PROCESS FOR IN-BUILDING PS DAS DEPLOYMENTS

(START)

#1 IDENTIFY

Identify AHJ & Frequency License Holder

- ☐ Determine AHJ requirements
- ☐ Obtain rebroadcast agreement(s)
- ☐ Determine applicable standards (NFPA72, NFPA 1221, IFC, ICC, FCC, etc.)

#2 SURVEY

Site Survey & Baseline Testing

- ☐ Initial survey of floor plans, equipment locations, and impairments
- ☐ Determine downlink coverage DAQ 3.0*

#3 PRE-DESIGN

Preliminary Design

- ☐ RF link budgets
- ☐ Initial antenna and cable layouts
- ☐ Bill of materials (BoM)

#4 STATEMENT

Statement of Work

- ☐ Ensure that all project requirements are clearly defined.

#5 RF SURVEY

RF Survey & CW Testing

- ☐ Perform interference and propagation measurements

#6 UPDATE

Update Design

- ☐ Revise preliminary design & BoM based on results

#7 PRE-CON

Pre-Construction Survey

- ☐ Installer walk-thru to validate cable routes and equipment locations

#8 FIN-DESIGN

Final Design

- ☐ Revise based on changes to installation design if necessary

#9 ORDER

Order Equipment

- ☐ Place your order for equipment.

#10 INSTALL

Installation

- ☐ Install cables, antennas, and active equipment.

#11 COMMISSION

Commissioning

- ☐ Verify RF & optical cable performance (if applicable)
- ☐ Set system gains
- ☐ Test system

#12 ACCEPT

System Acceptance

- ☐ Post install walk through with AHJ Fire Marshal to demonstrate compliance.
- ☐ Customer obtains Certificate of Occupancy from AHJ

(END)

*Delivered Audio Quality (DAQ) *The DAQ scale includes a scale ranging from 1 to 5, with 1 being unusable audio output and 5 being perfect.*			
DAQ 1:	Unusable. Speech present, but not understandable.	**DAQ 3.4:**	Speech understandable without repetition. Some noise or distortion present.
DAQ 2:	Speech understandable with considerable effort. Requires frequent repetition due to noise or distortion.	**DAQ 4:**	Speech easily understandable. Little noise or distortion.
DAQ 3:	Speech or understandable with slight effort. Requires occasional repetition due to noise or distortion.	**DAQ 5:**	Perfect. No distortion or noise discernible.

WESTELL