THE
UNIVERSITY
OF RHODE ISLAND
DIVISION OF
ADMINISTRATION
AND FINANCE

THINK BIG WE DO

PURCHASING DEPARTMENT
10 Tootell Road, Suite 3, Kingston, RI 02881 USA p: 401.874.2171 f: 401.874.2306 uri.edu/purchasing

DATE: 3/17/16

ADDENDUM #3

BID NO.: 100197
OPENING: 3/28/16 – 3:00 PM
COMMODITY: AUDIO VISUAL PACKAGE, HARRINGTON SCHOOL

---

Please refer to the attached information which includes revised specifications and responses to questions submitted by the deadline.

Also, please note that the Equipment List which was provided in an Excel spreadsheet and posted on the URI Purchasing webpage has also been updated. The original spreadsheet has been removed from the website and replaced with the updated version. If you had downloaded and saved the prior version, you will need to replace it with the updated version. The list is included as part of the attached for reference only. Please visit the following website to access the updated version in Excel: http://web.uri.edu/purchasing/bid-information/

Due to the late nature of this addendum, the bid opening date as again been postponed as follows:

From: 3/23/16
To: 3/28/16

Tracey A. Angell
Assistant Director, Purchasing Department
University of Rhode Island

Rev. 9-1-15

*The University of Rhode Island is an equal opportunity employer committed to community, equity, and diversity and to the principles of affirmative action.*

DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS

111 CHESTNUT STREET
PROVIDENCE, RI 02903

T 401 831 1240
F 401 331 1945

www.durkeebrown.com

# ADDENDUM TO THE CONTRACT DOCUMENTS

1129-addendum #3- 3.14.16.doc.docx

**ADDENDUM No.:** 3 **DATE :** March 14, 2016

**PROJECT:** Audio Visual Package, Harrington School of Communication **OWNER:** The University of Rhode Island

**The following items will amend the contract documents or provide clarification and are to be considered a part of the bid documents. Information provided in this addendum supersedes and supplements all portions of the bidding documents with which it conflicts.**

| Document: | Description: |
|---|---|
| Bid 100197 - Questions | Bid 100197 - Question Response |

| Specification Section: | Description: |
|---|---|
| 115210 | Replace Specification Part 4.5 with new narrative for Room 103 |
| 115210 | Replace Specification Part 4.7 with new narrative for Room 106 |

| Drawing No.: | |
|---|---|
| SKA008 | Drawing is being issued for Room 103 Screening Room, changes are identified by revision clouds. |
| SKA009 | Drawing is being issued for Room 106 Social Media Lab, changes are identified by revision clouds. |
| AV06 | Delete sheet AV06 in entirety and scope |
| AV07 | Drawing is being issued for Room 103 Screening Room, changes are identified by revision clouds. |
| AV08 | Drawing is being issued for Room 103 Screening Room, changes are identified by revision clouds. |
| AV100 | Drawing is being issued for Room 103 Screening Room, changes are identified by revision clouds. |
| AV103 | Drawing is being issued for Room 103 Screening Room, changes are identified by revision clouds. |
| AV103.1 | Drawing is being issued for Room 103 Screening Room, changes are identified by revision clouds. |
| AV105 | Delete sheet AV105 in entirety and scope |
| AVD | Drawing is being issued for Room 103 Screening Room, changes are identified by revision clouds. |

| Equipment List: | Description: |
|---|---|
| AV Equipment List | Appendix B - AV Equipment List - Addendum 3 |

END OF ADDENDUM

Bid 100197 – Questions

**Seminar 100A & Active Learning 100C**

1. The contract documents contain two Active Learning Room 100C material lists that vary slightly. Please clarify which list should be included in project pricing.

**Answer:** Use the updated equipment list provided under this addendum.

2. Seminar 100A plan AV100 does not include a touch panel however a Crestron TSW-752 has been specified. Please confirm a touch panel is desired for this room.

**Answer:** A TSW-552 is desired for this room.

3. Four Crestron DM receivers have been listed for Active Learning Room 100C however one projector, and four displays are also required. Please confirm that five DM receivers are required.

**Answer:** Provide quantity 5.

4. A "teacher station input panel" has been specified for both rooms 100A and 100C but is not shown. Please confirm that this is required and clarify where this panel should reside and which connections it should include.

**Answer:** The input panel is required in 100A, this panel will be wall mounted at J-Box AV-1A. It will not be required in 100-C. Refer to the details page for more information on the panel.

5. A WRK series rack has been specified for room 100C however this has not been shown and the MRK series rack on plan AV101.1 has already been included on room 100A material list. Please confirm the Middle Atlantic WRK series hardware is not required.

**Answer:** Provide the MRK rack and components as identified on AV02 and on material list per 100A. The WRK series rack and hardware are not required.

6. Room 100A & 100C are sharing the rack in Room 100B. The drawings reflect a single rack, MRK 24-27 and there are listed two full sized racks for both 100A & 100C. Please confirm correct rack to be used.

**Answer:** See the response to Q5.

7. Seminar Room 100A there are Crestron input/output cards. The switcher specified is not a card based system, please clarify.

**Answer:** Room 100A shares a Crestron DM-MD16x16 with 100C. The DM-MD16x16 is listed under in the equipment list for 100C. The cards required for 100A to interface with this switcher are listed under 100A.

8. The addendum 1 equipment list change deleted Extron SW4 HDMI switchers which have contact / tally capability.The Crestron unit now listed does not have these capabilities. How will input selection for the student table switchers now be performed?

**Answer:** Provide (4) Extron 60-841-22 SW4 HDMI.

**Edit Suites**

9. The Edit Suites 101 and Tutoring 104 material list include an discontinued equipment rack with vents, blanks etc., however one has not been shown within the contract riser diagrams. Please either confirm that this equipment is not needed or provide a updated part number and diagram for each rack so that all rack accessories needed can be included with project pricing.

**Answer:** Racks will support owner furnished equipment. URI has not specified equipment to be mounted inside AV rack so it is not possible to provide an elevation. In Suite 101, provide Lowell LDRF-1218. In Suite 104, provide wall mounted Chief NW2F1218.

10. Lecture 100A Lecture 103, and the URI Living Room include a "ALS Output" panel however no details are shown for this custom item. Please provide a description or diagram of this panel to assure accuracy and include it in the signal flow diagrams.

**Answer:** Refer to details page.

11. Suite 108 plan AV106 includes a "Edit Suite 106" "wall plate below TV" that is not listed in the material list. Please confirm requirement.

**Answer:** This plate is not required

12. Plan AV105 states that the diagram is typical for two stations and the respective material list has double the amount of equipment needed, matching the previous statement. Plans AV106 and AV107 have a similar statement however the matching Edit 1 Room 108 and Edit 2 Room 110 material list only has enough equipment for one system. Please confirm two complete systems are needed for Edit 108 and 110.

**Answer:** Only one (1) complete system each is needed for 108 and 110.

13. Lab 106 plan AV105, Edit 108 plan AV106, and Edit 110 plan AV107 include headphones which have not been specified. Confirm that these are to be Owner provided, and are not within this scope of work.

**Answer:** Equipment list for 100C includes (28) Sennhesier PX95 headphones. These are intended to be "pool" headphones which may be shared across all rooms.

14. Writing Lab Room 106 and Edit 2 Room 110 material list includes Extron cable cubby 1400's with 3.5mm jack plates that do not match signal flow diagram and cable cubby detail plan AV105 and AV107. Please confirm that the equipment within the material list is accurate.

**Answer:** The Cable Cubby represented in the flow drawing is for diagrammatic purposes only. Please refer to the detail on the bottom of the page for the expected layout. Add qty (1) Extron 60-1384-01 AC+USB outlet for each cable cubby so that there are a total of (4) USB and (4) AC plugs.

15. A headphone amp is specified for Tutoring 104 but the installation requirement has not been detailed. Please confirm that this device is not required or clarify the riser diagram.

**Answer:** The headphone amplifier is not required in this room.

**Screening Room 103**

16. A Tannoy powered subwoofer has been specified for Lecture 103 however it is not shown. Please confirm that this item is required and provide the correct part number for the model desired.

**Answer:** Remove the Tannoy subwoofer. Provide the Leon ACS10UT as listed.

17. Screening/Lecture Room 103, the Tannoy VS Sub is discontinued (80013050), please provide alternate.

**Answer:** Refer answer for Q 17.

18. Similar to above, Lecture 103 requires one custom floor box input panel but no details are shown. Please provide a description or diagram for this item.

**Answer:** Floor box inputs will use MAAP plates. Electrical contractor will provide an appropriate MAAP frame.

19. The drawing shows a total of 5 HDMI and 2 VGA sources into the lectern switcher. The switcher has 6 HDMI and 2 DTP inputs. The equipment list has one VGA to HDMI converter to convert one of the VGA sources into the 6th HDMI input as currently drawn and specified there is no connection for the second VGA source unless a DTP transmitter is added.

**Answer:** Refer to updated materials list and drawings in Addendum 1.

**Tutoring 104**

20. Tutoring room 104 includes Mackie HR824MK2 speakers however HRMK2 are shown. This design also includes an invalid Extron part number with a description of HRMK2. Please clarify.

**Answer:** Correct device is Mackie HR824MK2.

21. Recording Room 104, Extron HRMK2, part number 70-1405-02 does not show on pricing, please confirm part number.

**Answer:** Delete this item

**Living Space 112**

22. A Crestron touch-panel and three button panels have been specified for the URI Living Space however four button panels are shown on plan AV108. Please confirm four button panels are desired.

**Answer:** Provide (3) Crestron MPC-M10 button panels for the (3) TV's in the living space. Provide (1) Crestron TSW-552 for the main projection screen.

23. A laptop connection custom shelf has been listed for the URI Living Room however this item has not been shown. Please confirm that this item is not required.

**Answer:** This shelf is an Architectural feature and will ***not*** be provided under the AV contract.

24. URI Living Room plate AV108 includes a HDTV Tuner however one has not been specified. Will this device be supplied by URI? Please confirm.

**Answer:** Provide a Contemporary Research 232-ATSC-4 and RK-1 rack mount.

25. Living Room Space 112 there is an Extron audio amplifier called out in the bid document, but in the drawings the audio is coming from the DMPS3-200. Please clarify if the amplifier is needed.

**Answer:** The Extron amplifier will be used instead of the integrated amplifier in the DMPS3-200-C.

26. A Extron amp has been specified for the URI Living Space however per plan AV108 it is not needed. Please confirm that this amp should be deleted.

**Answer:** The Extron amplifier will be used instead of the integrated amplifier in the DMPS3-200-C.

**Digital Signage**

27. Digital Signage the Holosonic speaker's part number is not valid per manufacturer, please confirm part

**Answer:** The correct part number is AS-24i-W.number.

28. The URI Living Room design includes a Holosonics "sound system" model that does not exist. Please provide an updated model.

**Answer:** See the response to Q27.

**General**

29. Please confirm plenum rated cables are required for the project.

**Answer:** Plenum is required.

30. Are substitutions acceptable with equipment, primarily Crestron to AMX?

**Answer:** No. URI has standardized on Crestron. This standard is also directly compatible with their existing Fusion management system.

