DS - DIGITAL SIGNAGE DISPLAY

FUNCTION SUMMARY

DISPLAY:
- WALL-MOUNTED FLAT PANEL DISPLAY WITH TILT MOUNT BRACKET AND RECESSED BACKBOX (UNO). REFER TO DISPLAY TAG IN EACH ROOM ON FLOORPLANS FOR DISPLAY SIZES.

SOURCE(S):
- MEDIA PLAYER

AUDIO:
- BUILT-IN MONITOR SPEAKERS OF FLAT PANEL DISPLAY FOR PROGRAM AUDIO

EQUIPMENT HOUSING:
- AV EQUIPMENT SHALL BE INSTALLED WITHIN THE ROOM BEHIND THE DISPLAY

REFERENCE SCHEDULE

THE FOLLOWING REFERENCE SCHEDULE IDENTIFIES ROOM SPECIFIC HARDWARE REQUIRED FOR OPERATION OF THE ROOM.THIS EQUIPMENT IS TO BE USED IN CONJUNCTION WITH THE APPROPRIATE EQUIPMENT LISTED IN THE AUDIO VISUAL MASTER EQUIPMENT SCHEDULE. ANY CABLING, TOOLS, CONVERTERS, EXTENDERS, AND MATERIALS REQUIRED TO INSTALL A FULLY FUNCTIONING SYSTEM BASED ON THE ABOVE FUNCTIONAL CRITERIA THAT IS NOT IDENTIFIED IN THIS LIST SHALL BE PROVIDED BY THE AVC.

ITEM #	DESCRIPTION	REFERENCE
1	FLAT PANEL DISPLAY	SEE PLANS
2	FLAT PANEL DISPLAY MOUNT	MH02
3	RECESSED DISPLAY BACK BOX	MH01
4	MEDIA PLAYER	RS02

R2 - CONFERENCE ROOMS

FUNCTION SUMMARY

DISPLAY:
- WALL-MOUNTED FLAT PANEL DISPLAY WITH ARTICULATING ARM MOUNT, AND RECESSED BACKBOX (UNO). REFER TO DISPLAY TAG IN EACH ROOM ON FLOORPLANS FOR DISPLAY SIZES.

SOURCE(S):
- WIRED AV INPUT CONNECTIONS AT CONFERENCE TABLE
  - HDMI WITH ADAPTER RING FOR SCREEN SHARING
  - USB CONNECTION FOR CONFERENCING VIA A USER'S LAPTOP (BYOM)
- WIRELESS AV INPUT CONNECTION FOR PRESENTATION AND BYOM

AUDIO / CONFERENCING:
- ALL-IN-ONE MICROPHONE, CAMERA, AND SPEAKER BAR
- DISPLAY'S BUILT IN SPEAKERS FOR PROGRAM AUDIO
- EXPANSION MICROPHONE AT TABLE (WHERE INDICATED)

ROOM CONTROL:
- THE ROOM AV SYSTEM INITIATES AUTOMATICALLY UPON USER CONNECTION, EITHER THROUGH THE WIRED TABLE PORTS OR THE WIRELESS DONGLE/APP. WHEN IDLE, THE DISPLAY PROVIDES CONNECTION INSTRUCTIONS.

EQUIPMENT HOUSING:
- AV EQUIPMENT SHALL BE INSTALLED WITHIN THE ROOM BEHIND THE DISPLAY.

