<table>
<thead>
<tr>
<th>A</th>
<th>EXISTING FLOOR ASSEMBLY</th>
<th>B</th>
<th>PROPOSED UPGRADED FLOOR ASSEMBLY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXISTING T&amp;G DOUG. FIR FLOORING</strong></td>
<td><strong>EXISTING 2x8 FLOOR JOISTS SPACED 16&quot; O.C.</strong></td>
<td></td>
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</tr>
<tr>
<td><strong>EXISTING 1x4 SUBFLOOR</strong></td>
<td><strong>NEW 3 1/2&quot; GLASS FIBER BATT INSULATION</strong></td>
<td></td>
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</tr>
<tr>
<td><strong>EXISTING 2x8 FLOOR JOISTS SPACED 16&quot; O.C.</strong></td>
<td><strong>1/2&quot; RESILIENT CHANNEL (RC-1)</strong></td>
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</tr>
<tr>
<td><strong>FIRE RESISTANCE RATING : NONE</strong></td>
<td><strong>5/8&quot; TYPE &quot;X&quot; PAINTED GYP. BD.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STC RATING : UNKNOWN (APPROX. 50)</strong></td>
<td></td>
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</tbody>
</table>

**FIRE RESISTANCE RATING : UNKNOWN (APPROX. 1 HR.)**

**STC RATING : UNKNOWN (APPROX. 50)**

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**GA FILE NO. FC 5120**

**GENERIC**

**WOOD JOISTS, GYPSUM WALLBOARD, RESILIENT CHANNELS, GLASS FIBER INSULATION**

- One layer 1/2" type X gypsum wallboard or gypsum veneer base applied at right angles to resilient furring channels 24" o.c. with 1" Type S drywall screws 8" o.c. at ends and 12" o.c. at intermediate furring channels.
- Gypsum board end joints located midway between continuous channels and attached to additional pieces of channel 64" long with screws 8" o.c. Resilient furring channels applied at right angles to 2 x 10 wood joists 16" o.c. with 6d coated nails, 1/4" long, 0.085" shank, 1/4" heads, two per joist.
- Wood joists supporting 5/8" interior plywood with exterior glue subfloor and 5/8" particle board, 1.5 psf.
- 3/16" glass fiber insulation batts, 0.7 psf, friction fit in joint cavities supported alternately every 12" by wire rods and resilient furring channels.

Sound tested with carpet and pad and with insulation stapled to joists.

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**1 HOUR FIRE**

- **Weight:** 2 psf
- **Fire Test:** FM FC-181, 8-31-72
- **Sound Test:** G&H OC-3MT, 10-13-71 (73 C & P)

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**50 to 54 STC SOUND**

- **Weight:** 2 psf
- **Sound Test:** G&H OC-3MT, 10-13-71