31. Please identify the color (black or white) for all plates, monitor arms & control systems.

**Answer:** Colors to be specified/confirmed by the Architect during submittal phase.

**SECTION 115210**

**AUDIO-VISUAL EQUIPMENT**

## Replace bid specs paragraph 4.5 in its entirety with the following narrative:

SCREENING/LECTURE ROOM 103

- This room is approximately 866 square feet and seats 34 to 49 people. It will serve as both the primary screening room for this facility and a lecture hall.
- This room will utilize a WUXGA laser projector and fixed frame screen.
- The projection screen is 60-3/4" x 108" (16 x 9 aspect) and is a fixed frame model with microperfatorated material. The projector resolution will be limited to 1920x1080 and 16 x9 aspect ratio.
- All video sources and computer sources are routed to the display system through a matrix switcher. This matrix switcher will also route the associated audio signals to the audio system.
- This room will have a moveable lectern. The instructor station will have built in casters that allow the station to be moved as necessary. The casters can also be locked to prevent it from moving during use.
- There will be two floor box or poke thru device locations for connection to the lectern. Both of these connection plates will be specified with power, LAN, and AV connectivity.
- The teaching station will have a small built in AV equipment rack. Low voltage AV cabling, LAN, and power will be routed from the floor box or poke thru to the equipment rack.
- The teaching station will be equipped with a pull out keyboard and mouse drawer. An OFE wireless keyboard and mouse will be provided.
- At the top work surface of the lectern, a built in cable cubby will be located. This cable cubby will utilize pull up VGA with audio, HDMI, and LAN cabling for connection to portable laptop computers or iPAD tablets. Power will also be provided at the cable cubby.
- On the side of the lectern is a flip up shelf which can be used for extending the surface area and for ADA compliance. A second cable cubby will be installed in the side of the lectern to support presentations from the shelf. This cable cubby will utilize pull up VGA with audio, HDMI, and LAN cabling for connection to portable laptop computers or iPAD tablets. Power will also be provided at the cable cubby.
- A 10" table top touch panel will be wired and secured through grommets—or the cable cubby—on the top. The cable for the touch panel shall be long enough to all the panel to be moved over the top for presenters who need to present from the shelf.
- An OFE (Owner Furnished Equipment), small form factor PC, that will be shelf mounted within the equipment rack inside the instructor station. An OFE LCD monitor will be affixed to an arm on the top of the lectern.
- A Blu-Ray player will be located in the rack within the lectern.
- A Document Camera will be located in a drawer within the lectern.
- Stationary devices such as amplifiers and switchers will be housed in an equipment rack located in the adjacent

storage room or within the room.

- The audio will utilize a 7.1 surround sound system for realistic and immersive cinema audio.
- The left, right and center channel will be mounted behind the fixed screen.
- The subwoofer will be recessed below the screen within an architectural feature. Refer to the Architectural details.
- There will be two modes of operation. One mode of operation will be for lecture/presentation. This will provide control of signals, change video scaling, if necessary, and switch the audio mode to two-channel. Audio signals from teacher laptop computer, rack mounted PC, and Blu-Ray DVD player will be routed to a pair of wall mounted program speakers flanking the display.
- The second mode of operation will be for cinema, playback. This mode will support playback in surround sound.
- Extron switching system will be capable of supporting 4K video with 4:4:4 subsampling for future.
- To adhere to ADA regulations, a rack mounted output connection from the audio system will be provided for a portable assisted listening system. This system will be used as required and can be connected to an output panel on the front of the AV rack. This wireless FM system will be provided with wireless receivers for student use as required. The output signal feeding the assistive listening transmitter will be a two-channel downmix, which encompasses all audio content that is active in the room. The output is available in both modes of operation.
- This room will use an integrated remote control system. Control of the source inputs and LCD control will be through a tabletop 10” touch panel.
- The touch panel located at the top work surface of the teacher station will provide the user with a simple to use, intuitive, GUI (Graphical User Interface).
- The touch panel GUI will be designed in a collaborative process with ACT and the URI users.
- The remote control system provides control functionality for the following:
    - System power on/off - turn rack components on/off and LCD on/off.
    - Select mode of operation: Lecture or Screening.
    - Source selection for display on the LCD - includes rack PC, teacher Laptop source, CATV, Blu-Ray DVD player and Document Camera.
    - Transport functions for Blu-Ray DVD player - Play, Stop, Pause, FFWD, Rewind, etc.
    - Provide CATV tuner controls such as, channel selection, channel up/down, guide, etc.
    - Room audio volume levels - The level of the selected audio source as heard through the wall-mounted speakers can be raised or lowered.
    - Control shades and lights
    - Remote monitoring - All rooms that have an integrated remote control system will be part of the campus wide remote monitoring system. This remote monitoring feature provides AV/IT technical personnel the capability to remotely monitor each room system, provide remote assistance, and control functionality from a central station.

**SECTION 115210**

**AUDIO-VISUAL EQUIPMENT**

## Revised Specification paragraph 4.7: Room 106 AV Narrative and installation scope at Room 106

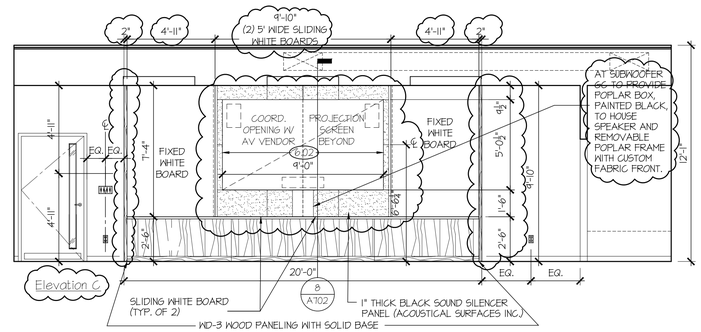
4.7 SPEAKING/WRITING LAB- ROOM 106

- Revise AV equipment in room 106 to allow the room to function as a computer lab as well as a classroom. The classroom will serve +/- 20 students and 1 instructor at workbench type seating – see SKA009 this addendum.

- The revised scope includes deleting the (2) Samsung MD48D 48" LCD monitors and their mounts as well as all associated connectivity, including the furnished table top plug-in boxes associated with these monitors as previously reflected on AV06 and AV105

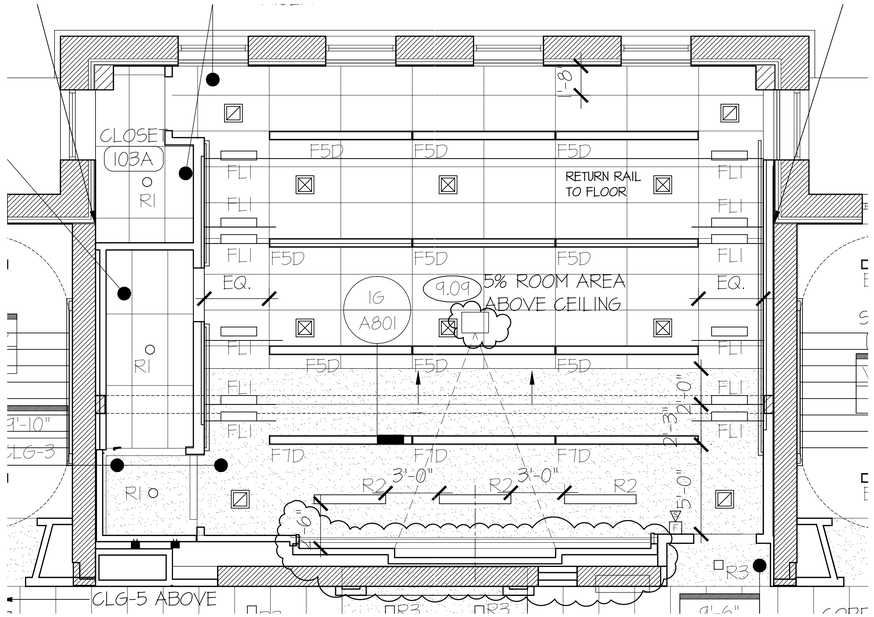
- The new AV equipment layout in the room is to include (1) Epson G6470WU 4500 Lumen projector and mount and (1) DaLite tensioned Advantage Electrol motorized wall mounted projection screen (60”high x 96”wide). Install (1) Extron XPA 2001 amplifier 60-850-01#2 in room 104/Chief NWL wall mounted rack to drive the (6) Tannoy CVS6 ceiling mounted speakers. Locate speaker in field w/ architect. Provide all associated installation of equipment as well as AV wiring of equipment.

- All structural support, conduits, power and data for equipment are to be provided under the separate concurrent construction project. The AV contractor is to coordinate these requirements with the general contractor.



