

- Detail 1 shows a historical chart of decay time verses volume and function. By historical, the functions are relative to ~50yrs ago (meaning the upper range of music would be ideal for liturgical church/choir/organ). - *Note 1: The ~.85 second targeted decay time at 500Hz for this gathering space

is the proper decay time range for speech function. This would be with 2/3capacity with people in the space. Please make note of this as it will be a major topic on the next page.

PUREMIX	
	January 9, 2016 ::

The process and workflow that has resulted in this acoustical findings report is based on a complete review of the room drawings and images. A 3D SketchUp model specifically created for acoustical studies and optimal panel layout based on the given information.

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C-1 Cover with basic goals A-1 Decay time findings (Global) & Materials A-2 Elevations North & South A-3 Elevations East & West A-4 RCP Acoustics

Aversboro

Gathering

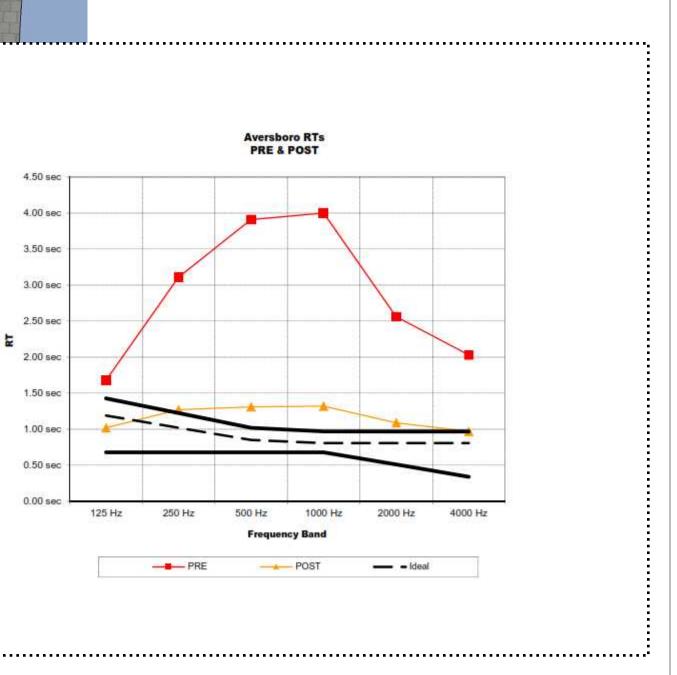


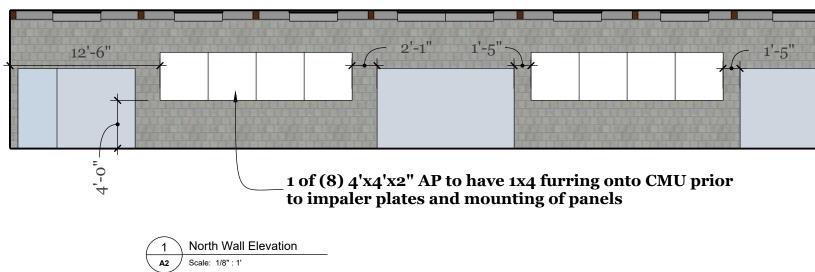
Acoustical Materials:

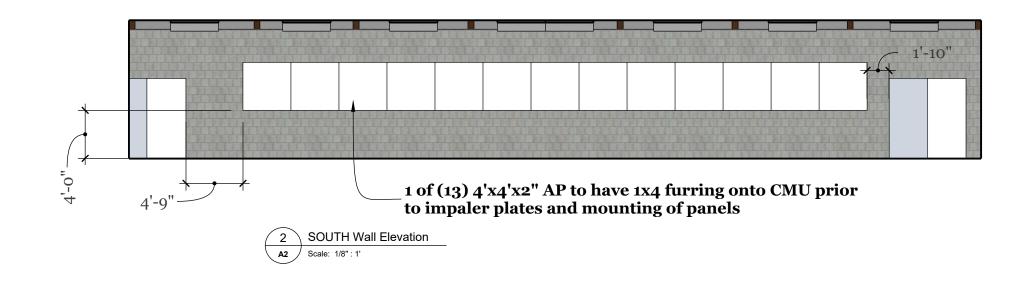
(64) 48" x 48" x 2" Absorption Panel.

Notes: (32) are for ceiling mount with RotoFast hangers. (21) are to be upon CMU surface and will require 1x4 wood furring prior to impaler plates. Remainder (11 panels) are to install on drywall surfaces.

