



As-Built Diagrams for Audio Visual System
Rockwall Noon Rotary, Rotary Hall
408 S. Goliad, Rockwall, Tx

Project:	Rockwall Noon Rotary Rotary Hall 408 S. Goliad Rockwall, Tx 75087
Drawn by:	Erik Oistad 7/11/2022

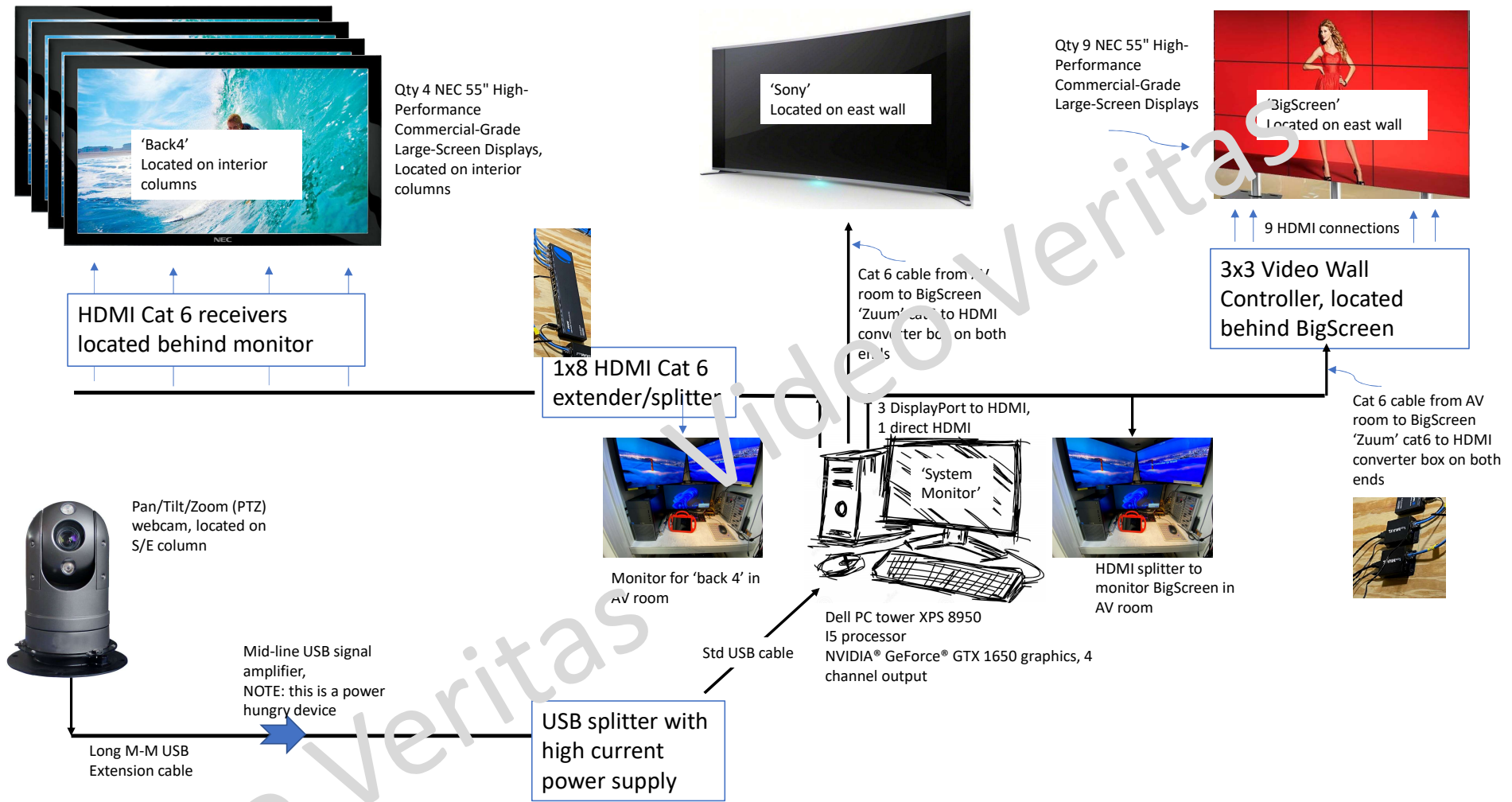
Location of AV Room



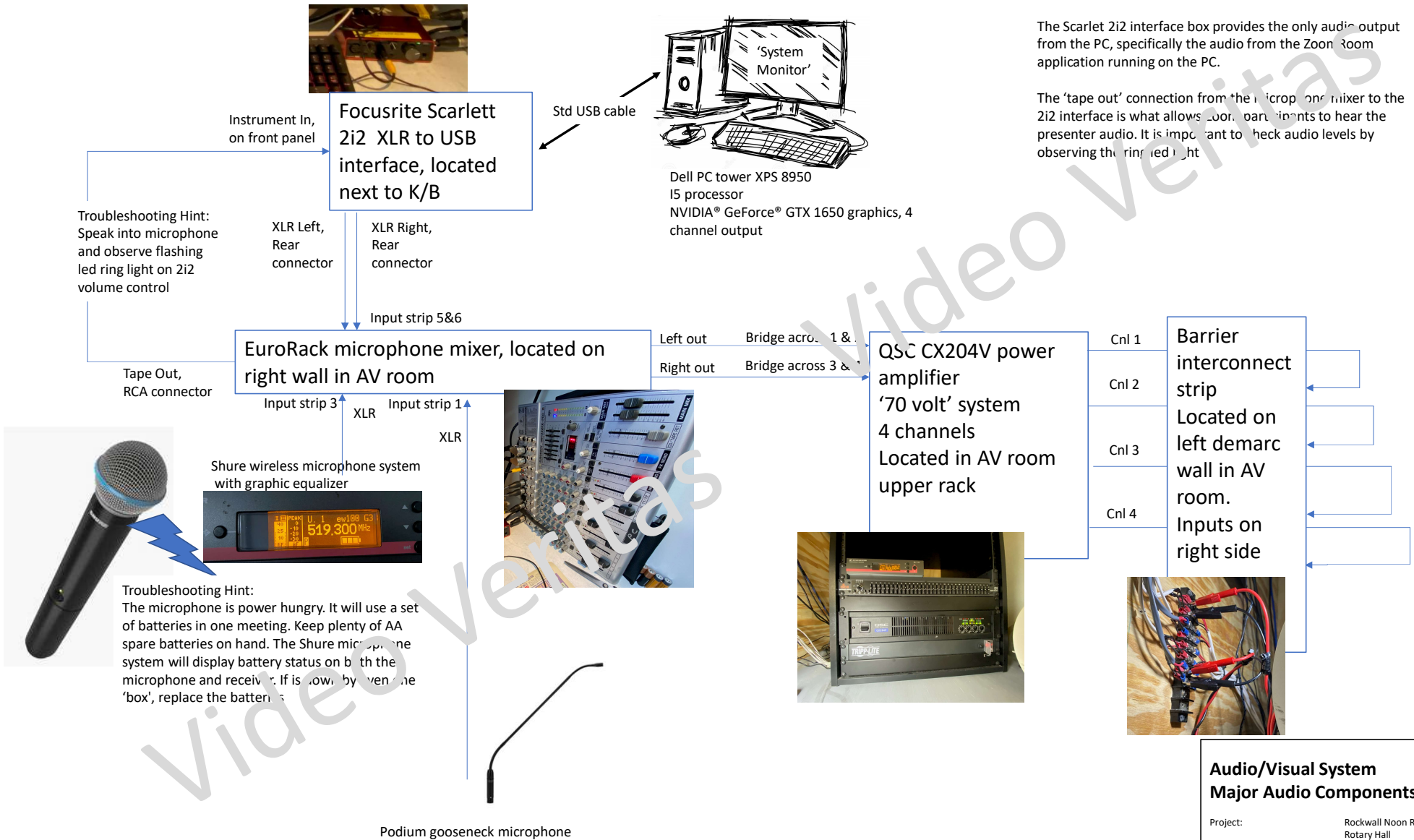
Audio/Visual System Main Room Dimensions

Project: Rockwall Noon Rotary
Rotary Hall
408 S. Goliad
Rockwall, Tx 75087

Drawn by: Erik Oistad
7/11/2022



Audio/Visual System	
Major Video Components	
Project:	Rockwall Noon Rotary Rotary Hall 408 S. Goliad Rockwall, Tx 75087
Drawn by:	Erik Oistad 7/11/2022



Principles of Operation:

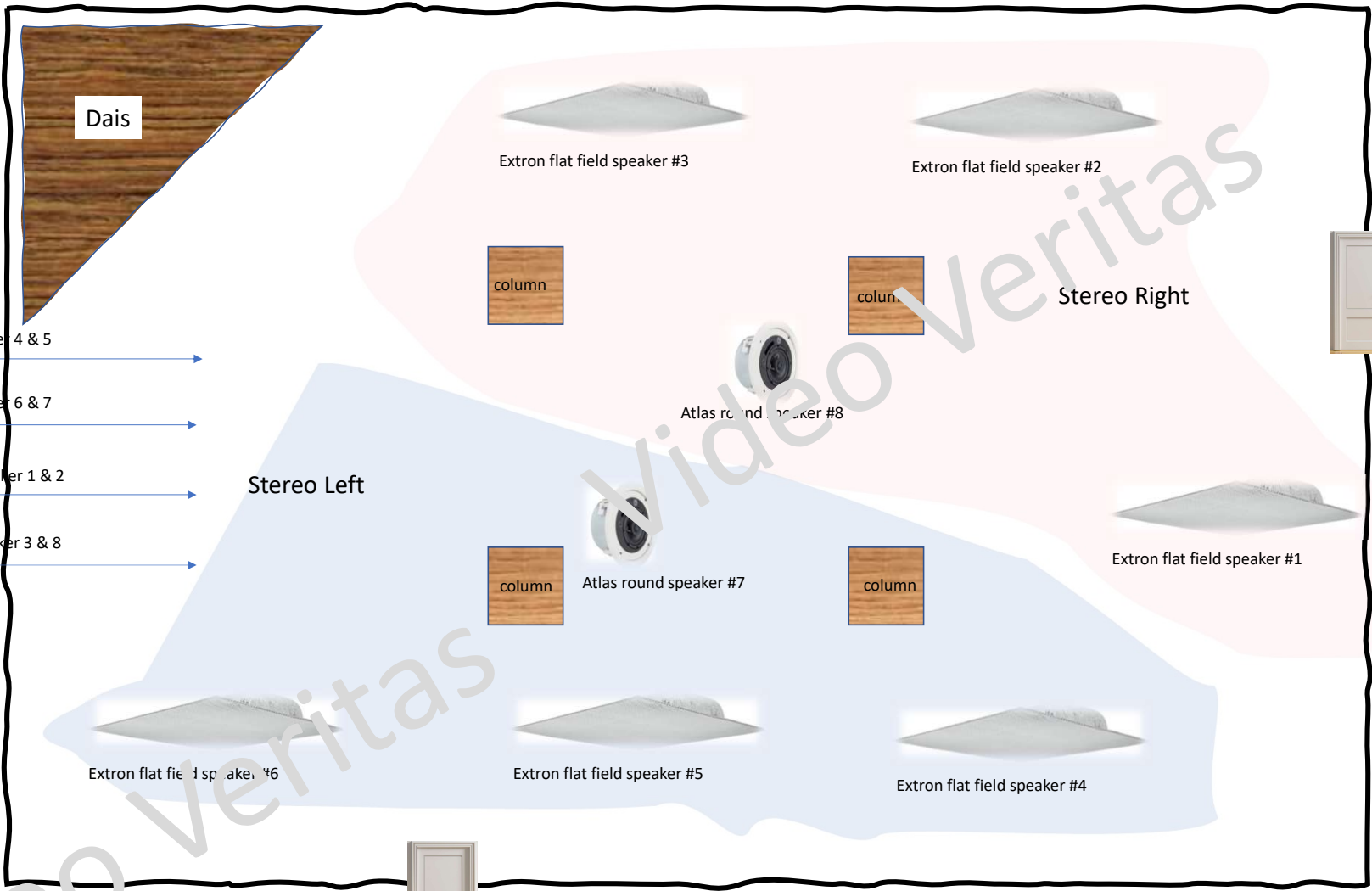
The Scarlett 2i2 interface box provides the only audio output from the PC, specifically the audio from the Zoom Room application running on the PC.