NOTE ABOUT WIRELESS SHARING:
- SCREENBEAM CAN BE DEPLOYED ON THE CLIENT NETWORK OR IN PEER-TO-PEER MODE. IF DEPLOYED IN PEER-TO-PEER MODE, AIRPLAY SESSIONS ON IOS DEVICES MAY INTERRUPT INTERNET ACCESS DURING CASTING

REFERENCE SCHEDULE

THE FOLLOWING REFERENCE SCHEDULE IDENTIFIES ROOM SPECIFIC HARDWARE REQUIRED FOR OPERATION OF THE ROOM.THIS EQUIPMENT IS TO BE USED IN CONJUNCTION WITH THE APPROPRIATE EQUIPMENT LISTED IN THE AUDIO VISUAL MASTER EQUIPMENT SCHEDULE. ANY CABLING, TOOLS, CONVERTERS, EXTENDERS, AND MATERIALS REQUIRED TO INSTALL A FULLY FUNCTIONING SYSTEM BASED ON THE ABOVE FUNCTIONAL CRITERIA THAT IS NOT IDENTIFIED IN THIS LIST SHALL BE PROVIDED BY THE AVC.

ITEM #	DESCRIPTION	REFERENCE
1	FLAT PANEL DISPLAY	SEE PLANS
2	FLAT PANEL DISPLAY MOUNT	MH02
3	RECESSED DISPLAY BACK BOX	MH01
4	AV INPUT CONNECTIONS	SEE PLANS
5	WIRELESS AV CONNECTION FOR PRESENTATION AND BYOM	RS01
6	ALL-IN-ONE CONFERENCING BAR	SEE PLANS
7	HDMI AND USB EXTENSION HARDWARE	AV01
8	HDMI ADAPTER KEY	AW11

R3 - MEDIUM CONFERENCE ROOM

FUNCTION SUMMARY

DISPLAY:
- WALL-MOUNTED FLAT PANEL DISPLAY WITH ARTICULATING ARM MOUNT, AND RECESSED BACKBOX (UNO). REFER TO DISPLAY TAG IN EACH ROOM ON FLOORPLANS FOR DISPLAY SIZES.

SOURCE(S):
- WIRED AV INPUT CONNECTIONS AT CONFERENCE TABLE
  - HDMI WITH ADAPTER RING FOR SCREEN SHARING
  - USB CONNECTION FOR CONFERENCING VIA A USER'S LAPTOP (BYOM)
- WIRELESS AV INPUT CONNECTION FOR PRESENTATION AND BYOM

AUDIO / CONFERENCING:
- CAMERA FOR CONFERENCING VIDEO
- TABLE TOP MICROPHONES AND CEILING SPEAKERS FOR CONFERENCING AUDIO
- AUDIO SIGNAL PROCESSING SHALL BE PROVIDED BY DEDICATED HARDWARE DSP. AUDIO ROUTING MUST ALSO ROUTE BACK TO THE USB CONNECTION FOR BYOM APPLICATIONS

ROOM CONTROL:
- THE ROOM AV SYSTEM INITIATES AUTOMATICALLY UPON USER CONNECTION, EITHER THROUGH THE WIRED TABLE PORTS OR THE WIRELESS DONGLE/APP. WHEN IDLE, THE DISPLAY PROVIDES CONNECTION INSTRUCTIONS.

EQUIPMENT HOUSING:
- AV EQUIPMENT SHALL BE INSTALLED WITHIN THE ROOM BEHIND THE DISPLAY.

NOTE ABOUT WIRELESS SHARING:
- SCREENBEAM CAN BE DEPLOYED ON THE CLIENT NETWORK OR IN PEER-TO-PEER MODE. IF DEPLOYED IN PEER-TO-PEER MODE,...

REFERENCE SCHEDULE

THE FOLLOWING REFERENCE SCHEDULE IDENTIFIES ROOM SPECIFIC HARDWARE REQUIRED FOR OPERATION OF THE ROOM.THIS EQUIPMENT IS TO BE USED IN CONJUNCTION WITH THE APPROPRIATE EQUIPMENT LISTED IN THE AUDIO VISUAL MASTER EQUIPMENT SCHEDULE. ANY CABLING, TOOLS, CONVERTERS, EXTENDERS, AND MATERIALS REQUIRED TO INSTALL A FULLY FUNCTIONING SYSTEM BASED ON THE ABOVE FUNCTIONAL CRITERIA THAT IS NOT IDENTIFIED IN THIS LIST SHALL BE PROVIDED BY THE AVC.

