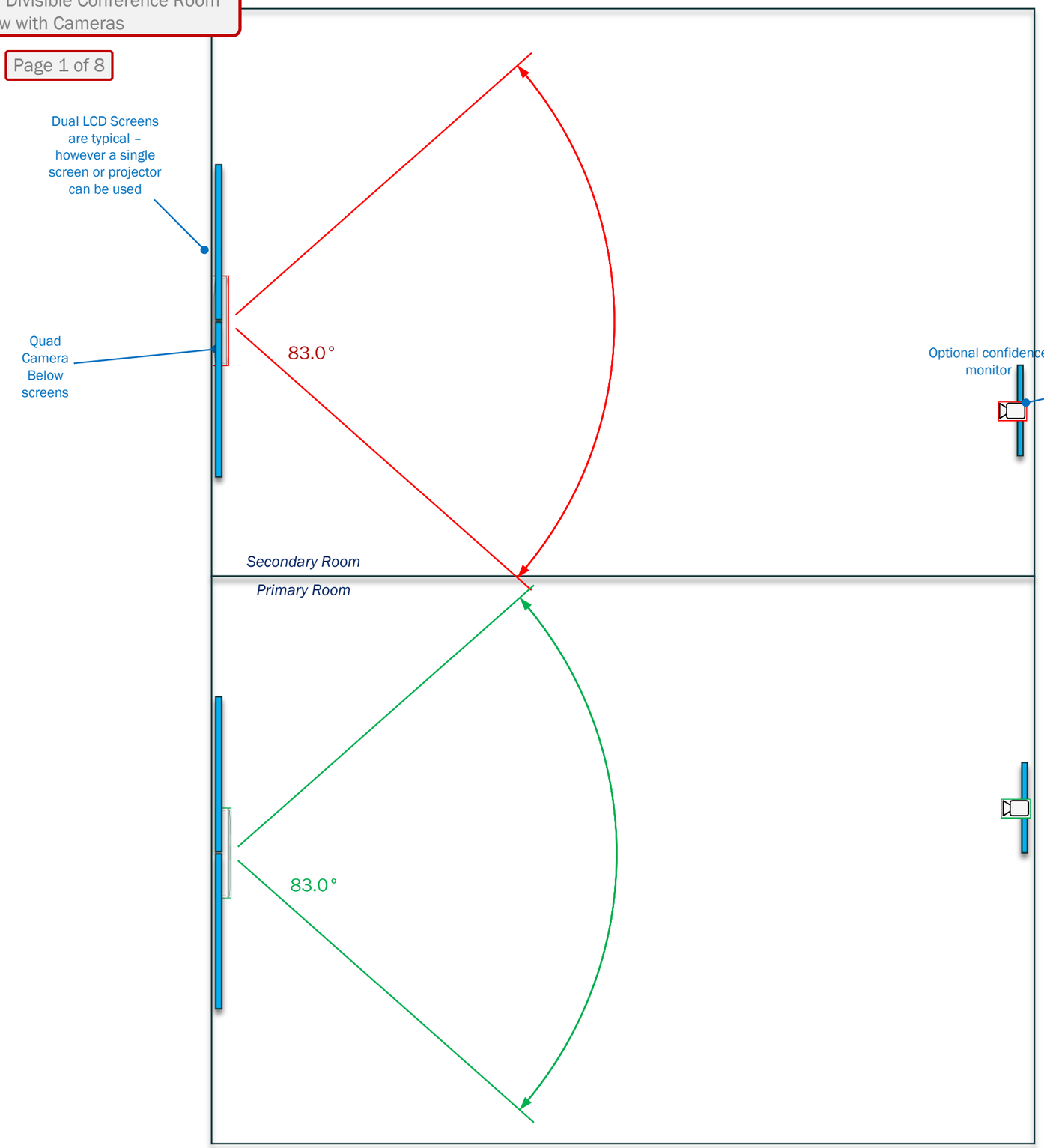
Concept Drawing Version 3.0
Two-way Divisible Conference Room
Plan View with Cameras



THESE DESIGNS USE QUAD CAMERAS. It is possible to use a SpeakerTrack 60 in each room instead; however, changes in wiring and JavaScript are required. If you definitely need SpeakerTrack 60, please work through your Cisco Collaboration salesperson or engineer, for a personalized design from the CAVI Team.

