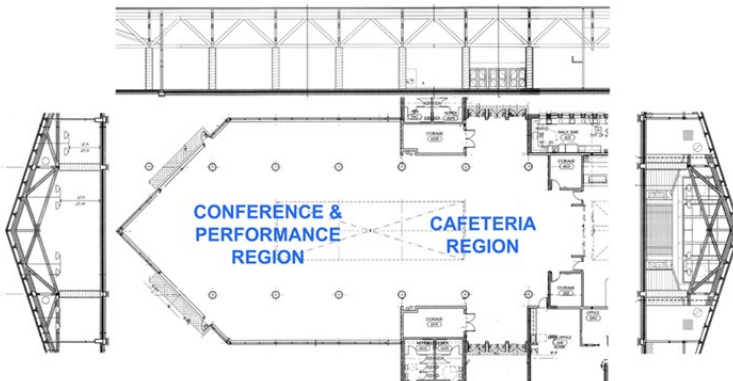
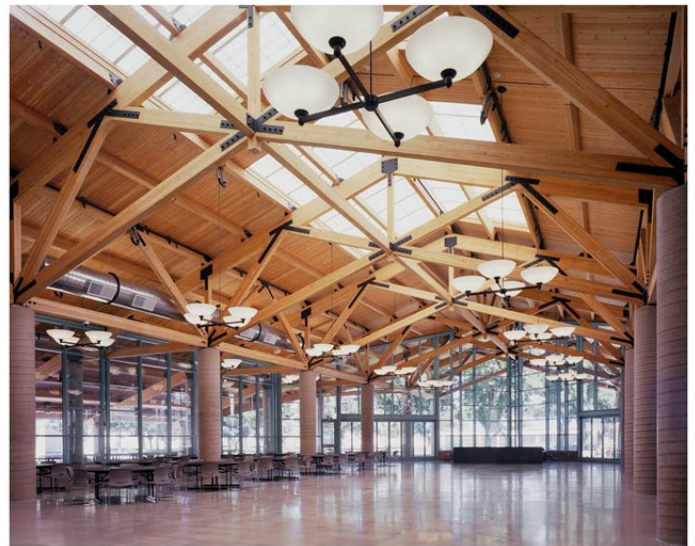




**MCH**

**MCKAY CONANT HOOVER INC**  
Acoustics and Media Systems Consultants



This large multi-purpose space also serves as the city's community center. It provides a cafeteria, exterior snack bar, open dining room. The design foster student and community engagements allowing greater space-planning flexibility although in the absence of an acoustician on the design team, it soon became apparent it was useful only as a cafeteria. MCH was engaged to solve the excessive reverberance, reduce the problematic high noise environment (kitchen and HVAC combined), foster appropriate acoustics for student musical performances - and do all this while respecting the architecturally impressive wood structure.



All the above was accomplished through neatly integrated strokes - each augmenting the other to yield an outcome far greater than the sum of parts. Noise control was achieved via modest re-working of a bank of supply air diffusers and substituting a segmented roll-down door to the kitchen for a link-gate but this was further augmented by both spaced ceiling absorption and absorptive, sound-blocking, rolling gobos that can both block cafeteria noise but also offer a suitable backdrop for the (loud) bands. Three large overhead sound reflectors help direct music toward audience which further overcomes any otherwise problematic reverberance.

Reference: Marty Hochroth, Architect 508.224.9890



**GILROY HIGH SCHOOL**  
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