The 'tape out' connection from the microphone mixer to the 2i2 interface is what allows Zoom participants to hear the presenter audio. It is important to check audio levels by observing the ring led light

**Audio/Visual System
Major Audio Components**

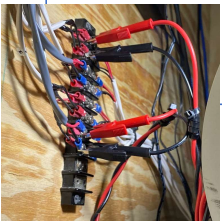
Project: Rockwall Noon Rotary
Rotary Hall
408 S. Goliad
Rockwall, Tx 75087

Drawn by: Erik Oistad
7/11/2022



Barrier speaker interconnect strip
 Located on left demarc wall in AV room.
 Inputs on right side

- Cnl 1, Left, Speaker 4 & 5
- Cnl 2, Left, Speaker 6 & 7
- Cnl 3, Right, Speaker 1 & 2
- Cnl 4, Right, Speaker 3 & 8



Principles of Operation:

All speaker cable runs go directly from speaker to barrier strip. No daisy chains. This is to make for easy troubleshooting.

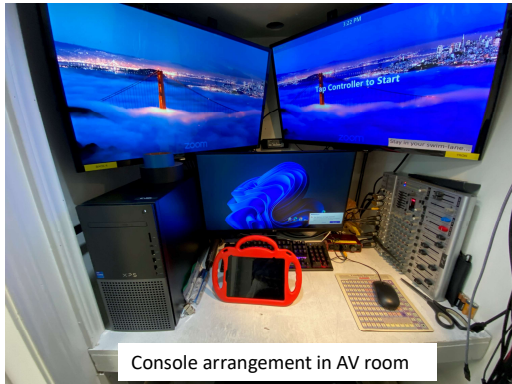
There are two Atlas round speakers in the AV room, on alligator clip test leads. They can be attached to any of the four channels for troubleshooting and can act as monitors during production.

CAUTION: this is a 70 volt system, do not connect a standard low impedance (8 ohm) speaker. Damage will be immediate and permanent

Audio/Visual System Speaker placement detail	
Project:	Rockwall Noon Rotary Rotary Hall 408 S. Goliad Rockwall, Tx 75087
Drawn by:	Erik Oistad 7/11/2022



Verizon internet 5G Gateway box, on back demarc of AV room



Console arrangement in AV room



'Sony'
Located on east wall

ZoomRoom treats this as video group 3



'BigScreen'
Located on east wall

ZoomRoom treats this as video group 2

Principles of Operation:

PC in AV room runs only ZoomRoom. ZoomRoom is greedy and wants all the system resources while running.

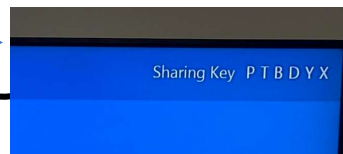
Small Apple iPad (inside a red foam caddy) acts as the ZoomRoom Console. It is paired with the ZoomRoom instance at installation. The pairing key is usually shown on the upper right of the BigScreen.

Communication between the iPad Controller and the ZoomRoom PC is via internet and always goes all the way to the Zoom server. There is no Peer2Peer communication. Internet congestion will slow the ZoomRoom activity.

Some ZoomRoom configuration is done on the iPad Console, but most configuration is done via the Zoom web interface, SignIn via www.Zoom.us Account is currently under erik@oistad.net See Erik for password. If emergency access to password is needed, password is written inside a sealed envelope located in the safe. If this password is used, contact Erik ASAP



ZoomRoom treats this as video group 1



**Audio/Visual System
ZoomRoom Video Channels**

Project: Rockwall Noon Rotary
Rotary Hall
408 S. Goliad
Rockwall, Tx 75087

Drawn by: Erik Oistad
7/11/2022