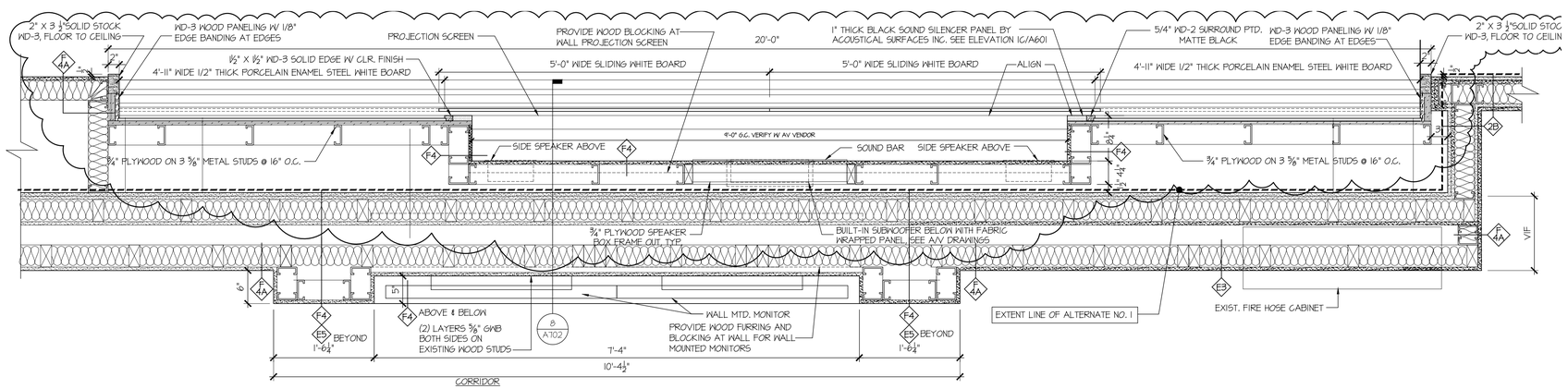

## 1 SCREENING / LECTURE 103

SCALE: 1/4"=1'-0" REFERENCE: 1G/A601



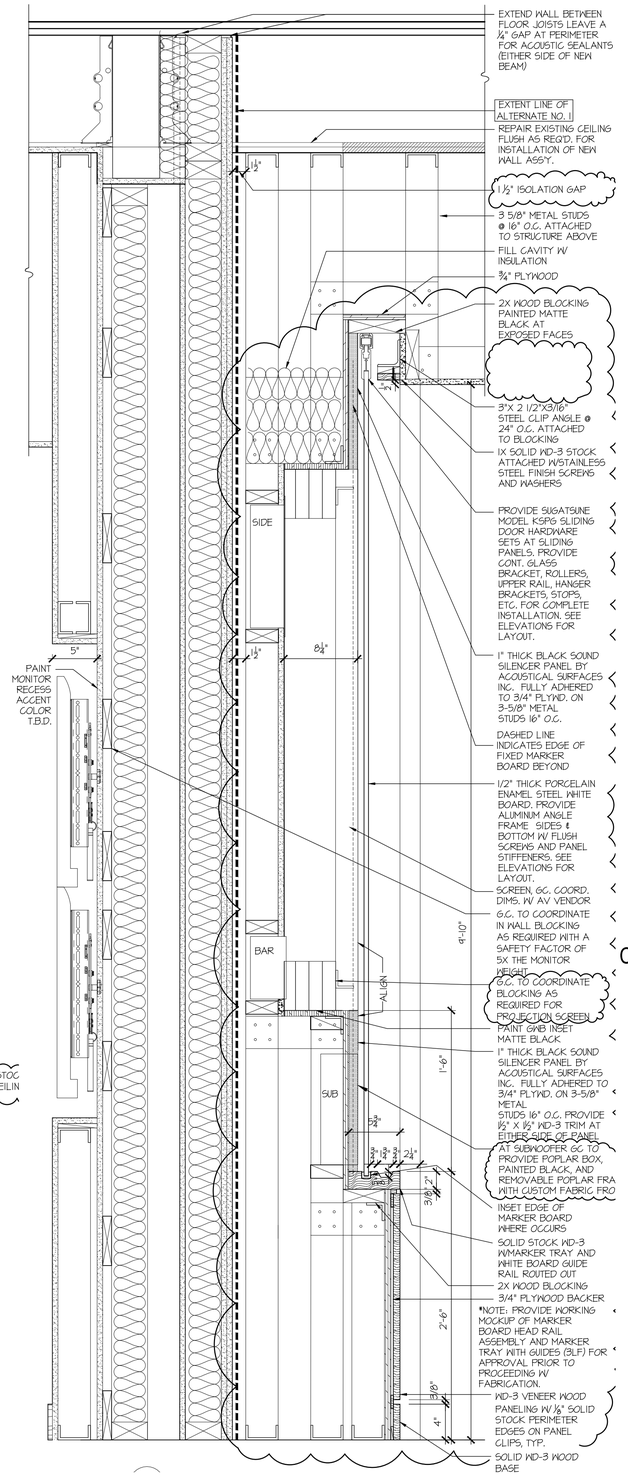

## 2 PARTIAL ENLARGED FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/4"=1'-0" REFERENCE: 2/A900




## 3 MARKERBOARD / SCREEN DETAIL

SCALE: 1"=1'-0" REFERENCE: 9/A102




## 4 MARKERBOARD / SCREEN DETAIL

SCALE: 1 1/2"=1'-0" REFERENCE: 8/A102

DURKEE BROWN VIVEIROS WERENFELS
ARCHITECTS
T 401 831 1240 111 CHESTNUT STREET
F 401 331 1945 PROVIDENCE, RI 02903
www.durkeebrown.com

Harrington School of Communication & Medi

University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2/16/16 | BP | CSC018_CR01 |
| 2 | 3/14/16 | BP | CSC22_CR23 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

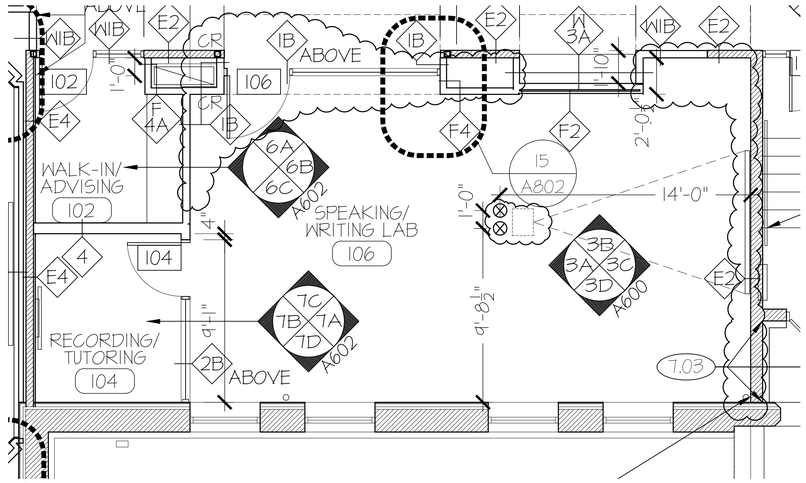
© COPYRIGHT 2008
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.

DATE: 03.14.16
DRAWN BY: BP
JOB NO.: 1124
FILE: ...1124\SKA008

SCREENING RM PROJECTION

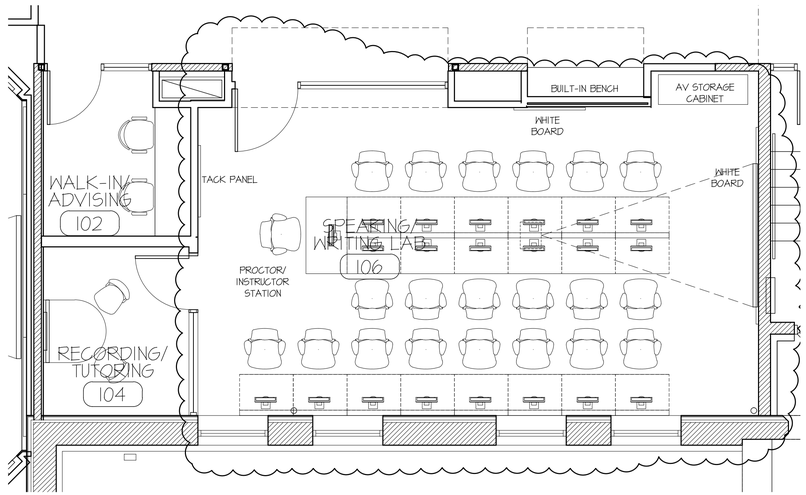
# SKA008

-




## 1 PARTIAL ENLARGED FIRST FLOOR PLAN

SCALE: 1/4"=1'-0" REFERENCE: 2/A200



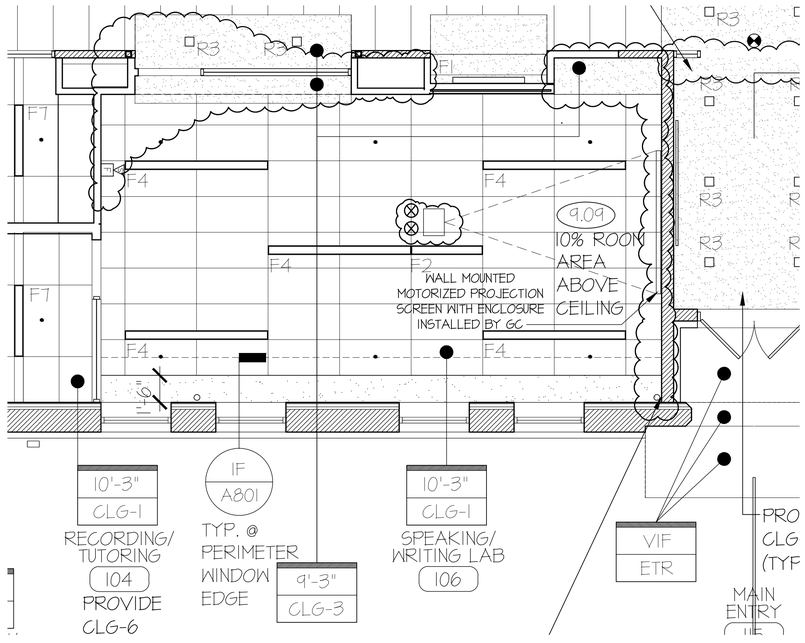

## 2 PARTIAL ENLARGED FIXTURES, FURNISHINGS, & EQUIPMENT PLAN

SCALE: 1/4"=1'-0" REFERENCE: 1/1201

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | SCREENING/LECTURE | - | - | 3'-0" | 7'-0" | | 8 | A. ALUM. | - | - | SEE DETAIL 11/A802 |
| 104 | RECORDING/TUTORING | H | 1-3/4" | 3'-0" | 7'-0" | PTD | 4.2 | A. ALUM. | - | 14 | ACOUSTICAL GASKETED DOOR STC 45 |
| 105 | H.C. RESTROOM | B | 1-3/4" | 3'-0" | 7'-0" | PTD | 3 | PTD | - | 11 | |
| 106 | SPEAKING/WRITING LAB | A | 1-3/4" | 3'-6" | 7'-0" | PTD | 7 | PTD | - | 8 | CARD READER |
| 108 | COLLABORATE/EDIT 1 | B | 1-3/4" | 3'-0" | 7'-0" | PTD | 4.3 | A. ALUM. | - | 12 | |
| 109 | TECH. DIRECTOR | B | 1-3/4" | 3'-6" | 7'-0" | PTD | 4.1 | A. ALUM. | - | 8 | CARD READER |
| 110 | COLLABORATE/EDIT 2 | B | 1-3/4" | 3'-0" | 7'-0" | PTD | 4.3 | A. ALUM. | - | 12 | |

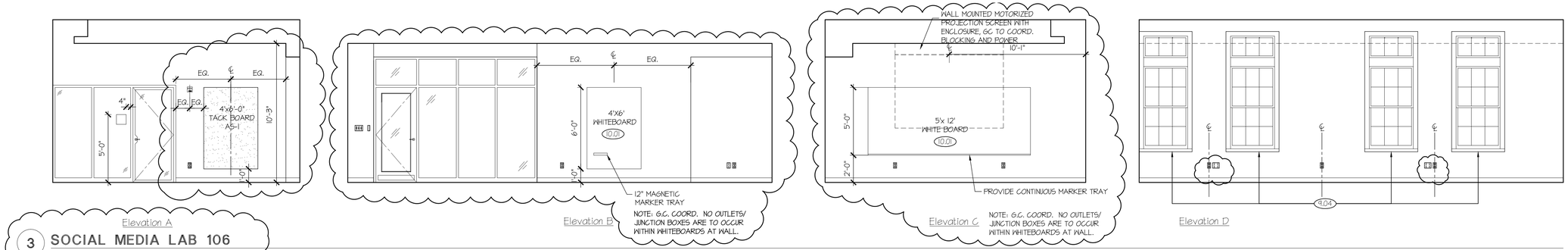
## 4 DOOR SCHEDULE

SCALE: 1/4"=1'-0" REFERENCE: A802




## 5 PARTIAL ENLARGED FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/4"=1'-0" REFERENCE: 2/A400




Elevation A Elevation B Elevation C Elevation D

## 3 SOCIAL MEDIA LAB 106

SCALE: 1/4"=1'-0"

— PROJECTION SCREEN SEE A/V DRAWINGS

## 3 PARTIAL ENLARGED FIRST FLOOR PLAN

SCALE: 1/4"=1'-0" REFERENCE: 3/A600

P:\1124\1124_le101

DURKEE BROWN VIVEIROS WERENFELS
ARCHITECTS
T 401 831 1240 111 CHESTNUT STREET
F 401 331 1945 PROVIDENCE, RI 02903
www.durkeebrown.com

Harrington School of Communication & Medi
University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2/16/16 | BP | C5C018_CR01 |
| 2 | 3/14/16 | BP | C5C23_CR24 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

