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5.7 The results of Noise Isolation Class (NIC) of the tested Nuesing Movable Walls are shown in the following table.

Specimen Description	Specimen Location		Noise Isolation
	Source Room	Receiving Room	Class (NIC)
Specimen 1	Room 2	Room 1	49
Specimen 2	Room 2	Room 3	48
Specimen 3	Room 4	Room 3	49
Specimen 4	Room 4	Room 5	48
Specimen 5	Room 6	Room 5	41
Specimen 6	Room 7	Room 6	33

## 6. <u>Discussions</u>

From the measurement results given in Section 5.7, it can be found that the sound insulation performance of Specimen 5 & 6 is much poorer than that of other samples. During the *in-situ* measurement, it is found that the door adjacent to Specimen 6 cannot provide sufficient sound insulation performance as the Nuesing Movable Walls. It can be believed that the poor sound insulation performance of Specimen 5 & 6 is major affected by poor sound transmission loss of doors.



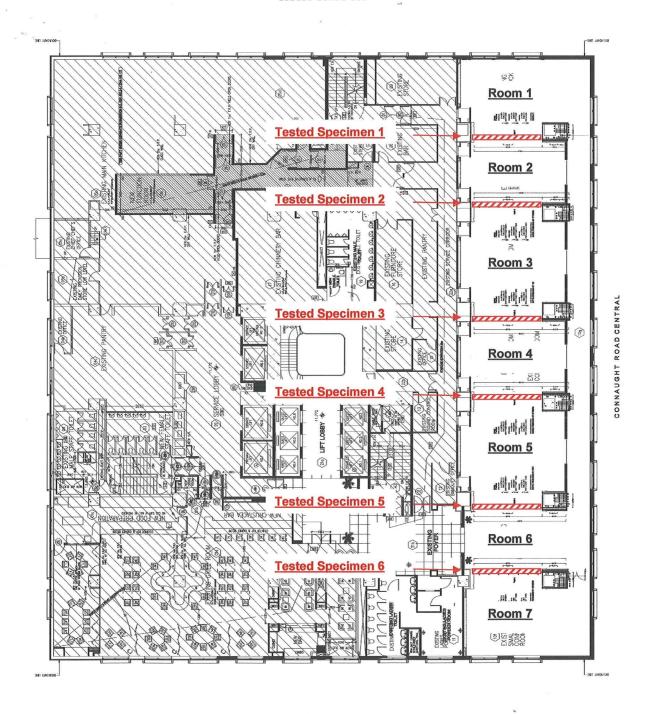


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## **APPENDIX 1**

## **Specimen Locations**

ICE HOUSE STREET



STATUS SUTATS



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