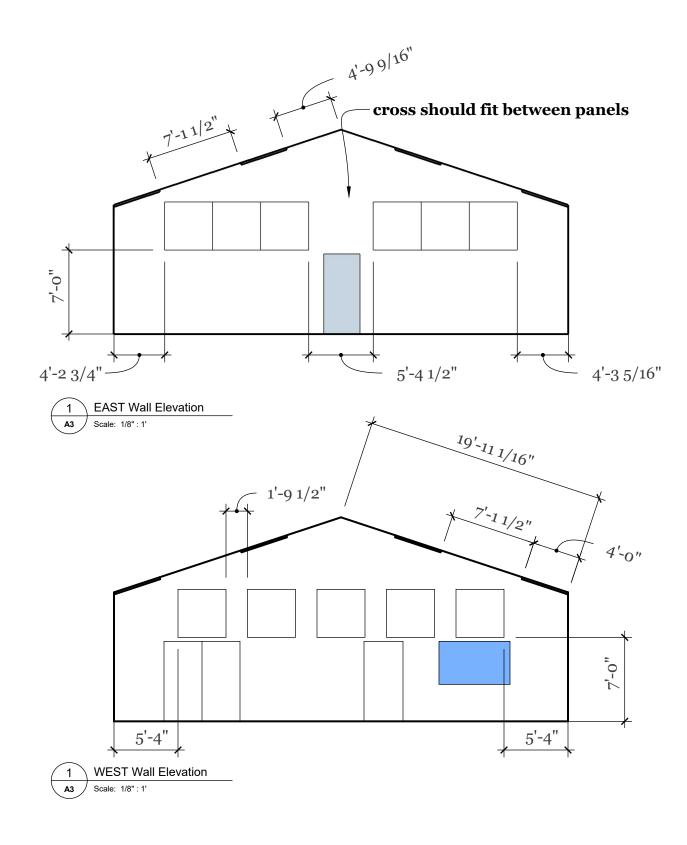
Class A fire rated rigid fiberglass with acoustical fabric covering.



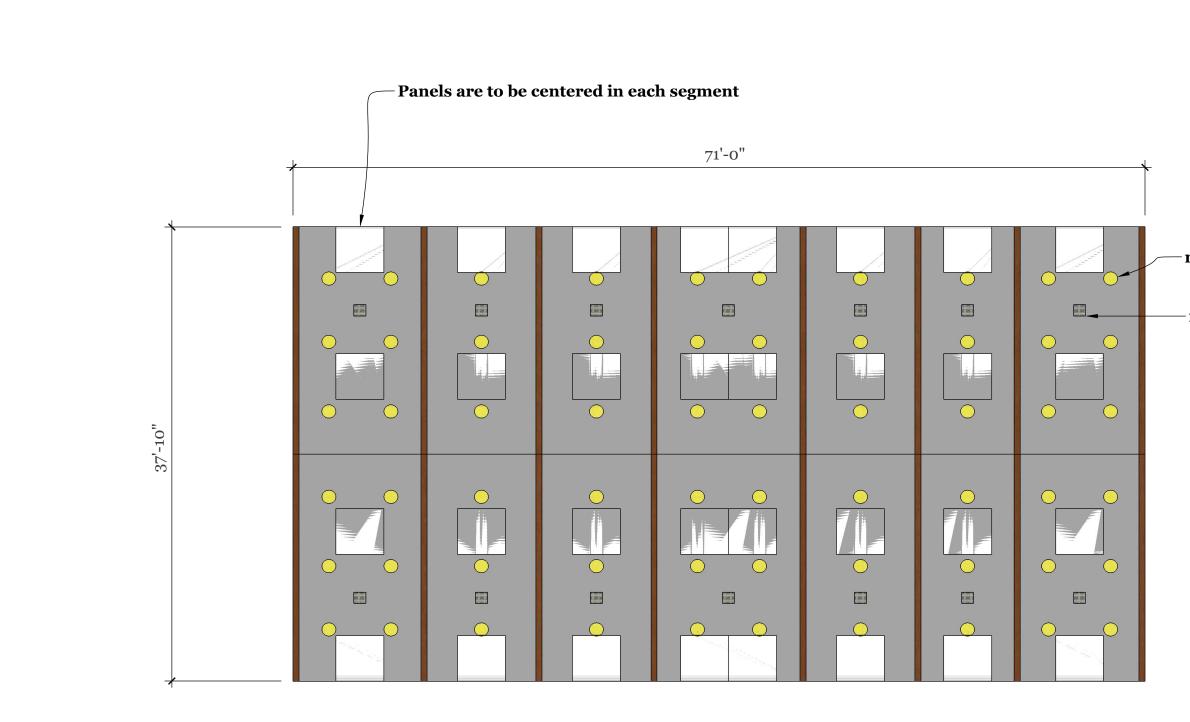




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-representative of light fixture

- representative of HVAC grille