THE CEILING: Positioned 48 feet above the stage, a double-curved “cloud” disguises or hides most of the technical lighting, rigging and sound-support equipment. The hall and its 5,550-square-foot ceiling is sound-proofed by 12 inches of concrete.

THE SAILS: Ten stationary concrete walls with the appearance of billowing sails provide the hall with a high-tech auditory tapestry. They’re fiberglass reinforced, covered with acoustical plaster and able to serve as screens for video projection.

THE SEAT WALLS: The low, angled walls framing the seating sections are made of beechwood, with a specific density and textured surface for reflecting and dispersing sound.

THE STAGE: The stage is crafted from Alaskan yellow cedar, a relatively soft and resonant wood sometimes coveted for use in guitar soundboards. Six platforms can be raised or lowered to accommodate different performance needs. No seat in the house is more than 75 feet from the stage.