

## KSC Design Visualization

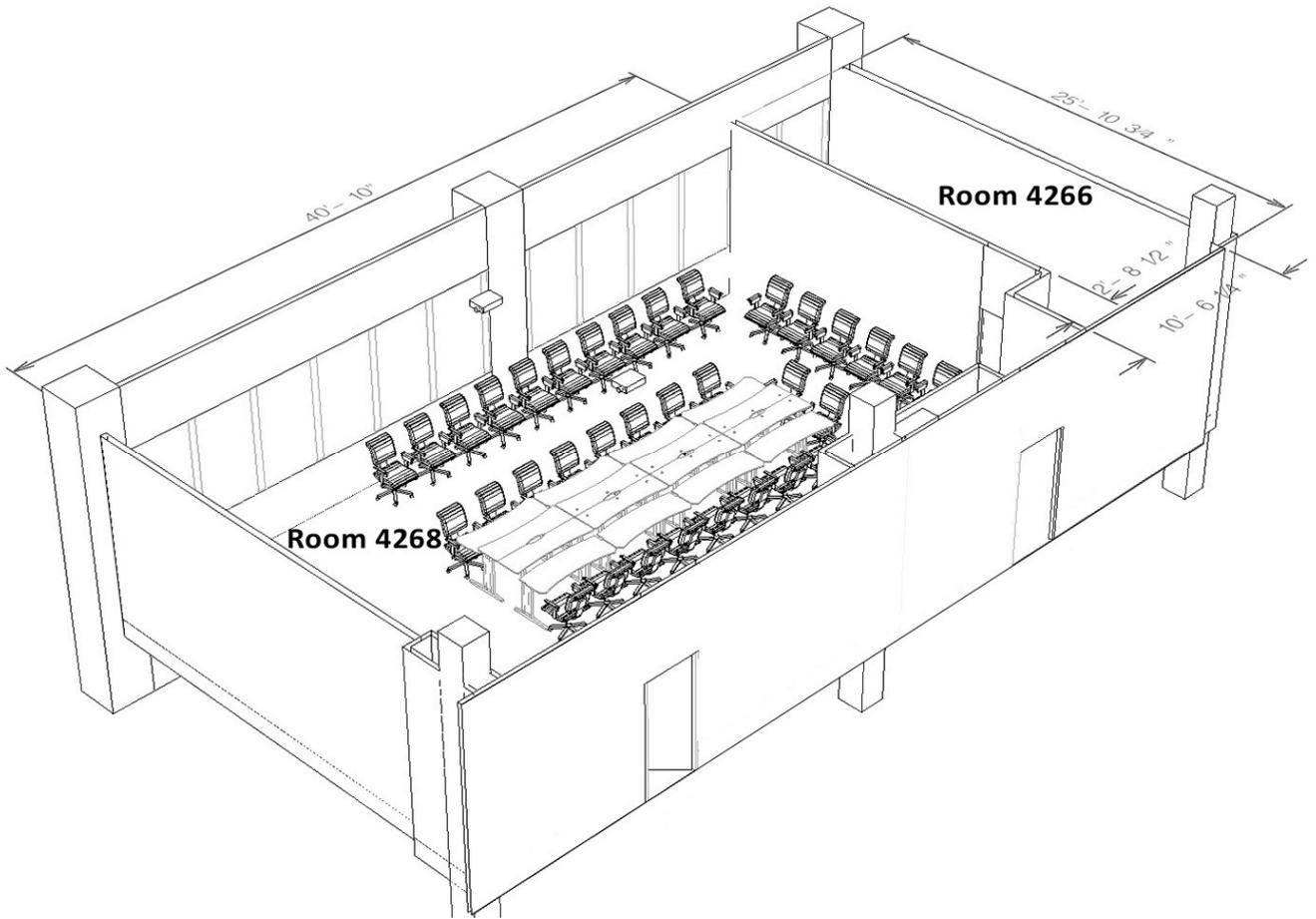
### O&C Conference Room 4268 Audio Conferencing Upgrades

KSC Design Visualization is requesting an audio conferencing system upgrade to the existing Crestron A/V system in O&C conference room 4268. The system will include 11 Shure MX392 table top omnidirectional microphones (or Eq), 4 FSR FP-2-BLK black cover 2 gang floor pockets with 4 input XLR plates, 2 BSS BLU102 DSP's with VOIC Interface (or Eq), all required wiring, installation, programming, system commissioning, training and documentation. The system will include programming to control the dialing interface via the existing Crestron MC3 controller, touch panel and conference room iPads. The system will be also re-programmed to allow ATC audio to be sent to any of existing Crestron 32x32 switch outputs. The source code for the existing system will be provided to accomplish the changes. The audio conferencing system components are listed below in Table 1.

#	Qty	Manufacture/Part No.	Description
1	11	Shure MX392 or equal	Table top omnidirectional microphone
2	2	BSS BLU102 or equal	DSP with ATC VOIP Interface
3	4	FSR FP-2	Floor box for XLR Plates
4	4	TIF	2 gang, 4 input XLR plates
5	1		Mic line as required
6	1		Full Installation & wiring
7	1		Crestron MC3 programming
8	1		System Commissioning
9	1		Documentation and drawing
10	1		System training
11	1		Source Code for completed project

**Table 1: Audio Conferencing Components**

Conference room 4268 is approximately 41'x26' per Figure 1 and has a raised floor with carpet tiles. The microphones and floor plates will be approximately located per attachment 1 "4268 Crestron.pdf" sheet 2. Two full height 19" racks located in room 4266 house the conference rooms AV equipment. The new DSP will be located at the top of Rack 2 per attachment 1 "4268 Crestron.pdf" sheet 3. The Crestron 32x32 switch configuration and connections are shown in attachment 1 "4268 Crestron.pdf" sheet 1. The Creston Touch Panel interface screens are provided in attachment 2 "4268 Control Screens.pdf"



**Figure 2: O&C 4268 Conference Room**

The contractor is not responsible for any electrical work or room modifications other than the installation and wiring of the recessed floor boxes. The conference room floor box installation and wiring must be completed in three or less days. Period of Performance for requirement is 45 days from ARO.