TITLE
Divisible Conference Room
Plan View w/Cameras

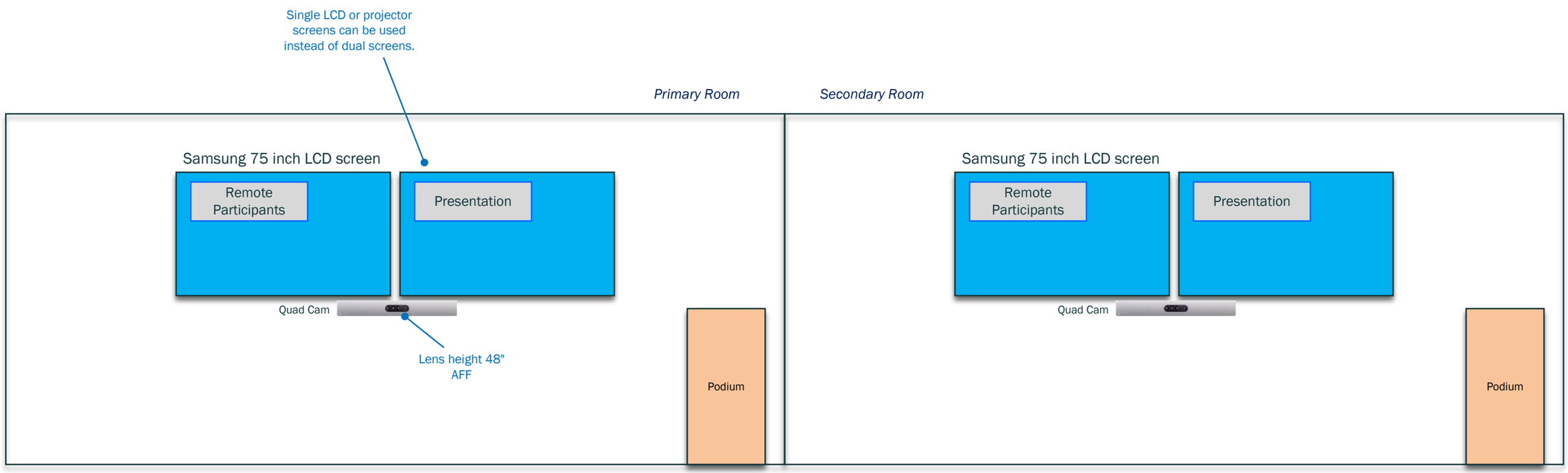
DRAWN BY
ENRICO CONEDERA

REVISED
Ver 220910

CISCO

Concept Drawing Version 3.0
Two-way Divisible Conference Room
Typical Front Elevation

Typical front elevation. See next pages for PresenterTrack zones.



TITLE
Divisible Conference Room
Typical Elevation

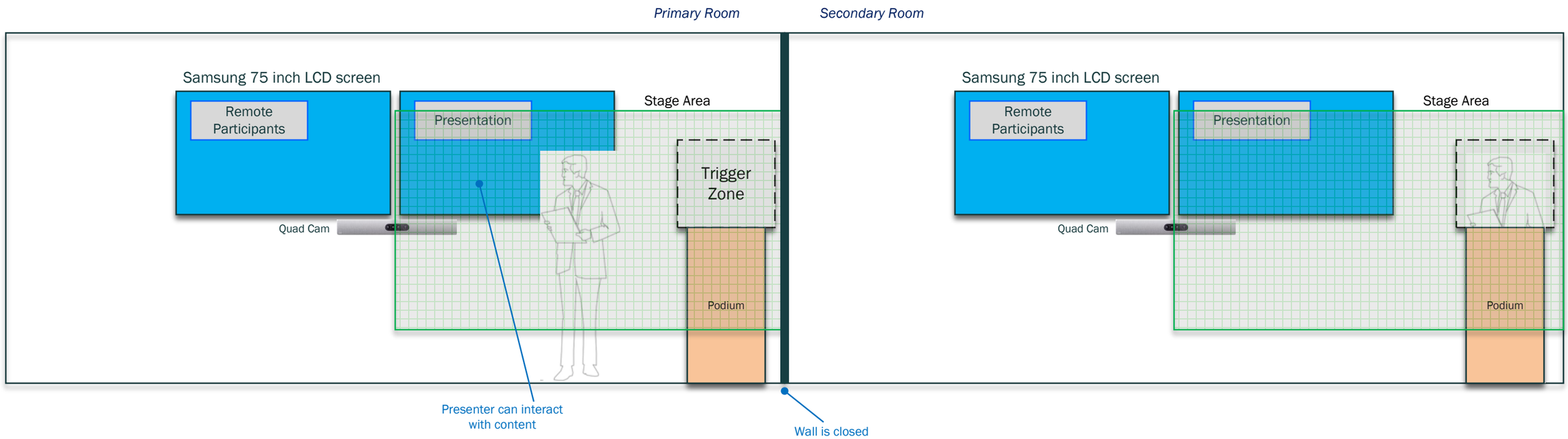
DRAWN BY
ENRICO CONEDERA

REVISED
Ver 220910

CISCO

Concept Drawing Version 3.0
Two-way Divisible Conference Room
PresenterTrack Zones

