Part 1  General

1.1  Summary

.1 Unless otherwise indicated, follow the standards below when specifying permanent separation of decontaminated spaces (or “upper seal”) from adjoining non-project areas. These standards are not intended to restrict or replace professional judgement.

1.2  Related McGill’s Guidelines

.1 McGill requires the following, most notably, (but not limited to) standards to be applied:


1.3  Design Requirements

.1 Clearly indicate location and information on drawings for desired acoustical and fire ratings of permanent upper seal walls.

.2 Warning stickers to be placed on partition upper seal indicating, on decontaminated side, “hazardous materials on other side” and fire rating if required.

.3 Warning stickers to be placed on partition upper seal indicating, on contaminated side, that it is an “upper seal” limit with fire rating, if it is the case.

.4 Stickers to be provided by McGill EHS.

.5 Contractor is to be advised of the possibility of smoke test to verify seal efficiency.

.6 Before the space is decontaminated, the contractor must install a temporary seal in the ceiling space extending at least 6 inches horizontally (on the contaminated side) from where the permanent upper seal will be installed. The temporary seal can remain in place after the work is completed.

.7 Verification to be done on the ventilation system installations for the modified spaces to ensure adequate ventilation is maintained. Modification of the system to be done if necessary on either side of the upper seal.

.8 Verification to be done on the sprinklers and fire detection installations to ensure that the existing protection is maintained. Modification to systems to be done if necessary on either side of the upper seal.

Part 2  Products

2.1  Preferred Products

.1 Accepted products for permanent and visible upper seal:

.1 Cement
2.2 Related Technical Sections

The technical sections of the McGill Building Design and Technical Standards should be consulted with the current document, most notably (but not limited to) the following:

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Title of Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 74 19</td>
<td>Waste Management and Disposal</td>
</tr>
<tr>
<td>02 80 00</td>
<td>Hazardous materials</td>
</tr>
<tr>
<td>07 84 00</td>
<td>Fire stopping</td>
</tr>
<tr>
<td>07 92 10</td>
<td>Joint sealing</td>
</tr>
<tr>
<td>09 21 16</td>
<td>Gypsum board assemblies</td>
</tr>
<tr>
<td>09 22 27</td>
<td>Suspended ceiling</td>
</tr>
<tr>
<td>23 00 00</td>
<td>Ventilation</td>
</tr>
</tbody>
</table>

END OF SECTION