



## SOUND SEPARATION WITHIN A HOUSE WITH SECONDARY SUITE

### [Sound Separation Between Side-by-Side Dwelling Units](#)

See [Secondary Suite Design Guide](#) Sound Separation and National Building Code-Alberta Edition (NBC(AE)): Div. B: 9.11 for detailed requirements.

#### COMPLETE AND SUBMIT THIS LETTER WITH THE BUILDING PERMIT APPLICATION

TO: City of Edmonton  
 Safety Codes Permits and Inspections  
 3<sup>rd</sup> Floor, 10111 – 104 AVE NW  
 Edmonton, AB T5J 0J4

DATE: \_\_\_\_\_

RE: PROJECT ADDRESS (or LEGAL DESCRIPTION or CITY FILE No.) \_\_\_\_\_

Sound Transmission Class (STC) is a rating of sound isolation of a building wall or floor/ceiling assembly. Apparent Sound Transmission Class (ASTC) quantifies sound transmission directly through separating assembly and indirectly via adjoining construction. Higher ratings indicate better sound isolation.

SELECT ↓	<b>Secondary suite sound separation</b> from primary dwelling and other spaces where noise may be generated will be provided by the following:
<input type="radio"/>	<ul style="list-style-type: none"> <li>• Install sound-absorbing material (batt/cellulose insulation):                             <ul style="list-style-type: none"> <li>○ Floor/ceiling: 6"+ [Do not block return air runs; find acceptable arrangement in "sound separation" chapter in <a href="#">the guide</a>]</li> <li>○ Walls: fill stud spaces</li> </ul> </li> <li>• Install resilient channel @ max. 24" on centre on underside floor/ceiling and 1 side of walls</li> </ul>
<input type="radio"/>	STC43+ Assembly per <a href="#">Tables 9.10.3.1.-A &amp; -B</a> & footnotes
<input type="radio"/>	Acoustical Engineer Design for ASTC40+ <b>submitted with application</b> per NBC(AE): Div. B:5.8.1.4. / 5.8.1.5
<input type="radio"/>	Acoustical Engineer As-Built Test for ASTC40+ <b>to be submitted</b> before the final building inspection
I will notify the Building Permit issuer if the construction intention is modified during the project.	
Type name to sign OR print form and sign	
SIGNATURE OF BUILDING PERMIT APPLICANT	PRINT NAME