



Supplemental Plan Check Correction Sheet for Sound Transmission (2014 LABC)

Plan Check / PCIS application number: \_\_\_\_\_

Job Address \_\_\_\_\_

P.C. Engineer \_\_\_\_\_ (E-mail: firstname.lastname@lacity.org) Phone \_\_\_\_\_

Your feedback is important, please visit our website to complete a Customer Survey at www.ladbs.org/LADBSWeb/customer-survey.jsf.

If you have any questions or need clarification on any plan check matters, please contact a plan check supervisor or call our Customer Hotline at (213) 482-0056.

For instruction and other information, read the master plan check correction sheet attached.

Obtain the following Information Bulletins, Affidavits or forms from our web site (www.ladbs.org)

- checkbox P/BC 2014-69 Sound rated partitions and floor ceiling
checkbox Carpet Sound Certificate; IN/Form.10
checkbox P/BC 2014-74 Sound insulation near LAX

1. In Group R Occupancies, wall and floor-ceiling assemblies separating dwelling units or guest rooms from each other and from public space such as interior corridors and service areas shall provide airborne sound insulation for walls, and both airborne and impact sound insulation for floor-ceiling assemblies. All such separating walls and floor-ceiling assemblies shall provide an airborne sound insulation equal to that required to meet a sound transmission class (STC) of 50 (Dn of 45 if field tested). All separating floor-ceiling shall provide impact sound insulation equal to that required to meet an impact insulation class (IIC) of 50 (FIIC of 45 if field tested). (1207.6.1, 1207.7, 1207.8)

EXCEPTION: Impact sound insulation is not required for floor-ceiling assemblies over non habitable rooms or spaces not designed to be occupied, such as garages, mechanical rooms or storage areas.

- a. Identify all sound rated partitions on the floor plans.
b. Provide construction details for sound rated wall assemblies.
c. Provide construction details for sound rated floor-ceiling assemblies
d. All rigid conduits, ducts, plumbing pipes, and appliance vents located in sound assemblies shall be isolated from the building construction by means of resilient sleeves, mounts, or a minimum 1/4" thick approved resilient material. Vents located in sound assemblies shall be isolated from the building construction by means of resilient sleeves, mounts, or a minimum 1/4" thick approved resilient material.
e. An approved permanent, and resilient acoustical sealant shall be provided along the joint between the floor and the separation walls. Floor-ceiling assemblies shall be sealed, lined or insulated with \_\_\_\_\_.
f. Carpets or similar surface material which are part of the floor-ceiling assembly must be installed and inspected before the Certificate of Occupancy is issued and may be replaced only by other floor covering that provides the required impact sound insulation. (1207.8)
g. Metal ventilating and conditioned air ducts located in sound assemblies shall be lined. (Exception: Ducts serving only exitways, kitchen cooking facilities, and bathrooms need not be lined).
h. Mineral fiber insulation shall be installed in joist spaces whenever a plumbing piping, or duct penetrates a floor-ceiling assembly or where such unit passes through the plane of the floor-ceiling assembly from within a wall. The insulation shall be installed to a point 12" beyond the pipe or duct. This requirement is not applicable to fire sprinkler pipe, gas line or electrical conduit.
i. Electrical outlet boxes in opposite faces of separation walls shall be separated horizontally by 24" and note that back and sides of boxes will be sealed with 1/8" resilient sealant and backed by a minimum of 2" thick mineral fiber insulation. (TV, telephone and intercom outlets must be installed in boxes accordingly.)

- j. The entrance doors to residential units from interior corridors are required to have a minimum STC rating of 26. (Laminated 1 3/8" solid-core doors with resilient stops and gaskets or 18 gauge insulated steel slab doors with compression seals all around, including thresholds will meet this requirement).
- k. Wall mounted lavatories and toilets are not permitted in sound rated partitions.
- l. Electrical panels are not permitted in sound rated partitions.
- 2. The building is located where the annual L<sub>dn</sub> or CNEL Exceeds 60 db. Provide acoustical analysis showing that the proposed design will achieve prescribed allowable interior level, or show compliance with Prescriptive Building standards of P/BC 2002-074. (1207.11.3, 1207.11.)

<b>ADDITIONAL CORRECTIONS</b>	Code Sec. No.