ITEM #	DESCRIPTION	REFERENCE
1	FLAT PANEL DISPLAY	SEE PLANS
2	FLAT PANEL DISPLAY MOUNT	MH03
3	RECESSED DISPLAY BACK BOX	MH01
4	AV INPUT CONNECTIONS	SEE PLANS
5	WIRELESS AV CONNECTION FOR PRESENTATION AND BYOM	RS01
6	CONFERENCING CAMERA	SEE PLANS
7	EXPANSION MICROPHONE	MC02
8	CEILING LOUDSPEAKERS	SEE PLANS
9	AUDIO POWER AMPLIFIER (CONF. ROOM 1-102 ONLY)	AV06
10	AUDIO DIGITAL SIGNAL PROCESSOR	AV03
11	NETWORK SWITCH	AV04
12	HDMI AND USB EXTENSION HARDWARE	AV02
13	HDMI ADAPTER KEY	AW11

R4 - SECURITY OPERATIONS CENTER (SOC)

FUNCTION SUMMARY

DISPLAY:
- TWO (2) 2X1 ARRAYS OF WALL-MOUNTED FLAT PANEL DISPLAYS WITH ARTICULATING ARM MOUNT, AND RECESSED BACKBOX (UNO). REFER TO DISPLAY TAG IN EACH ROOM ON FLOORPLANS FOR DISPLAY SIZES.

SOURCE(S):
- OWNER PROVIDED PC'S
  - PC'S CONNECTED TO SECURITY SYSTEM
- INCLUDE MILLWORK VENTILATION FANS FOR HEAT EXHAUSTION

AUDIO / CONFERENCING:
- NONE

ROOM CONTROL:
- OWNER PROVIDED PC'S

EQUIPMENT HOUSING:
- DEDICATED AV RACK LOCATED LOCALLY WITHIN IN THE ROOM BUILT INTO MILLWORK UNDER DISPLAYS. AVC IS REQUIRED TO COORDINATE WITH THE GC FOR CUTOUT REQUIREMENTS REGARDING THE FANS. REFER TO DETAIL SHEETS FOR FURTHER INFORMATION.

REFERENCE SCHEDULE

THE FOLLOWING REFERENCE SCHEDULE IDENTIFIES ROOM SPECIFIC HARDWARE REQUIRED FOR OPERATION OF THE ROOM.THIS EQUIPMENT IS TO BE USED IN CONJUNCTION WITH THE APPROPRIATE EQUIPMENT LISTED IN THE AUDIO VISUAL MASTER EQUIPMENT SCHEDULE. ANY CABLING, TOOLS, CONVERTERS, EXTENDERS, AND MATERIALS REQUIRED TO INSTALL A FULLY FUNCTIONING SYSTEM BASED ON THE ABOVE FUNCTIONAL CRITERIA THAT IS NOT IDENTIFIED IN THIS LIST SHALL BE PROVIDED BY THE AVC.

ITEM #	DESCRIPTION	REFERENCE
1	FLAT PANEL DISPLAY	SEE PLANS
2	FLAT PANEL DISPLAY MOUNT	MH02
3	RECESSED DISPLAY BACK BOX	MH01
4	TOWER PC	RS03
5	6X6 CONDUIT PULL BOX FOR CABLE PASS-THROUGH	CD03
6	CUT-IN VENTILATION FANS FOR FURNITURE	RK02
7	AV EQUIPMENT RACK	RK01
8	HDMI TRANSMITTER AND RECEIVER (AS NEEDED)	AV07
9	OFE UPS	AM07

R5 - NETWORK OPERATIONS CENTER (NOC)

FUNCTION SUMMARY

GENERAL NOTE:
THE BASE SCOPE FOR THE NETWORK OPERATIONS CENTER (NOC) EXCLUDES VIDEO CONFERENCING EQUIPMENT AND INFRASTRUCTURE. ITEMS DESIGNATED AS "ADD ALTERNATE" REPRESENT AN OPTIONAL SCOPE TO ENABLE VIDEO CONFERENCING IN THIS SPACE.

