR BUILDING'S STRUCTURAL RECERTIFICATION

INSPECTION COMMENCED
DATE: _____

INSPECTION COMPLETED
DATE _____

INSPECTION MADE BY

SIGNATURE: _____
PRINT NAME

TITLE _____
ADDRESS:

_____-

DESCRIPTION OF STRUCTURE
a. Name of Title:
b. Street Address:
c. Legal Description:
d. Owners Name:
e. Owner's Mailing Address:
f. Folio Number of Building:
g. Building Code Occupancy Classification:
h. Present Use:
i. General Description, Type of Construction, Size, Number of Stories, and Special Features
Additional Comment:

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Additions to original structure:

2. PRESENT CONDITION OF STRUCTURE

a. General alignment (not good, fair, poor, explain if significant)

1. Bulging
2. Settlement
3. Defections
4. Expansion
5. Contraction

b. Portion showing distress (Note, beams, columns, structural walls, floors, roofs, other)

c. Surface conditions – describe general conditions of finishes, noting cracking, spalling, peeling, signs of moisture penetration & stains.

d. Cracks – note location in significant members. Identify crack size as HAIRLINE if barely dissemble; FINE if less than 1 mm in width: MEDIUM if between 1 and 2 mm in width; WIDE if over 2 mm.

e. General extent of deterioration – cracking or spalling of concrete or masonry; oxidation of metals; rot or borer attack in wood.

f. Previous patching or repairs

g. Nature of present loading indicate residential, commercial, other estimate magnitude.

3. INSPECTIONS

a. Date of notice of required inspection
b. Date(s) of actual inspection
c. Name and qualification of individual submitting inspection report:
d. Description of any laboratory or other formal testing, if required, rather than manual or visual procedures
e. Structural repair note appropriate line:
1. None required
2. Required (describe and indicate acceptance)

4. SUPPORTING DATA

a. _____ sheet written data

b. _____ photographs

c. _____ drawings or sketches:

5. MASONRY BEARING WALL = Indicate good, fair, poor on appropriate lines:

a. Concrete masonry units
b. Clay tile or terra cota units
c. Reinforced concrete tile columns
d. Reinforced concrete tile beams
e. Lintel
f. Other type bond beams
g. Masonry finishes - exterior
1. Stucco
2. Veneer
3. Paint only
4. Other(describe)
h. Masonry finishes - interior
1. Vapor barrier
2. Purring and plaster
3. Paneling
4. Paint only
5. Other (describe)
i. Cracks:
1. Location - note beams, columns, other
2. Description
j. Spalling:
1. Location - note beams, columns, other
2. Description
k. Rebar corrosion-check appropriate line:
1. None visible
2. Minor-patching will suffice
3. Significant-but patching will suffice

4. Significant-structural repairs required

l. Samples chipped out for examination in spall areas:
1. No.
2. Yes - describe color texture, aggregate, general quality

6. FLOOR AND ROOF SYSTEM

a. Roof:
1. Describe (flat, slope, type roofing, type roof deck, condition.
2. Note water tanks, cooling towers, air conditioning equipment, signs, other heavy equipment and condition of support:
3. Note types of drains and scupper and conditionooling towers, air condition:
b. Floor systems(s)
1. Describe (type of system framing, material, spans, condition)
c. Inspection – note exposed areas available for inspection, and where it was found necessary to open ceilings, etc. for inspection of typical framing members.

7. STEEL FRAMING SYSTEM

a. Description

b. Exposed Steel - describe condition of paint & degree of corrosion:
c. Concrete or other fireproofing – note any cracking or spalling, and note where any covering was removed for inspection
d.Elevator sheave beams & connections, and machine floor beams – note condition:

8. CONCRETE FRAMING SYSTEM

a. Full description of structural system
b. Cracking
1. Not significant
2. Location and description of members affected and type cracking
c. General condition
d. Rebar corrosion - check appropriate line:

1. Non visible
2. Location and description of members affected and type cracking
3. Significant but patching will suffice
4. Significant - structural repairs required (describe)
e. Samples chipped out in spall areas:
1. No.
2. Yes, describe color, texture, aggregate. general quality:

9. WINDOWS

a. Type (Wood, steel, aluminum, jalousie, single hung, double hung, casement, awning, pivoted, fixed, other)
b. Anchorage – type & condition of fasteners and latches:
c. Sealant – type of condition of perimeter sealant & at mullions:
d. Interiors seals – type & condition at operable vents:
e. General condition:

10. WOOD FRAMING

a. Type – fully describe if mill construciton, light construction, major spans, trusses;
b. Note metal fitting i.e., angles, plates, bolts, split pintles, pintles, other, and note condition:
c. Joints – note if well fitted and still closed:
d. Drainage – note accumulations of moisture:
e. Ventilation –note any concealed spaes not ventilated:
f. Note any concealed spaces opened for inspection: