

Project List: Update- 8/11

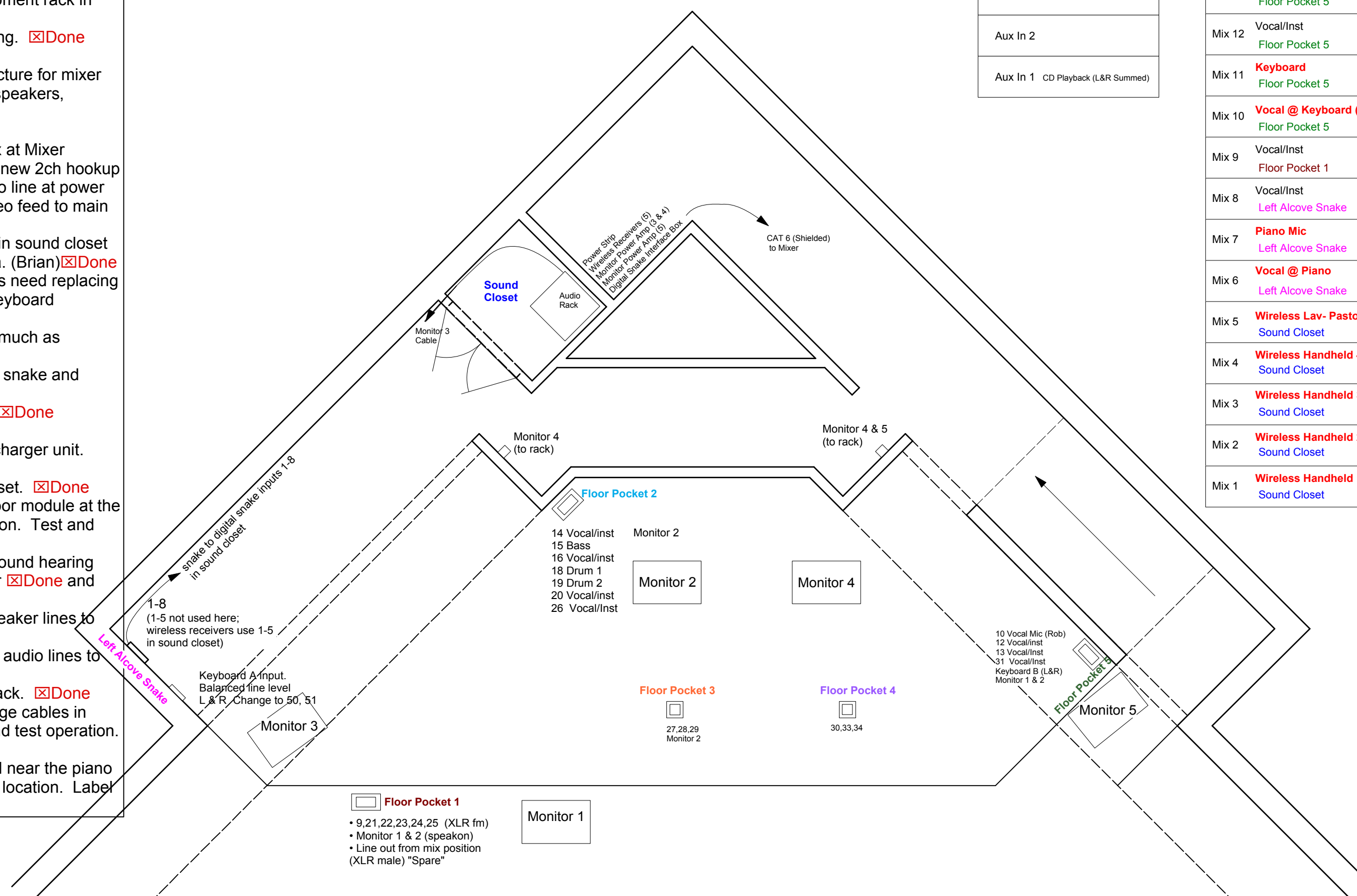
- Move Carvin power amp on chair to closet audio rack. and connect. **☑Done**
- Stereo out from new console will feed main power amp input and 4x distribution amp input. Distribution amp feeds Hallway speakers, Hearing Assistance system, AV recording/ monitoring & main congregation speakers. **☑Done**
- Move wireless receiver from keyboard area to equipment rack in sound closet and connect. **☑Done**
- Re-label jacks and connectors as detailed on drawing. **☑Done**
- Install power on/ power off delay system (Jim)
- Install New Mixer **☑Done&Test**. Set up Gain structure for mixer outputs and power amps to main speakers, monitor speakers, Building speakers, and Hearing assistance system.

- Run one audio line and one spkr line from floor box at Mixer console to main power amp in mix position closet for new 2ch hookup to main speakers. **☑Done** Install connector on audio line at power amp. Prepare speaker cable for changeover to stereo feed to main speakers. **☑Done**
- Run Cat 6 cables from mixer position to audio rack in sound closet (Jim?) **☑Done** • Route the cat5 and 6 in the mix area. (Brian) **☑Done**
- Test and repair keyboard monitor system. (Tweeters need replacing on LX-7 speakers). (Speakers ordered). Re-install keyboard speakers under the console stand. **☑Done**
- Prepare new mixer stereo out cables and install as much as possible. **☑Done**
- Drill hole in wall to left side of sound closet to allow snake and monitor 3 cable to pass through. **☑Done**
- Label new monitor speaker wall plates (4 and 5). **☑Done**
- Repair mic stands. **☑Done**
- Run continuous power to Williams Sound receiver charger unit. (Extension cord through wood panel) **☑Done**
- Mount equipment in the audio rack in the sound closet. **☑Done**
- Remove the audio snake connector box from the floor module at the front of the sanctuary and mount to wall at new location. Test and repair audio lines as needed. **☑Done**
- Install audio line from distribution amp to Williams sound hearing assistance. Bulid balanced stereo to mono convertor **☑Done** and install in line. **☑Done**
- Label Equipment in Sound closet and terminate speaker lines to new power amp. **☑Done**
- Secure wireless receivers 1-4 in audio rack and run audio lines to digital snake. **☑Done**
- Run AC power lines to equipment in sound closet rack. **☑Done**
- Re-label jacks in floorpocket for keyboard and change cables in mixer area. Plug keyboard output to floorpocket 5 and test operation. **☑Done**
- Re-purpose the old keyboard input jacks on the wall near the piano and bring the other end of the cables to rear of mixer location. Label them "50" and "51". **☑Done**