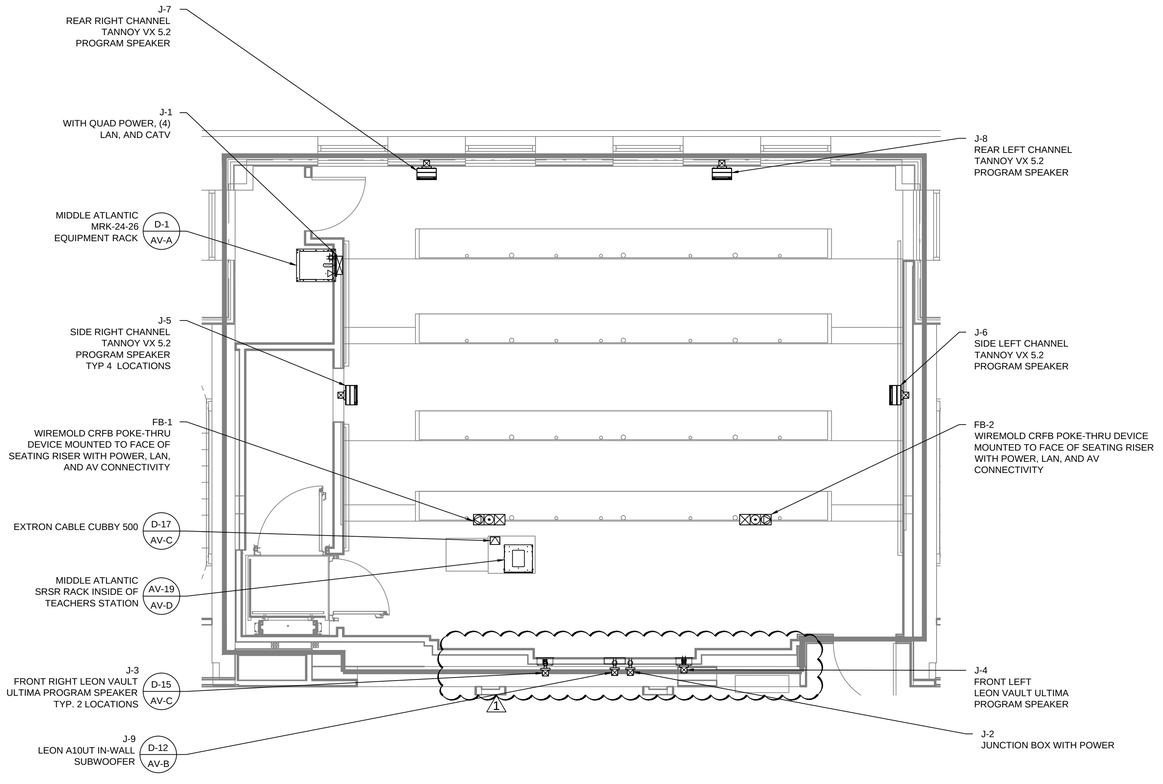
© COPYRIGHT 2008
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.

DATE: 03.14.16
DRAWN BY: BP
JOB NO.: 1124
FILE: ...1124\SKA009

REVISED ROOM 106

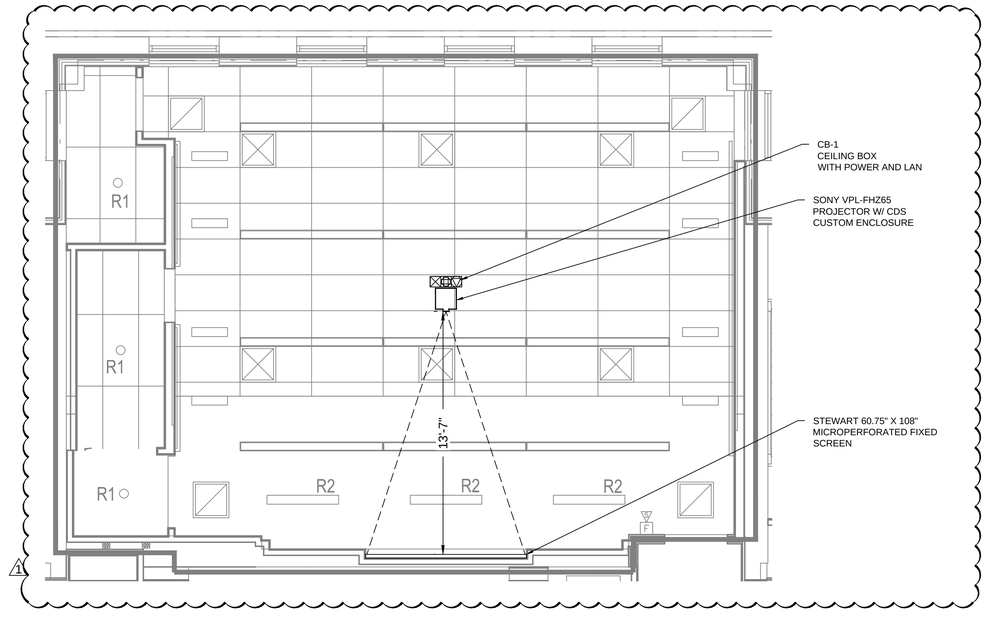
# SKA009

-




## 1 SCREENING/LECTURE ROOM 103 - FLOOR PLAN

Scale: 1/4" = 1'-0"




## 2 SCREENING/LECTURE ROOM 103 - RCP PLAN

Scale: 1/4" = 1'-0"

FURNITURE NOTES:
1. MOVABLE TEACHING STATION WILL UTILIZE FLOOR BOXES SUPPLIED WITH POWER BY EC AND LAN BY TEL/DATA.

GENERAL NOTES:
1. ELECTRICAL SERVICES SHOWN ON THIS DRAWING ARE FOR AV REQUIREMENTS ONLY. THESE AV CIRCUITS SHOULD ALL BE ON THE SAME ELECTRICAL PHASE AND ON THEIR OWN DEDICATED CIRCUITS.

**THE GENERAL TRADES CONTRACTORS FOR THIS PROJECT MUST COORDINATE WITH THE OWNER'S A/V VENDOR/INSTALLER AND TO COORDINATE ANY REQUIREMENTS FOR BLOCKING AND SUPPORTS WITH THE APPROVED A/V EQUIPMENT.**

| ESTIMATED POWER CONSUMPTION & BTU LOAD CHART | | | | |
|---|---|---|---|---|
| **EQUIPMENT** | **WATTS (EACH)** | **QTY.** | **BTU (EACH)** | **BTU (TOTAL)** |
| PROJECTOR | 509 | 1 | 1736 | 1736 |
| EQUIPMENT RACK | 2000 | 1 | 6820 | 6820 |
| | | TOTAL BTU: | 8556 | 8556 |

DURKEE BROWN
VIVEIROS WERENFELS
ARCHITECTS

T 401 831 1240
F 401 331 1945

111 CHESTNUT STREET
PROVIDENCE, RI 02903
www.durkeebrown.com

ACT Associates, LLC
922F Stafford Road
Storrs, CT 06268
tel. 860.429.5938
www.act-associates.com

Harrington School of
Communication & Media

University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2016-03-14 | MH | ADDENDUM |

© COPYRIGHT 2012
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.

DATE: 12.16.15

DRAWN BY: MBH

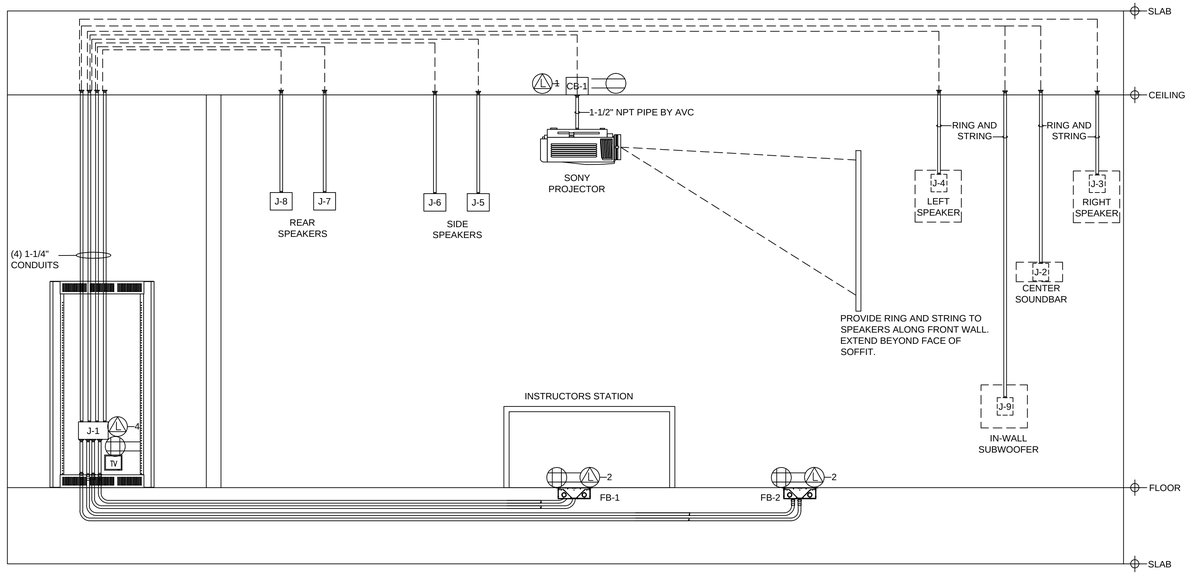
JOB NO.: 1129

FILE:

SCREENING LECTURE ROOM 103 - FLOOR PLAN & RCP

# AV07

AV BID SET




| JUNCTION BOX SCHEDULE | | | | | |
|---|---|---|---|---|---|
| BOX #: | SIZE: | FUNCTION: | LOCATION: | ADD'L CABLE BEYOND BOX | AFF |
| LECTURE ROOM SM-01 | | | | | |
| J-1 | 8x8 | RACK PULL BOX | SEE AV FLOOR PLAN | 15'-0" | 18" |
| J-2 | 1 GANG | SOUNDBAR PULL AREA | SEE AV FLOOR PLAN | 5'-0" | 53" |
| J-3 | 1 GANG | SPEAKER PULL AREA | SEE AV FLOOR PLAN | 5'-0" | 98" |
| J-4 | 1 GANG | SPEAKER PULL AREA | SEE AV FLOOR PLAN | 5'-0" | 98" |
| J-5 | 1 GANG | SPEAKER PULL BOX | SEE AV FLOOR PLAN | 5'-0" | 105" |
| J-6 | 1 GANG | SPEAKER PULL BOX | SEE AV FLOOR PLAN | 5'-0" | 105" |
| J-7 | 1 GANG | SPEAKER PULL BOX | SEE AV FLOOR PLAN | 5'-0" | 85" |
| J-8 | 1 GANG | SPEAKER PULL BOX | SEE AV FLOOR PLAN | 5'-0" | 85" |
| J-9 | MANUF. | IN WALL SUBWOOFER | SEE AV FLOOR PLAN | 5'-0" | 38" |
| CB-1 | MANUF. | PROJECTOR PULL BOX | SEE AV RCP | N/A | N/A |
| FB-1 | MANUF. | FLOOR BOX | FACE OF SEATING RISER | 15'-0" | ℄ OF RISER |
| FB-2 | MANUF. | FLOOR BOX | FACE OF SEATING RISER | 15'-0" | ℄ OF RISER |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| ELECTRICAL SCHEDULE | | |
|---|---|---|
| SYM. | DESCRIPTION | |
| | CEILING POWER OUTLET - 120V AC | STUBBED CONDUIT |
| C | AC CLOCK RECEPTACLE - 120V AC | |
| | AC DUPLEX OUTLET - 120V AC | |
| | AC QUAD OUTLET - 120V AC | |
| 1 | LAN WITH QUANTITY | |
| A 1 | ANALOG LINE WITH QUANITY | RIGID CONDUIT |
| WP | WALL PHONE | |
| TV | CATV | |
| J- | J-BOX | |
| CB- | CEILING PULL AREA | PLENUM CABLE |
| SH LVC | SHADE LVC | |
| LT LVC | LIGHTING LVC | |
| SCR LVC | SCREEN LVC | FC-1 FLOOR CORE |
| LT SW | LIGHT SWITCH | POKE-THRU |
| SS SW | SCREEN SWITCH | |

NOTES:
1. ALL CONDUITS TO BE 1" DIAMETER UNLESS OTHERWISE SPECIFIED.

2. ELECTRICAL CONTRACTOR TO INSTALL PULL STRING IN ALL CONDUITS

3. THIS DRAWING INDICATES JUNCTION BOX NUMBERS, CABLE NUMBERS AND CONDUIT INTERCONNECT ONLY.

4. THIS DRAWINGS DOES NOT INDICATE EXACT JUNCTION BOX LOCATION OR EXACT CONDUIT ROUTING.

5. FOR FURTHER INFORMATION, REFER TO ARCHITECTURAL AND ELECTRICAL PRINTS.

6. 120VAC SERVICES FOR EQUIPMENT RACKS, CEILING MOUNTED PROJECTORS, LCD OR PLASMA MONITORS, FLOOR BOXES WITH AV, AV WALL PLATES ETC TO SHARE SAME PHASE. THEY SHOULD NOT BE ON THE SAME PHASE AS COMPRESSORS, MOTORS OR LIGHT DIMMING SYSTEMS.

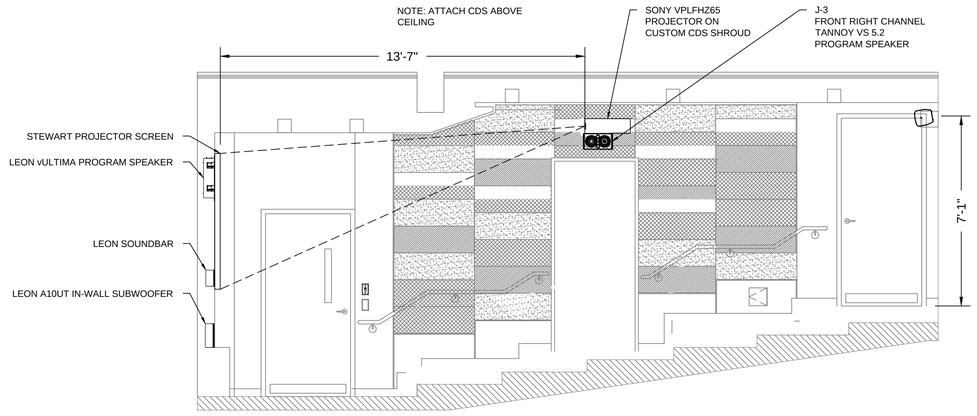
7. EC TO PROVIDE ALL CONDUITS AND JUNCTION BOXES AS INDICATED.

8. SEE AV FLOOR PLAN FOR ALL AV RELATED POWER AND LAN CALL OUT LOCATIONS

9. CONFIRM FINAL LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTS PRIOR TO INSTALLATION OF ALL DEVICES.

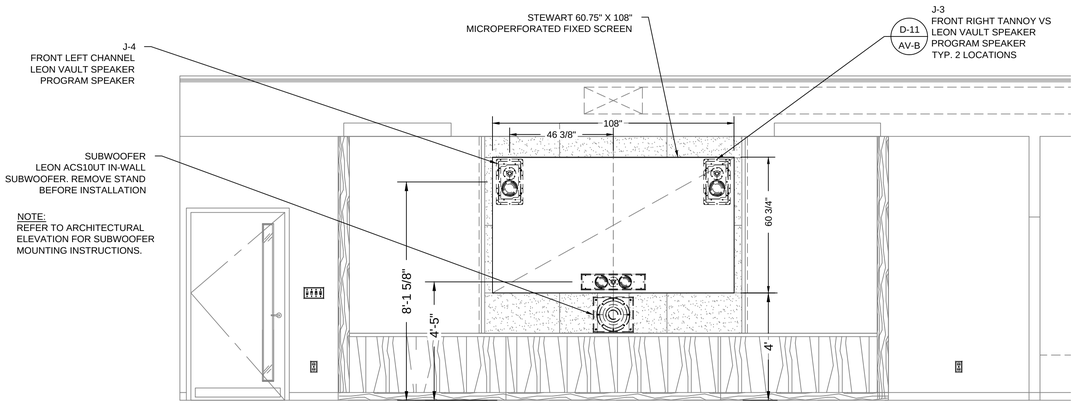
## 3 SCREENING/LECTURE ROOM 103 - CONDUIT RISER

Scale: NTS




## 1 SCREENING/LECTURE ROOM 103 - SECTION

Scale: 3/8" = 1'-0"




## 2 SCREENING/LECTURE ROOM 103 - FRONT ELEVATION

Scale: 3/8" = 1'-0"

**THE GENERAL TRADES CONTRACTORS FOR THIS PROJECT MUST COORDINATE WITH THE OWNER'S A/V VENDOR/INSTALLER AND TO COORDINATE ANY REQUIREMENTS FOR BLOCKING AND SUPPORTS WITH THE APPROVED A/V EQUIPMENT.**


DURKEE BROWN
VIVEIROS WERENFELS
ARCHITECTS

T 401 831 1240 111 CHESTNUT STREET
F 401 331 1945 PROVIDENCE, RI 02903
www.durkeebrown.com

ACT Associates, LLC
922F Stafford Road
Storrs, CT 06268
tel. 860.429.5938
www.act-associates.com


Harrington School of
Communication & Media

University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2016-03-14 | MH | ADDENDUM |

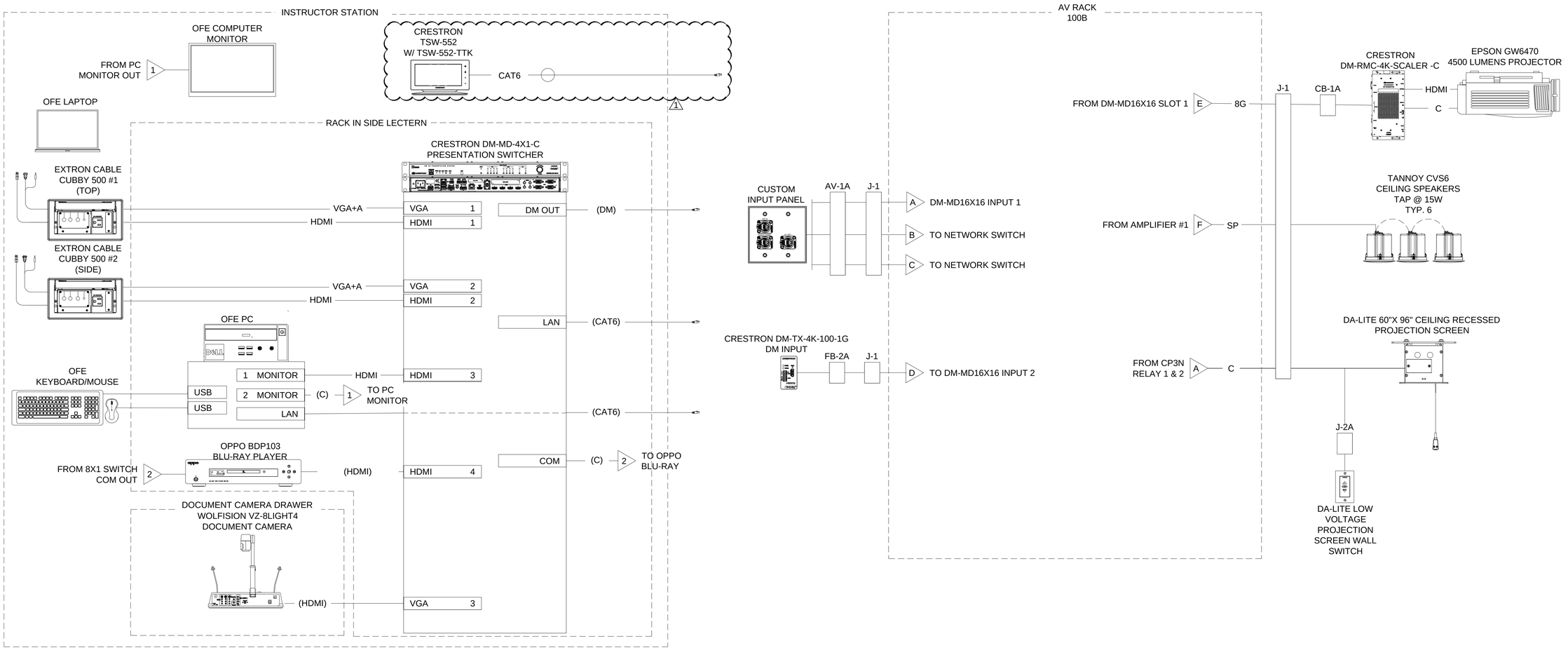

© COPYRIGHT 2012
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.


DATE: 12.16.15
DRAWN BY: MBH
JOB NO.: 1129
FILE:

SCREENING LECTURE ROOM 103 - ELEVATIONS CONDUIT RISER

1 AV08

AV BID SET

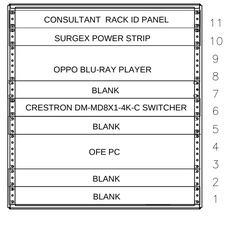



OTES

. RACK MAY NEED TO BE CUT DOWN BY 1 RU, OR MORE, TO FIT INSIDE OF TEACHER STATIONS. REFER TO DRAWING A705 FOR DETAIL OF TEACHER STATION.

. FLOOR BOX DEVICE PLATES WILL BE PROVIDED BY E.C. AV CONTRACTOR SHALL COORDINATE REQUIRED DEVICE PLATES FOR INSTALLATION OF AV.DEVICES.

EQUIPMENT RACK INSIDE TEACHER STATION




Middle Atlantic Products
SRSR-2-12*

DURKEE BROWN VIVEIROS WERENFELS
ARCHITECTS
T 401 831 1240
F 401 331 1945
111 CHESTNUT STREET
PROVIDENCE, RI 02903
www.durkeebrown.com

ACT Associates, LLC
922F Stafford Road
Storrs, CT 06268
tel. 860.429.5938
www.act-associates.com

Harrington School of Communication & Media

University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2016-03-14 | MH | ADDENDUM |

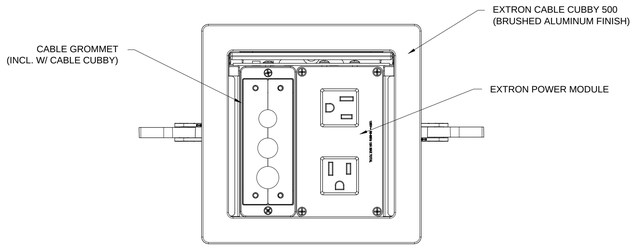
© COPYRIGHT 2012
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.