DISPLAY:
- 2X3 ARRAY OF WALL-MOUNTED FLAT PANEL DISPLAYS WITH ARTICULATING ARM MOUNT, AND RECESSED BACKBOX (UNO).

SOURCE(S):
- THREE OWNER PROVIDED PC'S
  - PC'S CONNECTED TO BMS, EPMS, WEATHER DATA, AND SECURITY SYSTEMS
  - (ADD ALTERNATE) ONE PC HOSTING VIDEO CONFERENCING PLATFORM(S), CONNECTED TO ROOM AV PERIPHERALS
- INCLUDE MILLWORK VENTILATION FANS FOR HEAT EXHAUSTION

AUDIO / CONFERENCING:

- (ADD ALTERNATE) CEILING MICROPHONE
- (ADD ALTERNATE) CEILING LOUDSPEAKERS
- (ADD ALTERNATE) PTZ CAMERA

ROOM CONTROL:
- OWNER PROVIDED PC'S. KEYBOARD AND MOUSE FOR PC'S LOCATED ON TOP OF MILLWORK.

EQUIPMENT HOUSING:
- DEDICATED AV RACK LOCATED LOCALLY WITHIN IN THE ROOM BUILT INTO MILLWORK UNDER DISPLAYS. AVC IS REQUIRED TO COORDINATE WITH THE GC FOR CUTOUT REQUIREMENTS REGARDING THE FANS. REFER TO DETAIL SHEETS FOR FURTHER INFORMATION.

ADD ALTERNATE NOTE:
- AS PART OF THE ADD ALTERNATE SCOPE, ONE OF THE THREE PC'S WILL SUPPORT VIDEO CONFERENCING. THIS PC WILL RECIEVE THE USB FEEDS FROM THE CAMERA AND AUDIO DSP. ANY REMOTE PARTIES WOULD ONLY BE ABLE TO SEE INTO THE ROOM AND NOT ONTO THE SCREEN.

REFERENCE SCHEDULE

THE FOLLOWING REFERENCE SCHEDULE IDENTIFIES ROOM SPECIFIC HARDWARE REQUIRED FOR OPERATION OF THE ROOM.THIS EQUIPMENT IS TO BE USED IN CONJUNCTION WITH THE APPROPRIATE EQUIPMENT LISTED IN THE AUDIO VISUAL MASTER EQUIPMENT SCHEDULE. ANY CABLING, TOOLS, CONVERTERS, EXTENDERS, AND MATERIALS REQUIRED TO INSTALL A FULLY FUNCTIONING SYSTEM BASED ON THE ABOVE FUNCTIONAL CRITERIA THAT IS NOT IDENTIFIED IN THIS LIST SHALL BE PROVIDED BY THE AVC.

ITEM #	DESCRIPTION	REFERENCE
1	FLAT PANEL DISPLAY	SEE PLANS
2	FLAT PANEL DISPLAY MOUNT	MH02
3	RECESSED DISPLAY BACK BOX	MH01
4	TOWER PC	RS03
5	6X6 CONDUIT PULL BOX FOR CABLE PASS-THROUGH	CD03
6	CUT-IN VENTILATION FANS FOR FURNITURE	RK02
7	AV EQUIPMENT RACK	RK01
8	OFE UPS	AM07
10	ADD ALTERNATE - NETWORK SWITCH	AV04
11	ADD ALTERNATE - DSP	AV03
12	ADD ALTERNATE - CEILING LOUDSPEAKERS	SEE PLANS
13	ADD ALTERNATE - CEILING MICROPHONE	MC03
14	ADD ALTERNATE - WALL-MOUNTED CAMERA	CM04
14	ADD ALTERNATE - USB EXTENDER	AV05

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△	REVISIONS	
1	01/23/26	ISSUE FOR DD

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AUDIO VISUAL FUNCTION SUMMARIES

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