Presenter Track Trigger Zone and Stage Areas when rooms are in Standalone Mode (Divided)



TITLE
Divisible Conference Room
Presenter Track Zones

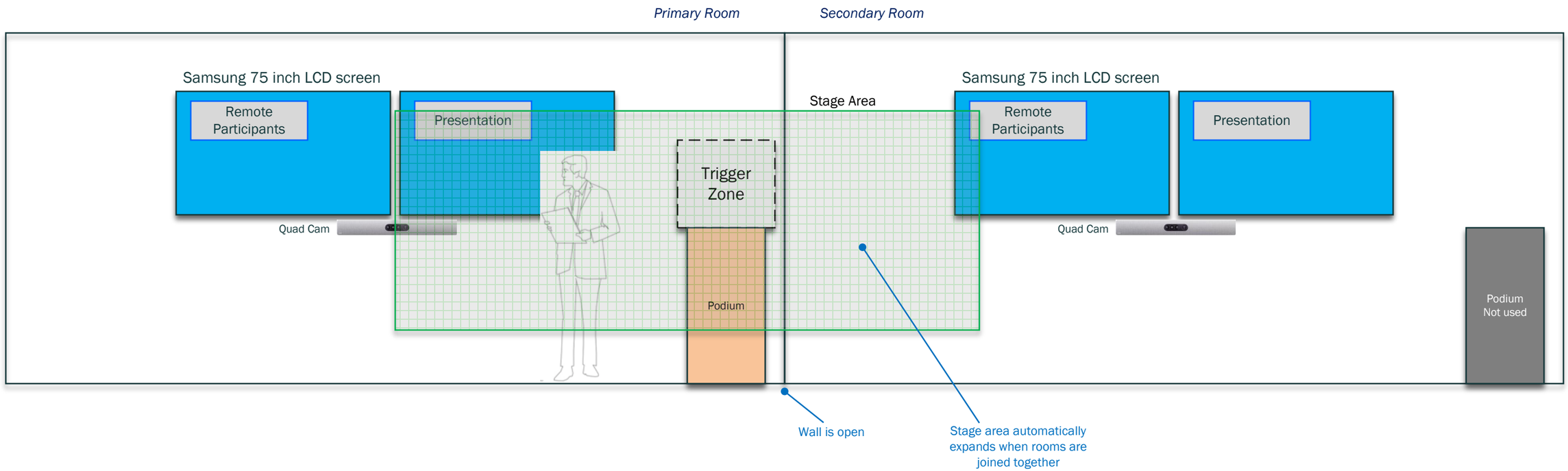
DRAWN BY
ENRICO CONEDERA

REVISED
Ver 220910

CISCO

Concept Drawing Version 3.0
Two-way Divisible Conference Room
PresenterTrack Zones when Combined

Presenter Track Trigger Zone and Stage Areas when rooms are in Combined Mode. The presenter camera in the Primary Room is used.



TITLE
Divisible Conference Room
Combined PresenterTrack Zones

DRAWN BY
ENRICO CONEDERA

REVISED
Ver 220910

CISCO

Concept Drawing Version 3.0
Two-way Divisible Conference Room
Video line drawing

DESIGN FOR DUAL MONITORS, OR SINGLE MONITOR WITH CONFIDENCE MONITOR. See the next page for a single screen design without a Confidence Monitor.