DATE: 12.16.15
DRAWN BY: MBH
JOB NO.: 1129
FILE:

# SEMINAR 100A AV SIGNAL FLOW

# AV100

AV BID SET

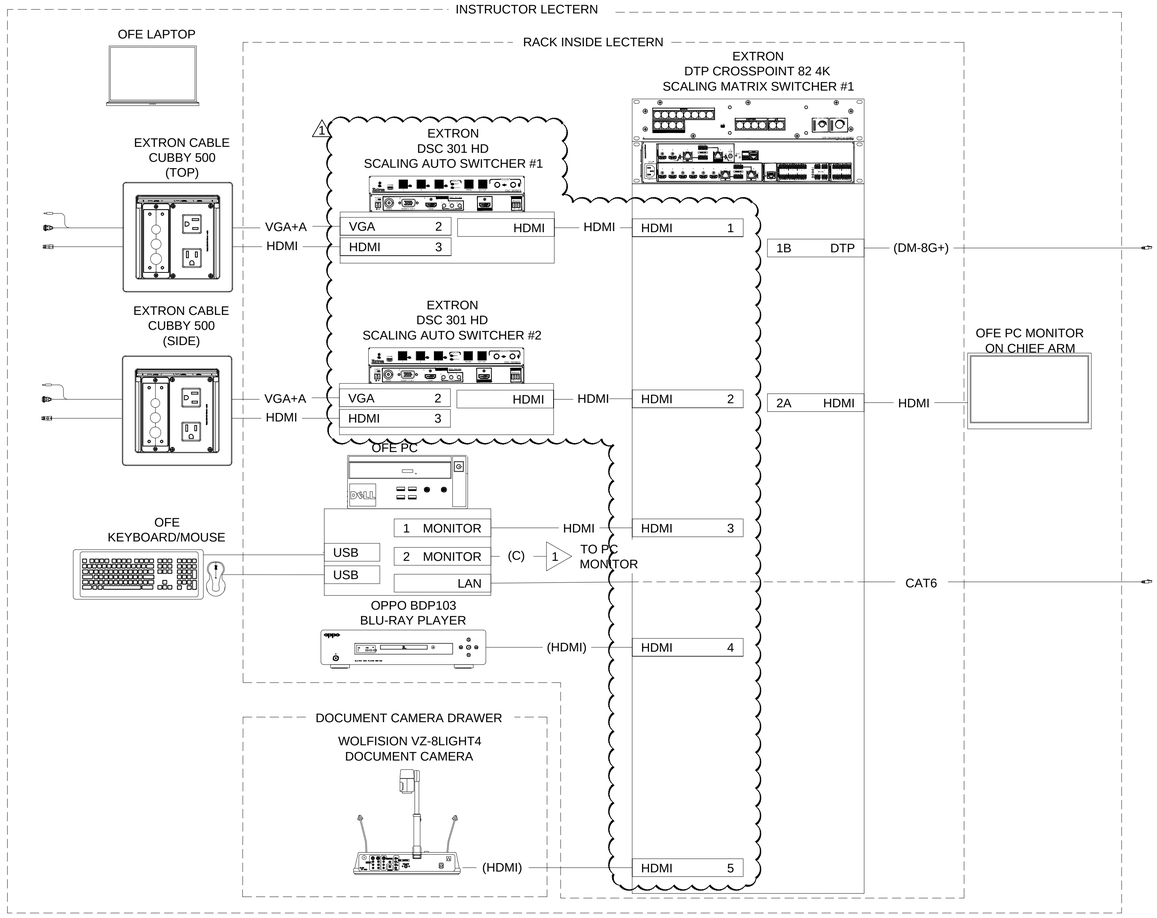



NOTES:

1. COORDINATE AS REQUIRED FOR CUTTING TO ALLOW THE INSTALLATION OF THE EXTRON CABLE CUBBY.
2. PLUG UNUSED HOLES IN CABLE PASS THROUGH WITH GROMMET PLUGS.
3. LECTERN HAS ONE CABLE CUBBY INSTALLED ON TOP AND ONE INSTALLED ON SIDE FOR ADA

## 1 LECTERN CABLE CUBBY DETAIL (TYP. 2)

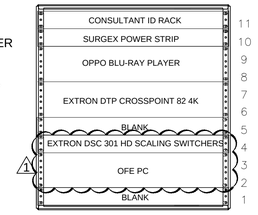
Scale:6" = 1'-0"




NOTES

1. RACK MAY NEED TO BE CUT DOWN BY 1 RU, OR MORE, TO FIT INSIDE OF TEACHER STATIONS. REFER TO DRAWING A705 FOR DETAIL OF TEACHER STATION.
2. FLOOR BOX DEVICE PLATES WILL BE PROVIDED BY E.C. AV CONTRACTOR SHALL COORDINATE REQUIRED DEVICE PLATES FOR INSTALLATION OF AV.DEVICES.

EQUIPMENT RACK INSIDE LECTERN




Middle Atlantic Products
SRSR-2-12

DURKEE BROWN
VIVEIROS WERENFELS
ARCHITECTS

T 401 831 1240
F 401 331 1945
111 CHESTNUT STREET
PROVIDENCE, RI 02903
www.durkeebrown.com

ACT Associates, LLC
922F Stafford Road
Storrs, CT 06268
tel. 860.429.5938
www.act-associates.com

Harrington School of
Communication & Media

University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2016-03-14 | MH | ADDENDUM |

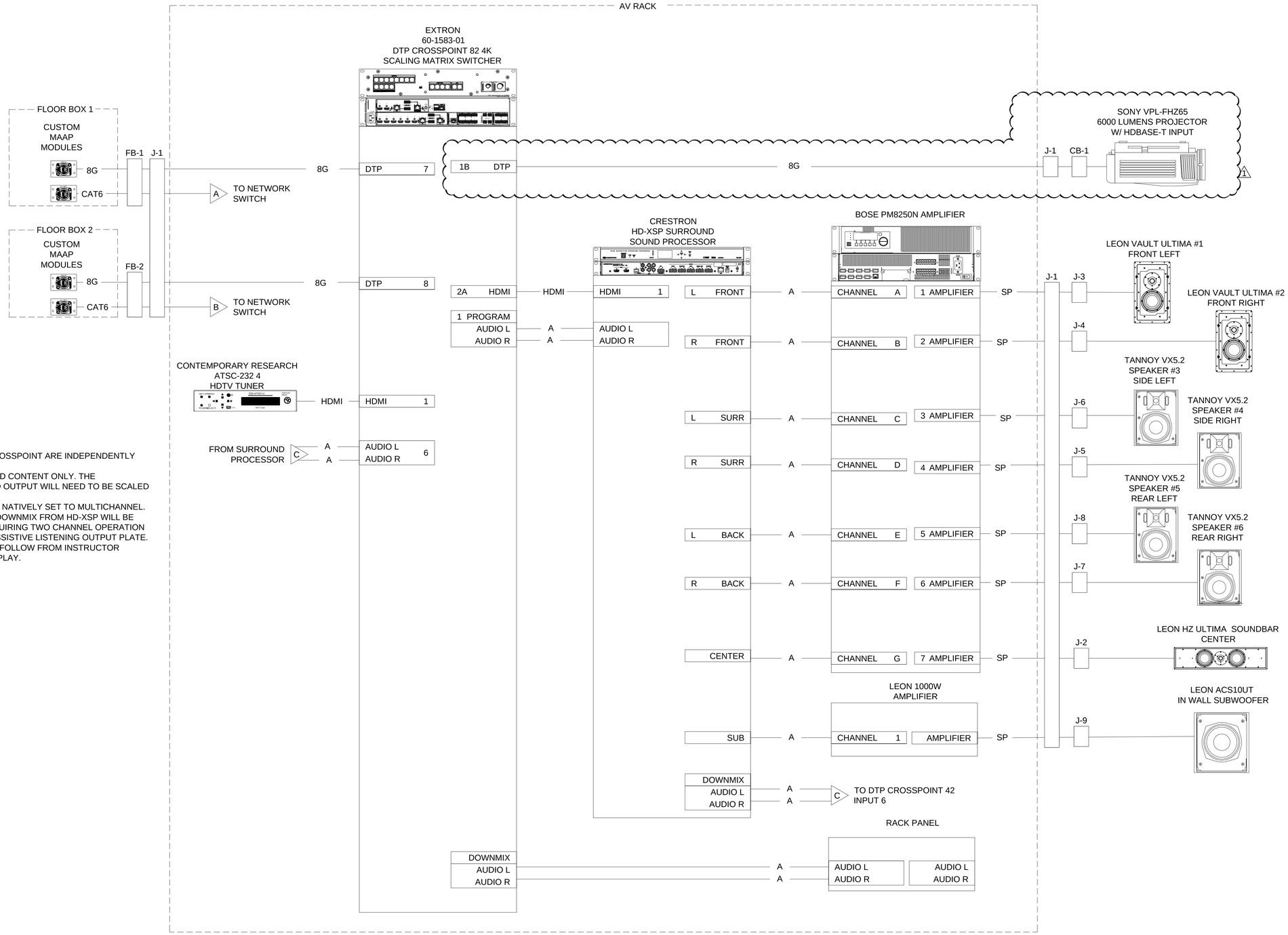
© COPYRIGHT 2012
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.

DATE: 12.16.15
DRAWN BY: MBH
JOB NO.: 1129
FILE:

SCREENING ROOM 103 AV
SIGNAL FLOW #1

# AV103

AV BID SET




NOTES

1. OUTPUTS OF DTP CROSSPOINT ARE INDEPENDENTLY SCALABLE.
2. HD-XSP SUPPORTS HD CONTENT ONLY. THE CORRESPONDING HD OUTPUT WILL NEED TO BE SCALED TO HD.
3. INPUT SOURCES ARE NATIVELY SET TO MULTICHANNEL. THE TWO-CHANNEL DOWNMIX FROM HD-XSP WILL BE USED IN MODES REQUIRING TWO CHANNEL OPERATION AND TO FEED THE ASSISTIVE LISTENING OUTPUT PLATE.
4. 4K VIDEO PATH WILL FOLLOW FROM INSTRUCTOR STATION TO THE DISPLAY.


DURKEE BROWN
VIVEIROS WERENFELS
ARCHITECTS

T 401 831 1240
F 401 331 1945

111 CHESTNUT STREET
PROVIDENCE, RI 02903
www.durkeebrown.com

ACT Associates, LLC
922F Stafford Road
Storrs, CT 06268
tel. 860.429.5938
www.act-associates.com


Harrington School of
Communication & Media

University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2016-03-14 | MH | ADDENDUM |


© COPYRIGHT 2012
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.

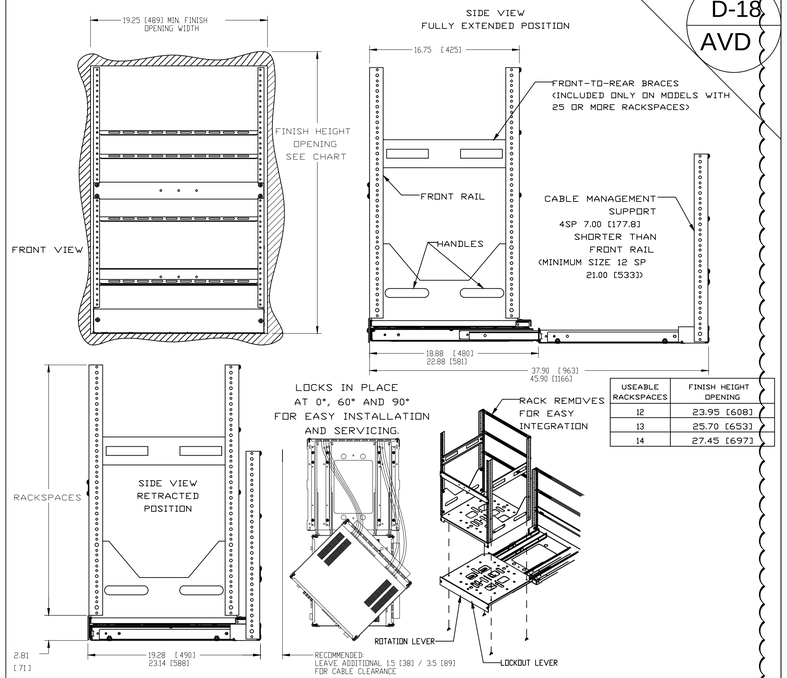

DATE: 12.16.15
DRAWN BY: MBH
JOB NO.: 1129
FILE:

SCREENING ROOM 103 AV
SIGNAL FLOW #2

# AV103.1

AV BID SET

D-18
AVD




| USEABLE RACKSPACES | FINISH HEIGHT OPENING |
|---|---|
| 12 | 23.95 [608] |
| 13 | 25.70 [653] |
| 14 | 27.45 [697] |

| TITLE: MIDDLE ATLANTIC SRSR-2-X RACK | | QUANTITY: 3 |
|---|---|---|
| SCALE: NTS | SUPPLIED BY: AVC | INSTALLED BY: AVC |

D19
AVD

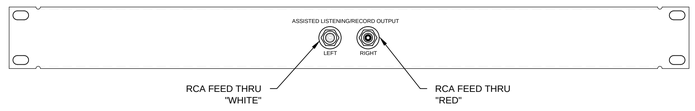



PLATE TYPE: 1 RU FLANGED
ENGRAVING COLOR: WHITE
PLATE COLOR: BLACK

| TITLE: ALS/RECORD OUTPUT PLATE | | QUANTITY: 3 |
|---|---|---|
| SCALE: N.T.S. | SUPPLIED BY: AVC | INSTALLED BY: AVC |

D-20
AVD

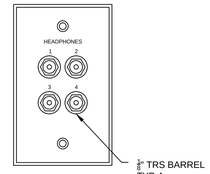



PLATE TYPE: 1 GANG
MATERIAL: STAINLESS STEEL
ENGRAVING COLOR: BLACK
PLATE COLOR: CLEAR

| TITLE: LIVING ROOM HEADPHONE PLATE | | QUANTITY: 3 |
|---|---|---|
| SCALE: N.T.S. | SUPPLIED BY: AVC | INSTALLED BY: AVC |

D-21
AVD

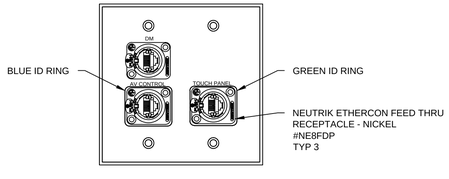



PLATE TYPE: 2 GANG
MATERIAL: ALUMINUM
ENGRAVING COLOR: BLACK
PLATE COLOR: WHITE

NOTE:
PROVIDE BOOTS AND/OR COLOR BUSHING FOR ETHERCON CABLE CARRIER TO MATCH ID RING.
NETURIK BSX-*

| TITLE: 100 A TEACHER STATION CONNECTION | | QUANTITY: 1 |
|---|---|---|
| SCALE: N.T.S. | SUPPLIED BY: AVC | INSTALLED BY: AVC |

D-22
AVD

| TITLE: | | QUANTITY: |
|---|---|---|
| SCALE: | SUPPLIED BY: | INSTALLED BY: |

D-23
AVD

| TITLE: | | QUANTITY: |
|---|---|---|
| SCALE: | SUPPLIED BY: | INSTALLED BY: |

DURKEE BROWN VIVEIROS WERENFELS
ARCHITECTS
T 401 831 1240
F 401 331 1945
111 CHESTNUT STREET
PROVIDENCE, RI 02903
www.durkeebrown.com

ACT Associates, LLC
322F Stafford Road
Storrs, CT 06268
Tel. 860.429.5938
www.act-associates.com

Harrington School of Communication & Media

University of Rhode Island
Kingston, RI

| NO | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 1 | 2016-03-14 | MH | ADDENDUM |

© COPYRIGHT 2012
DURKEE BROWN VIVEIROS WERENFELS ARCHITECTS
UNAUTHORIZED USE IS PROHIBITED.

DATE: 12.16.15
DRAWN BY: MBH
JOB NO.: 1129
FILE:

AV DETAILS

AVD

AV BID SET

**URI Seminar / Lecture Room 100A**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 1 | Epson | PowerLite G6470WU | 4500 ANSI Lumen Projector with Standard Lens, 1900x1200 | $ - | $ - |
| 2 | 1 | Chief | CMS012W | 12 inch extension column | $ - | $ - |
| 3 | 1 | Chief | CMA440 | Tile Bridge | $ - | $ - |
| 4 | 1 | Chief | CMA160 | Plenum enclosure | $ - | $ - |
| 5 | 1 | Chief | RPMAUW | Projector mounting plate | $ - | $ - |
| 6 | 1 | Da-Lite | 34539LS | 60H x 96W (113in diag) -Aspect Ratio: 16:10, HC Da-Mat® Ceiling Mounted Tensioned Projection Screen with LVC | $ - | $ - |
| 7 | 1 | Crestron | DM-MD8x1-4K-C | 4K Scaling Presentation Switcher | $ - | $ - |
| 8 | 2 | Crestron | DMC-4K-C | Digital Media 8G input card | $ - | $ - |
| 9 | 1 | Crestron | DMC-4K-CO-HD | HDBaseT DM output Card | $ - | $ - |
| 10 | 1 | Crestron | DMC-4K-HD | HDMI Output Card | $ - | $ - |
| 11 | 1 | Crestron | DM-TX-4K-100-C-1G-W | Wallplate Digital Meida Transmitter | $ - | $ - |
| 12 | 1 | Crestron | DM-RMC-4K- SCALER-C | DM Scaling Receiver | $ - | $ - |
| 13 | 1 | Panelcrafters | | Custom Plate with DM in and TP Connection | $ - | $ - |
| 14 | 1 | Oppo | BDP103 | Blu-Ray Player with RS232 | $ - | $ - |
| 15 | 1 | Wolfvision | VZ-8light4 | Desktop Visualizer | $ - | $ - |
| 16 | 1 | Contemporary Research | 232-ATSC-4 | HDTV Cable Tuner | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 1 | Extron | 60-850-01 | XPA 2001-70V | $ - | $ - |
| 2 | 6 | Tannoy | CVS6 | 6" Ceiling Speakers | $ - | $ - |
| **Control Equipment** | | | | | | |
| 1 | 1 | Crestron | TSW752 | 5" Touch screen | $ - | $ - |
| 2 | 1 | Crestron | TSW-550-TTK-B-S | Table top mounting kit | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 1 | Extron | 60-190-01 | Universal Rack Shelf | $ - | $ - |
| 2 | 2 | Extron | 70-1045-08 | Cable Cubby 500, Brushed Al, No AC | $ - | $ - |
| 3 | 2 | Extron | 60-1385-01 | AC 102 US ((2) US Outlets) | $ - | $ - |
| 4 | 2 | Extron | 70-267-01 | Cable Pass-Through AAP | $ - | $ - |
| 5 | 2 | Extron | 70-270-01 | Cable Pass-Through AAP | $ - | $ - |
| 6 | 1 | Contemporary Research | RK-1 | Rack mount for CATV Tuner | $ - | $ - |
| 7 | 1 | Chief | KCV110 | Monitor Swing arm | $ - | $ - |
| 8 | 1 | Panelcrafters | ACTAS-WQ256792 | Custom Rack Plate for ALS Output | $ - | $ - |
| 9 | 1 | Panelcrafters | ACTAS-WQ462280 | Teacher Station input panel | $ - | $ - |
| 10 | 1 | Middle Atlantic | MRK-24-26 | 24 RU Rack mount | $ - | $ - |
| 11 | 1 | Middle Atlantic | CBS-MRK-26R | Caster Base | $ - | $ - |
| 12 | 1 | Middle Atlantic | MW-LVT | Vented Top | $ - | $ - |
| 13 | 1 | Middle Atlantic | FD-24 | Lockable Solid Front Door | $ - | $ - |
| 14 | 1 | Middle Atlantic | PD-1620C-NS | Vertical Power Strip | $ - | $ - |
| 15 | 1 | Middle Atlantic | ERK-RR27 | Rear Rack Rail | $ - | $ - |
| 16 | 1 | Middle Atlantic | SP-24-267 | Sides | $ - | $ - |
| 17 | 1 | Middle Atlantic | SRSR-2-12 | Pull out rortating rack<br>AV rack may need to be cut down to 11RU to fit within teacher station | $ - | $ - |
| 18 | 1 | Oppo | RMKBDP103 | Rack mount kit for Blu-Ray Player | $ - | $ - |
| 19 | 1 | Middle Atlantic | Lot: Blanks/Drawers and Vents | Misc Vents, Blanks, Drawers - See layout | $ - | $ - |
| 20 | 2 | Surgex | SX-1120-RT | Rack Power Strip | $ - | $ - |
| 21 | 1 | | Custom | Lectern | OFE | OFE |
| 22 | 1 | | OFE | PC | OFE | OFE |
| 23 | 2 | AV Contractor | Shop Stock | Rack Label | $ - | $ - |
| 24 | 1 | AV Contractor | Shop Stock | Miscellanous Cable and Connectors | $ - | $ - |
| | | | | | **Equipment Total** | **$0** |

**Shipping and Labor**

Engineering (Design/Engineering/Drafting/Submittals)
Rack Fabrication
On-Site Labor
Project Management and Coordination
Remote Control Programming
Test Debug/Walkthrough
1st Year Warranty and 2 PM Visits
Shipping/Handling/Storage Fees

| | |
|---|---|
| **Shipping and Labor Total** | $ - |
| **Room Total** | **$ -** |

