40 oz pad and 44 oz carpet

$\frac{3}{8}''$ sheathing

Rosin-impregnated paper

$\frac{3}{4}''$ sheathing

$\frac{5}{8}''$ gypsum board

Resilient channels at 24" o.c.

Open-web truss

Laboratory Test
STC = 48
INR = +11 with pad and carpet
RAL No. TL 70-48