Primary Codec

CISCO	CODEC PRO
MIC/LINE 1 - - PHX	PHX - - LINE OUT 1
MIC/LINE 2 - - PHX	PHX - - LINE OUT 2
MIC/LINE 3 - - PHX	PHX - - LINE OUT 3
MIC/LINE 4 - - PHX	PHX - - LINE OUT 4
MIC/LINE 5 - - PHX	PHX - - LINE OUT 5
MIC/LINE 6 - - PHX	PHX - - LINE OUT 6
MIC/LINE 7 - - PHX	- -
MIC/LINE 8 - - PHX	- -
1080P VID 1 - - HDMI	HDMI - - 4K VIDEO 1
1080 VID 2 - - HDMI	HDMI - - 4K VIDEO 2
4K VIDEO 3 - - HDMI	HDMI - - 4K VIDEO 3
4K VIDEO 4 - - HDMI	- -
4K VIDEO 5 - - HDMI	- - ANT
3G-SDI 6 - - MICRO-BNC	- - ANT
GPIO - - PHX	PHX - - GPIO
COM - - PHX	USB-A - - HOST
DEVICE - - USB-B	USB-A - - HOST
LINK-LOCAL 1 - - ETH	- -
LINK-LOCAL 2 - - ETH	- -
LINK-LOCAL 3 - - POE	- -
LINK-LOCAL 4 - - POE	ETH - - LAN
IN	OUT

CISCO	QUAD CAMERA
LINE - - 3.5MM TRS	RCA - - SUBWOOFER
- -	HDMI W/ARC - - VIDEO 1
- -	HDMI - - VIDEO 2
- -	USB-A - - HOST
12VDC - - BARREL	ETH - - CAM CTRL
IN	OUT

CAM CTRL

Presenter Cam

Co-located with optional Confidence Monitor

CAM CTRL

LAPTOP

Navigator UI

NOTE: DA must pass CEC on output 1; must pass embedded audio on output 2

Screen 1 DA

EXTRON	DA2 HD 4K PLUS
VIDEO - - HDMI	HDMI - - VIDEO 1
RS-232 - - PHX	HDMI - - VIDEO 2
IN	OUT

Screen 2 DA

EXTRON	DA2 HD 4K PLUS
VIDEO - - HDMI	HDMI - - VIDEO 1
RS-232 - - PHX	HDMI - - VIDEO 2
IN	OUT

LCD Display or Projector

LCD Display or Confidence Monitor

NOTE: USB Passthrough can be added to both rooms

Conference audio is embedded by default

Video tie lines

Screen 2 Video

Screen 1 Video and Conference Audio

Primary Room

Secondary Room

Secondary Codec

CISCO	CODEC PRO
MIC/LINE 1 - - PHX	PHX - - LINE OUT 1
MIC/LINE 2 - - PHX	PHX - - LINE OUT 2
MIC/LINE 3 - - PHX	PHX - - LINE OUT 3
MIC/LINE 4 - - PHX	PHX - - LINE OUT 4
MIC/LINE 5 - - PHX	PHX - - LINE OUT 5
MIC/LINE 6 - - PHX	PHX - - LINE OUT 6
MIC/LINE 7 - - PHX	- -
MIC/LINE 8 - - PHX	- -
1080P VID 1 - - HDMI	HDMI - - 4K VIDEO 1
1080 VID 2 - - HDMI	HDMI - - 4K VIDEO 2
4K VIDEO 3 - - HDMI	HDMI - - 4K VIDEO 3
4K VIDEO 4 - - HDMI	- -
4K VIDEO 5 - - HDMI	- - ANT
3G-SDI 6 - - MICRO-BNC	- - ANT
GPIO - - PHX	PHX - - GPIO
COM - - PHX	USB-A - - HOST
DEVICE - - USB-B	USB-A - - HOST
LINK-LOCAL 1 - - ETH	- -
LINK-LOCAL 2 - - ETH	- -
LINK-LOCAL 3 - - POE	- -
LINK-LOCAL 4 - - POE	ETH - - LAN
IN	OUT

CISCO	QUAD CAMERA
LINE - - 3.5MM TRS	RCA - - SUBWOOFER
- -	HDMI W/ARC - - VIDEO 1
- -	HDMI - - VIDEO 2
- -	USB-A - - HOST
12VDC - - BARREL	ETH - - CAM CTRL
IN	OUT

CAM CTRL

Presenter Cam

Co-located with optional Confidence Monitor

CAM CTRL

LAPTOP

Navigator UI

Camera SelfView

LCD Display or Projector

LCD Display or Confidence Monitor

Note recommended use of FSR Digital Ribbon Cable for long HDMI runs.

Sound Control Technologies extenders can be used for cameras.

COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- 3G-SDI w/micro BNC
- Link-local

TITLE	Divisible Conf Rm 2 Screens Video Line Drawing
DRAWN BY	ENRICO CONEDERA
REVISED	Ver 220910

CISCO

Concept Drawing Version 3.0
Two-way Divisible Conference Room
Video line drawing

DESIGN FOR SINGLE SCREEN WITHOUT CONFIDENCE MONITOR. See the previous page for a single screen design with a Confidence Monitor.

