



2014 CONSTRUCTION CODES UPDATE PAGES

Attached are 2014 Construction Codes Update Pages. These pages reflect local laws enacted and ministerial administrative corrections made after December 31, 2014. Please note that the source of a particular update, the local law number, and year is indicated on each page. Please visit our [webpage](#) to ensure that your codes are complete and up to date as the City Council may periodically pass Local Laws that affect the Construction Codes.

Instructions:

Please place each page, according to its page number found on the bottom right hand corner, into your Construction Codes books.

The pages contain letters after the page number and should be placed in alphabetical order following the number, i.e. 5, 6, 6a, 6b, etc.

Place Title Pages in the front of your Code books for easy reference.

CONSTRUCTION CODES UPDATE PAGES

UPDATE # 81

Source: Local Laws 92 & 94 of 2019, effective November 15, 2019.

This update includes the following pages:

GENERAL ADMINISTRATIVE PROVISIONS	
<u>Section</u>	<u>Page Number</u>
28-101.4.3	2a

BUILDING CODE	
<u>Section</u>	<u>Page Number</u>
1502.1	338a
1504.9	340a – b
1511	352a
1511.2	352a – b

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Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.
Source: Local Laws 92 & 94 of 2019, effective November 15, 2019.

GENERAL ADMINISTRATIVE PROVISIONS

Insert between pages 2 and 3 of your bound volume of the NYC General Administrative Provisions.

Amend section 28-101.4.3, Exception 12 to read as follows:

12. Roof recovering and replacements.

- 12.1. Installation and materials.** Work involving the recovering or replacing of an existing roof covering shall be governed by sections 1510.1 through 1510.6 of the New York city building code;
- 12.2. Cool roofs.** Work involving the recovering or replacing of an existing roof covering shall comply with section 1504.9 of the New York city building code unless the area to be recovered or replaced is less than fifty percent of the roof area and less than 500 square feet (46 m²).
- 12.3. Green roofs.** Notwithstanding the applicant's election to use the 1968 building code or prior code, work involving green roof systems and container gardens shall be permitted to be performed pursuant to chapter 15 of the New York city building code.
- 12.4. Sustainable roofs.** Work involving the replacing of an entire existing roof deck or roof assembly shall comply with section 1511.2 of the New York city building code.

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Source: Local Laws 92 & 94 of 2019, effective November 15, 2019.

BUILDING CODE

Insert between pages 338 and 339 of your bound volume of the NYC Building Code.

Amend Section 1502.1 by adding a new definition in alphabetical order to read as follows:

SUSTAINABLE ROOFING ZONE. Areas of a roof assembly where a solar photovoltaic electricity generating system, a green roof system, or a combination thereof, is installed.

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Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.
Source: Local Laws 92 & 94 of 2019, effective November 15, 2019.

BUILDING CODE

Insert between pages 340 and 341 of your bound volume of the NYC Building Code.

Amend Section 1504.9 to read as follows:

1504.9 Reflectance. Roof coverings on roofs or setbacks with slope equal to or less than two units vertical in 12 units horizontal (17 percent) shall have:

1. A minimum initial solar reflectance of 0.7 in accordance with ASTM C 1549 or ASTM E 1918, and a minimum thermal emittance of 0.75 as determined in accordance with ASTM C 1371 or ASTM E 408; or
2. A minimum SRI of ~~78~~ 82 as determined in accordance with ASTM E 1980.

Roof coverings on roofs or setbacks with slope greater than two units vertical in 12 units horizontal (17 percent) shall have:

1. A minimum initial solar reflectance of 0.25 in accordance with ASTM C 1549 or ASTM E 1918, and a minimal thermal emittance of 0.75 as determined in accordance with ASTM C 1371 or ASTM E 408; or
2. A minimum SRI of 39 as determined in accordance with ASTM E 1980.

Exceptions:

1. Terraces on setbacks comprising less than 25 percent of the area of the largest floor plate in the building.
2. Any portion of a roof covered by a green roof system, including such a system with agricultural plantings, in compliance with Section 1507.16.
3. Any portion of a roof used as outdoor recreation space by the occupants of the building that is landscaped, covered by wood decking or covered with a walking surface or other protective surface, provided that such walking surface or protective surface has a minimum initial solar reflectance of 0.3 as determined in accordance with ASTM C 1549 or ASTM E 1918.
4. Ballasted roofs, provided that the ballast has a minimum initial solar reflectance of 0.2 as determined in accordance with ASTM C 1549 or ASTM E 1918.
5. Any portion of a roof that is under mechanical equipment, ~~flush-mounted solar panels lying directly on the roof surface,~~ duckboarding, decking, platform, roof tank, cooling tower or any other rooftop structure or equipment exempted by rule by the commissioner.
6. Any roof or portion of a roof composed of glass, metal, clay or concrete tile or plastic/rubber intended to simulate clay or concrete tile, wood, or slate.
7. Any portion of a roof used by a school or daycare center as a playground for children.

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8. Any roof, if the amount of rooftop space not subject to exceptions 1 through 7 is in the aggregate less than 100 square feet (9.3 m²).

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Source: Local Laws 92 & 94 of 2019, effective November 15, 2019.

BUILDING CODE

Insert between pages 352 and 353 of your bound volume of the NYC Building Code.

Amend Section 1511 to read as follows:

SECTION BC 1511

SOLAR PHOTOVOLTAIC PANELS/MODULES AND REQUIRED SUSTAINABLE ROOFING ZONES

1511.1 Solar photovoltaic panels/modules. Solar photovoltaic panels/modules installed upon a roof or as an integral part of a roof assembly shall comply with the requirements of this code and the *New York City Fire Code*.

1511.1.1 Structural fire resistance. The structural frame and roof construction supporting the load imposed upon the roof by the photovoltaic panels/modules shall comply with the requirements of Table 601.

1511.2 Sustainable roofing zone. A sustainable roofing zone shall be required on 100 percent of the roof. For such sustainable roofing zone:

1. A contiguous area of a sustainable roofing zone measuring less than 200 square feet (18.5 m²), or in the case of a building five stories or less in height where the main use or dominant occupancy is classified as Group R, such an area measuring less than 100 square feet (9.20 m²), shall be equipped with at least a solar photovoltaic electricity generating system if such system would accommodate at least 4kW of solar photovoltaic electricity generating capacity, as determined by the department; and
2. A sustainable roofing zone with a slope less than or equal to two units vertical in 12 units horizontal (17 percent) that would accommodate less than 4kW of solar photovoltaic electricity generating capacity, as determined by the department, shall be equipped with at least a green roof system.

Exceptions:

1. Areas required to be set aside for setbacks or access pursuant to the New York City Fire Code, the New York City Construction Codes, or the Zoning Resolution of the City of New York.
2. Areas occupied by rooftop structures, mechanical equipment, towers, parapets, guardrails, solar thermal systems, and appurtenances.
2. Areas occupied by obstructions related to stormwater management practices including, but not limited to, cisterns, or reuse systems that are installed to comply with site connection or stormwater construction permits issued by the department of environmental protection.
3. Terraces on setbacks comprising less than 25 percent of the area of the largest floor plate in the building.
4. Recreational spaces that are principal to the use of the building on which the rooftop is located.
5. A roof assembly with a slope greater than two units vertical in 12 units horizontal (17 percent) that would accommodate less than 4kW of solar photovoltaic electricity generating capacity.

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6. Areas where site conditions are determined by the department to be unfavorable to either a solar photovoltaic electricity generating system or a green roof system.