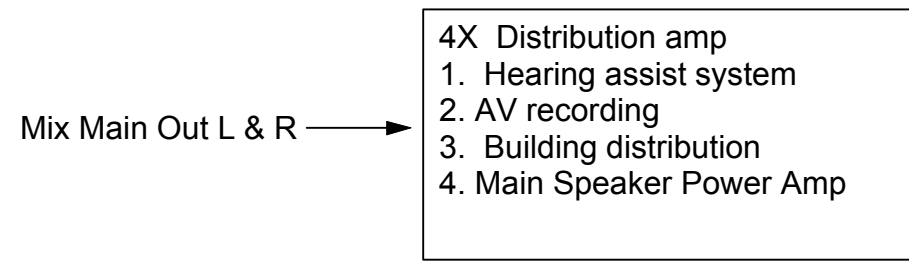
Mixer Input Channel Layout

| | |
|----------|---------------------------|
| Aux In 6 | Phone/ Tablet Cable Right |
| Aux In 5 | Phone/ Tablet Cable Left |
| Aux In 4 | |
| Aux In 3 | |
| Aux In 2 | |
| Aux In 1 | CD Playback (L&R Summed) |

| | | | |
|--------|--|--------|--|
| Mix 16 | Vocal/Inst Floor Pocket 2 | Mix 32 | Vocal/Inst (rear of sanct) Wall Plate |
| Mix 15 | Bass Guitar Floor Pocket 2 | Mix 31 | Vocal/Inst Floor Pocket 4 |
| Mix 14 | Vocal/Inst Floor Pocket 2 | Mix 30 | Vocal/Inst Floor Pocket 4 |
| Mix 13 | Vocal/Inst Floor Pocket 5 | Mix 29 | Vocal/Inst Floor Pocket 3 |
| Mix 12 | Vocal/Inst Floor Pocket 5 | Mix 28 | Vocal/Inst Floor Pocket 3 |
| Mix 11 | Keyboard Floor Pocket 5 | Mix 27 | Vocal/Inst Floor Pocket 3 |
| Mix 10 | Vocal @ Keyboard (Rob) Floor Pocket 5 | Mix 26 | Vocal/Inst Floor Pocket 5 |
| Mix 9 | Vocal/Inst Floor Pocket 1 | Mix 25 | Vocal/Inst Floor Pocket 1 |
| Mix 8 | Vocal/Inst Left Alcove Snake | Mix 24 | Vocal/Inst Floor Pocket 1 |
| Mix 7 | Piano Mic Left Alcove Snake | Mix 23 | Vocal/Inst Floor Pocket 1 |
| Mix 6 | Vocal @ Piano Left Alcove Snake | Mix 22 | Vocal/Inst Floor Pocket 1 |
| Mix 5 | Wireless Lav- Pastor Sound Closet | Mix 21 | Vocal/Inst Floor Pocket 1 |
| Mix 4 | Wireless Handheld 4 Sound Closet | Mix 20 | Vocal/Inst Floor Pocket 2 |
| Mix 3 | Wireless Handheld 3 Sound Closet | Mix 19 | Drum 2 Floor Pocket 2 |
| Mix 2 | Wireless Handheld 2 Sound Closet | Mix 18 | Drum 1 Floor Pocket 2 |
| Mix 1 | Wireless Handheld 1 Sound Closet | Mix 17 | AV Sound |



Floor Pocket 1
 • 9,21,22,23,24,25 (XLR fm)
 • Monitor 1 & 2 (speakon)
 • Line out from mix position (XLR male) "Spare"



| | |
|-------------------|---|
| Output Channel 1 | Monitor 1 (Yamaha Amp CH A) Mixer closet rack |
| Output Channel 2 | Monitor 2 (Yamaha Amp CH B) Mixer closet rack |
| Output Channel 3 | Monitor 3 (Behringer Amp CH A) Sound closet rack |
| Output Channel 4 | Monitor 4 (Behringer Amp CH B) Sound closet rack |
| Output Channel 5 | Monitor 5 (Carvin Amp [mono]) Sound Closet Rack |
| Output Channel 6 | Monitor 6 (Shure In-Ear Monitor- 2 receiver packs) Mixer Position |
| Output Channel 7 | |
| Output Channel 8 | |
| Output Channel 9 | |
| Output Channel 10 | |
| Output Channel 11 | |
| Output Channel 12 | |
| Output Channel 13 | |
| Output Channel 14 | |
| Output Channel 15 | Main Out Stereo Left |
| Output Channel 16 | Main Out Stereo Right |

Mixer Output Channel Layout

| | | |
|--|--------------|---------------------|
| Emmaus Church Sanctuary Sound Upgrade | | |
| Floorplan Drawing: Wiring, labeling, Equipment location and Project list | | |
| Scale: 1/4" = 1'-0" | | |
| July 22, 2014 | B. Bjorklund | Revision: 8/11/2014 |