Primary Codec

CISCO	CODEC PRO
MIC/LINE 1 - - PHX	PHX - - LINE OUT 1
MIC/LINE 2 - - PHX	PHX - - LINE OUT 2
MIC/LINE 3 - - PHX	PHX - - LINE OUT 3
MIC/LINE 4 - - PHX	PHX - - LINE OUT 4
MIC/LINE 5 - - PHX	PHX - - LINE OUT 5
MIC/LINE 6 - - PHX	PHX - - LINE OUT 6
MIC/LINE 7 - - PHX	- -
MIC/LINE 8 - - PHX	- -
1080P VID 1 - - HDMI	HDMI - - 4K VIDEO 1
1080 VID 2 - - HDMI	HDMI - - 4K VIDEO 2
4K VIDEO 3 - - HDMI	HDMI - - 4K VIDEO 3
4K VIDEO 4 - - HDMI	- -
4K VIDEO 5 - - HDMI	- - ANT
3G-SDI 6 - - MICRO-BNC	- - ANT
GPIO - - PHX	PHX - - GPIO
COM - - PHX	USB-A - - HOST
DEVICE - - USB-B	USB-A - - HOST
LINK-LOCAL 1 - - ETH	- -
LINK-LOCAL 2 - - ETH	- -
LINK-LOCAL 3 - - POE	- -
LINK-LOCAL 4 - - POE	ETH - - LAN
IN	OUT

CISCO	QUAD CAMERA
LINE - - 3.5MM TRS	RCA - - SUBWOOFER
- -	HDMI W/ARC - - VIDEO 1
- -	HDMI - - VIDEO 2
- -	USB-A - - HOST
12VDC - - BARREL	ETH - - CAM CTRL
IN	OUT

CAM CTRL

CAM CTRL

Presenter Cam

LAPTOP

Navigator UI

Video tie lines

Conference Video and Audio

Conference audio is enbedded by default

LCD Display or Projector

NOTE: USB Passthrough can be added to both rooms

Primary Room

Secondary Room

CISCO	QUAD CAMERA
LINE - - 3.5MM TRS	RCA - - SUBWOOFER
- -	HDMI W/ARC - - VIDEO 1
- -	HDMI - - VIDEO 2
- -	USB-A - - HOST
12VDC - - BARREL	ETH - - CAM CTRL
IN	OUT

CAM CTRL

CAM CTRL

Presenter Cam

LAPTOP

Navigator UI

Secondary Codec

CISCO	CODEC PRO
MIC/LINE 1 - - PHX	PHX - - LINE OUT 1
MIC/LINE 2 - - PHX	PHX - - LINE OUT 2
MIC/LINE 3 - - PHX	PHX - - LINE OUT 3
MIC/LINE 4 - - PHX	PHX - - LINE OUT 4
MIC/LINE 5 - - PHX	PHX - - LINE OUT 5
MIC/LINE 6 - - PHX	PHX - - LINE OUT 6
MIC/LINE 7 - - PHX	- -
MIC/LINE 8 - - PHX	- -
1080P VID 1 - - HDMI	HDMI - - 4K VIDEO 1
1080 VID 2 - - HDMI	HDMI - - 4K VIDEO 2
4K VIDEO 3 - - HDMI	HDMI - - 4K VIDEO 3
4K VIDEO 4 - - HDMI	- -
4K VIDEO 5 - - HDMI	- - ANT
3G-SDI 6 - - MICRO-BNC	- - ANT
GPIO - - PHX	PHX - - GPIO
COM - - PHX	USB-A - - HOST
DEVICE - - USB-B	USB-A - - HOST
LINK-LOCAL 1 - - ETH	- -
LINK-LOCAL 2 - - ETH	- -
LINK-LOCAL 3 - - POE	- -
LINK-LOCAL 4 - - POE	ETH - - LAN
IN	OUT

Camera SelfView

LCD Display or Projector

Note recommended use of FSR Digital Ribbon Cable for long HDMI runs.

Sound Control Technologies extenders can be used for cameras.

COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- 3G-SDI w/micro BNC
- Link-local

TITLE
Divisible Conf Rm 1 Screen Video Line Drawing

DRAWN BY
ENRICO CONEDERA

REVISED
Ver 220910

cisco

Concept Drawing Version 3.0
Two-way Divisible Conference Room
Audio line drawing

CISCO CEILING MICS
Or 3rd party w/analog

Typical microphones

Shure Wireless Mics

Presenter mics can be amplified

LAPTOP

Embedded audio

Note front-firing Quad Camera spkrs

ARC

Primary Room
Secondary Room

Primary Codec

Stereo Amplifier

LEFT

RIGHT

Stereo ceiling speaker wiring preferred

Screen 1 DA

For Dual-screen only

SINGLE SCREEN SETUPS: HDMI DA *is not used*

For single screen setups only

SINGLE SCREEN SETUPS: HDMI 2 Output goes directly to Secondary HDMI Input 3. See video drawing

Ceiling mics only

Embedded conference audio

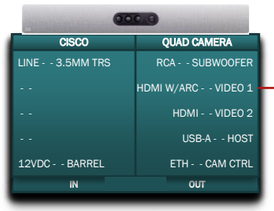
Conference audio is present by default

Shure Wireless Mics

CISCO CEILING MICS
Or 3rd party w/analog

LAPTOP

Embedded audio



ARC

Secondary Codec

Audio Console is used to setup summed ceiling (or table) microphones

Stereo Amplifier

LEFT

RIGHT

COLOR KEY

Analog audio

HDMI

FSR Digital Ribbon Cable

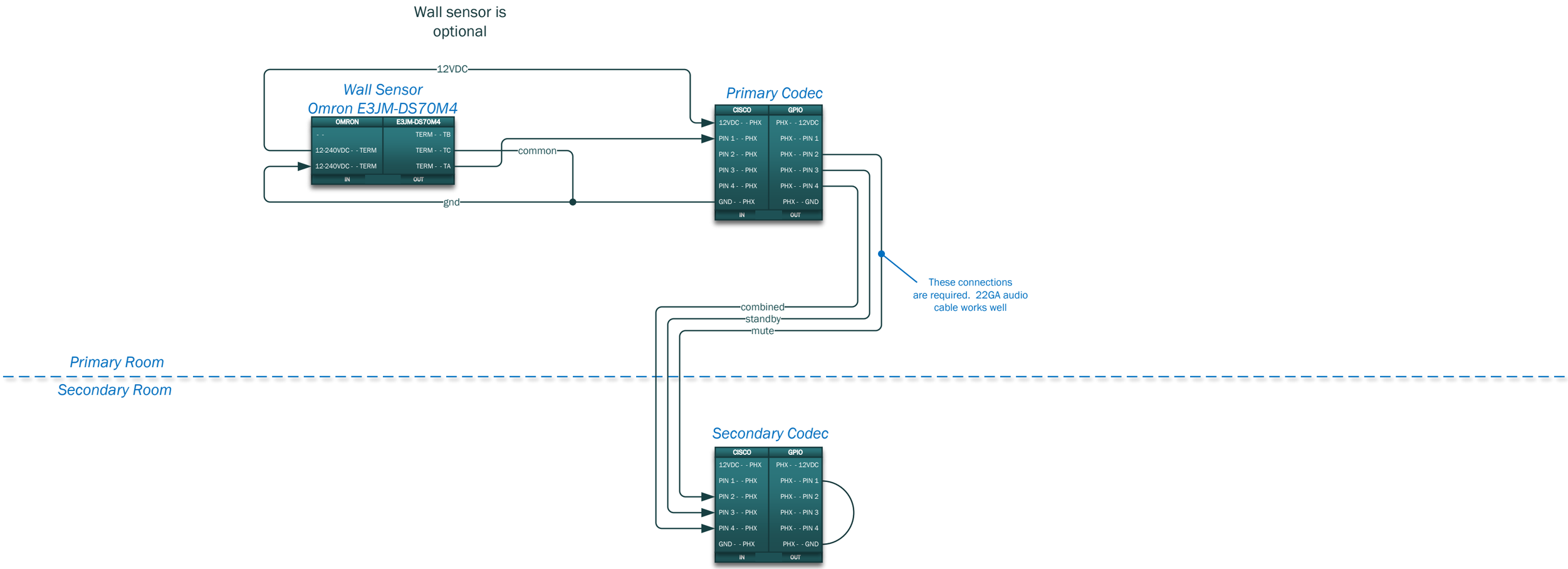
TITLE
Divisible Conference Room
Audio Line Drawing

DRAWN BY
ENRICO CONEDERA

REVISED
Ver 220910

CISCO

Concept Drawing Version 3.0
Two-way Divisible Conference Room
Control Drawing



TITLE
Split Conference Room
Control Line Drawing
DRAWN BY
ENRICO CONEDERA
REVISED
Ver 220910