**URI Active Learning Room 100C**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 1 | Epson | PowerLite G6470WU | 4500 ANSI Lumen Projector with Standard Lens, 1900x1200 | $ - | $ - |
| 2 | 1 | Chief | CMS012W | 12 inch extension column | $ - | $ - |
| 3 | 1 | Chief | CMA110 | Ceiling Plate | $ - | $ - |
| 4 | 1 | Chief | CMA440 | Tile Bridge | $ - | $ - |
| 5 | 1 | Chief | CMA160 | Plenum enclosure | $ - | $ - |
| 6 | 3 | Chief | PAC501 | Receessed Enclosure | $ - | $ - |
| 7 | 3 | Chief | PNRIW | Pull out arm | $ - | $ - |
| 8 | 1 | Da-Lite | 34539LS | 60H x 96W (113in diag) -Aspect Ratio: 16:10, HC Da-Mat® Ceiling Mounted Tensioned Projection Screen with LVC | $ - | $ - |
| 9 | 4 | Samsung | DM48D | 48" LCD Monitor | $ - | $ - |
| 10 | 1 | Chief | MTMU | Medium Flat Panel Wall Mount | $ - | $ - |
| 11 | 5 | Crestron | DM-MD8x1-4K-C | 4K Scaling Presentation Switcher | $ - | $ - |
| 12 | 4 | Crestron | DMC-4K-C | Digital Media 8G input card | $ - | $ - |
| 13 | 1 | Crestron | DMC-4K-HD | HDMI Input Card | $ - | $ - |
| 14 | 2 | Crestron | DMC-4K-CO-HD | HDBaseT DM output Card | $ - | $ - |
| 15 | 1 | Crestron | DM-MD16X16 | Digital Media Switcher | $ - | $ - |
| 16 | 5 | Crestron | DM-RMC-4K- SCALER-C | DM Scaling Receiver | $ - | $ - |
| 17 | 4 | Extron | 60-841-22 | SW4 HDMI | $ - | $ - |
| 18 | 0 | Panelcrafters | ACTAS-WQ353391 | Custom Plate with DM out and TP Connection | $ - | $ - |
| 19 | 1 | Oppo | BDP103 | Blu-Ray Player with RS232 | $ - | $ - |
| 20 | 1 | Wolfvision | VZ-8light4 | Desktop Visualizer | $ - | $ - |
| 21 | 1 | Contemporary Research | 232-ATSC-4 | HDTV Cable Tuner | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 6 | Tannoy | CVS6 | 6" Ceiling Speakers | $ - | $ - |
| 2 | 4 | Rolls | HA43 Pro | 4 Output stereo headphone amp (4 mini and 4 1/4 inch) | $ - | $ - |
| 3 | 1 | Extron | 60-850-01 | XPA 2000-70V | $ - | $ - |
| 4 | 1 | ListenTech | LS-53-72 | Portable FM ADA Compliance Kit | $ - | $ - |
| **Control Equipment** | | | | | | |
| 1 | 1 | Crestron | TSW-1052-B-S | 10.1" Touch panel with Core 3 UI™ graphics. | $ - | $ - |
| 2 | 1 | Crestron | TSW-1050-TTK-B-S | TableTop Kit for TSW-1050, Black Smooth | $ - | $ - |
| 3 | 1 | Cisco | SF302-08P | 8-Port PoE Switch | $ - | $ - |
| 4 | 1 | Crestron | CP3N | Control Processor | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 1 | Extron | 60-190-01 | Universal Rack Shelf | $ - | $ - |
| 2 | 1 | Extron | 70-1045-08 | Cable Cubby 500, Brushed Al, No AC | $ - | $ - |
| 3 | 1 | Extron | 60-1385-01 | AC 102 US ((2) US Outlets) | $ - | $ - |
| 4 | 1 | Extron | 70-267-01 | Cable Pass-Through AAP | $ - | $ - |
| 5 | 1 | Extron | 70-270-01 | Cable Pass-Through AAP | $ - | $ - |
| 6 | 8 | Extron | 60-1398-02 | Cable Cubby 1400 Black with US AC Power Modules | $ - | $ - |
| 7 | 8 | Extron | 70-090-11 | Blank Plate - Single | $ - | $ - |
| 8 | 16 | Extron | 70-331-11 | Two 3.5 mm Stereo Mini Jack to Captive Screw Terminal | $ - | $ - |
| 9 | 1 | Extron | 70-314-29 | MAAP CAT5 Ethercon, white | $ - | $ - |
| 10 | 2 | Extron | 70-314-23 | MAAP Cat5 Pass thru, white | $ - | $ - |
| 11 | 1 | Chief | KCV110 | Monitor Swing arm | $ - | $ - |
| 12 | 1 | Oppo | RMKBDP103 | Rack mount kit for Blu-Ray Player | $ - | $ - |
| 13 | 0 | Panelcrafters | ACTAS-WQ462280 | Teacher Station input panel | $ - | $ - |
| 14 | 0 | Middle Atlantic | WRK-24SA-27 | Equipment Rack (24 RU) | $ - | $ - |
| 15 | 0 | Middle Atlantic | CBS-WRK-27 | Caster Base | $ - | $ - |
| 16 | 0 | Middle Atlantic | MW-LVT | Top Vent Panel | $ - | $ - |
| 17 | 0 | Middle Atlantic | Lot: Blanks/Drawers and Vents | Misc Vents, Blanks, Drawers - See layout | $ - | $ - |
| 18 | 1 | Middle Atlantic | SRSR-2-12 | Pull out rortating rack<br>*AV rack may need to be cut down to 11RU to fit within teacher station* | $ - | $ - |
| 19 | 1 | Surgex | SX-1120-RT | Rack Power Strip | $ - | $ - |
| 20 | 28 | Sennheiser | PX 95 | 28 Pool Headphones | $ - | $ - |
| 21 | 1 | AV Contractor | Shop Stock | Rack Label | $ - | $ - |
| 22 | 1 | AV Contractor | Shop Stock | Miscellanous Cables and Connectors | $ - | $ - |
| 23 | | | | Instructor Station | OFE | OFE |
| | | | | | **Equipment Total** | **$0** |
| **Shipping and Labor** | | | | Engineering (Design/Engineering/Drafting/Submittals) | | |
| | | | | Rack Fabrication | | |
| | | | | On-Site Labor | | |
| | | | | Project Management and Coordination | | |
| | | | | Remote Control Programming | | |
| | | | | Test Debug/Walkthrough | | |
| | | | | 1st Year Warranty and 2 PM Visits | | |
| | | | | Shipping/Handling/Storage Fees | | |
| | | | | | **Shipping and Labor Total** | $ - |
| | | | | | **Room Total** | **$ -** |

**URI Editing Suite - Room 101**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 1 | Samsung | DM48D | 48" LCD Monitor | $ - | $ - |
| 2 | 1 | Chief | MTMU | Flat Panel Tilt Wall Mount | $ - | $ - |
| **Control Equipment** | | | | | | |
| 1 | 1 | Crestron | MPC-M10 | Media Presentation Controller | $ - | $ - |
| 2 | 1 | Crestron | MP/MPC | Front Labels - labelled for AV Details | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 1 | Fostex | PMO.4d | Near Field Monitor Speakers (Pair) | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 1 | AV Contractor | Per Detail | Custom Wall Plate for Tie Lines | $ - | $ - |
| 2 | 1 | Lowell | LDRF-1218 | LDRF-series Desk Rack with fixed-rails | $ - | $ - |
| 4 | 1 | Middle Atlantic | Lot: Blanks/Drawers an | Misc Vents, Blanks, Drawers - See layout | $ - | $ - |
| 5 | 1 | AV Contractor | Shop Stock | Rack Label | $ - | $ - |
| 6 | 1 | AV Contractor | Shop Stock | Miscellanous Cables and Connectors and wire management | $ - | $ - |
| | | | | Mac for editing, with Keyboard, mouse and USB hub | OFE | OFE |
| | | | | Editing console | OFE | OFE |
| | | | | audio equipment | OFE | OFE |
| | | | | **Equipment Total** | | **$0** |

**Shipping and Labor**

Engineering (Design/Engineering/Drafting/Submittals)
Rack Fabrication
On-Site Labor
Project Management and Coordination
Remote Control Programming
Test Debug/Walkthrough
1st Year Warranty and 2 PM Visits
Shipping/Handling/Storage Fees

**Shipping and Labor Total** $ -

**Room Total** **$ -**

**URI Screening / Lecture Room 103**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 0 | NEC | X981UHD | 98" Diagonal UHD Professional Display | $ - | $ - |
| 2 | 0 | Chief | XTMU | Extra large mount | $ - | $ - |
| | 1 | Sony | VPL-HZ65 | 6000 ANSI lumen Laser Projector | $ - | $ - |
| | 1 | AVC Contractor | Custom | Extension Column | $ - | $ - |
| | 1 | Chief | CMA330 | Structural Ceiling Mount | $ - | $ - |
| | 1 | AVC Contractor | Shop Stock | Hardware for installation of projector | $ - | $ - |
| | 1 | Stewart | Quote # 336540 .2 | 60.75 x 108 Rigid Screen, Microperf | $ - | $ - |
| | 1 | CDS | Quote # TH-160226ACT-1 | PMA-01S Projector Shroud | $ - | $ - |
| 4 | 2 | Extron | 60-1583-01 | DTP Cross Point 82 4K Scaling presentation swithcer | $ - | $ - |
| 5 | 0 | Extron | 60-1074-01 | RGB to HDMI Sacaler | $ - | $ - |
| 6 | 0 | Extron | 60-1271-13 | DTP HDMI 4K Reciever with HDMI | $ - | $ - |
| | 2 | Extron | 60-1253-01 | DSC 301 HD Three input Video Scaler | $ - | $ - |
| 7 | 1 | Oppo | BDP105D | Blu-Ray Player with RS232 | $ - | $ - |
| 8 | 1 | Wolfvision | VZ-8light4 | Desktop Visualizer | $ - | $ - |
| 9 | 1 | Contemporary Research | 232-ATSC-4 | HDTV Cable Tuner | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 1 | Crestron | HD-XSP | HD 7.1 Surround Sound Processor | $ - | $ - |
| 2 | 2 | Leon | vUltima | In-wall speaker with (1) 5" reference-grade woofer and (1) 1" reference-grade tweeter | $ - | $ - |
| 3 | 1 | Leon | HzUltima-C | Center Channel Speaker with reference grade tweeter. *Width to be specifed to fit within cavity. Verify in field prior to production.* | $ - | $ - |
| 4 | 2 | Leon | HzMMB | Wallmount bracket for sound bar | $ - | $ - |
| 5 | 1 | Leon | ACS10UT | 10" ultra-thin sub with amplifier<br>*Reference Leon Quote #ACT14December2015* | $ - | $ - |
| 6 | 4 | Tannoy | 8001 6310 | VX 5.2 Wall Mounted Program Speakers (Black) | $ - | $ - |
| 7 | 0 | Tannoy | 8001 3050 | VS 10BP Subwoofer Speaker (Black) | $ - | $ - |
| 8 | 1 | Bose | PM8250N | Configurable amplifier with Network, 8 channel @ 250W | $ - | $ - |
| **Control Equipment** | | | | | | |
| 1 | 1 | Crestron | CP3N | Control Processor | $ - | $ - |
| 2 | 1 | Crestron | TSW-1052 | 10" Touchpanel for Instructor Station | $ - | $ - |
| 3 | 1 | Crestron | TSW-1050-TTK | 10" tabletop kit for touch panel | $ - | $ - |
| 4 | 2 | Cisco | SF302-08P | 8-Port PoE Switch | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 2 | Extron | 70-1045-08 | Cable Cubby 500, Brushed Al, No AC | $ - | $ - |
| 2 | 2 | Extron | 60-1385-01 | AC 102 US ((2) US Outlets) | $ - | $ - |
| 3 | 2 | Extron | 70-267-01 | Cable Pass-Through AAP | $ - | $ - |
| 4 | 2 | Extron | 70-270-01 | Cable Pass-Through AAP | $ - | $ - |
| 5 | 4 | Extron | 70-314-29 | MAAP CAT5 Ethercon, white | $ - | $ - |
| | 1 | Extron | 60-604-11 | RSB 126 Shelf | $ - | $ - |
| 6 | 1 | Panelcrafters | ACTAS-WQ256792 | Custom Rack Plate for ALS Output | $ - | $ - |
| 7 | 0 | Panelcrafters | ACTAS-WQ462279 | Floor box input panel | $ - | $ - |
| 8 | 1 | Oppo | RMKBDP103 | Rack mount kit for Blu-Ray Player | $ - | $ - |
| 9 | 1 | Custom | TBD | Instructor Station | OFE | OFE |
| 10 | 1 | Chief | KCV110 | Monitor Swing arm | $ - | $ - |
| 11 | 1 | Contemporary Research | RK-1 | Rack mount for HDTV Tuner | $ - | $ - |
| 12 | 1 | Middle Atlantic | MRK-24-26 | 24 RU Rack mount | $ - | $ - |
| 13 | 1 | Middle Atlantic | CBS-MRK-26R | Caster Base | $ - | $ - |
| 14 | 1 | Middle Atlantic | MW-LVT | Vented Top | $ - | $ - |
| 15 | 1 | Middle Atlantic | FD-24 | Lockable Solid Front Door | $ - | $ - |
| 16 | 1 | Middle Atlantic | PD-1620C-NS | Vertical Power Strip | $ - | $ - |
| 17 | 1 | Middle Atlantic | ERK-RR27 | Rear Rack Rail | $ - | $ - |
| 18 | 1 | Middle Atlantic | SP-24-267 | Sides | $ - | $ - |
| 19 | 1 | Middle Atlantic | Shop Stock | Misc Vents, Blanks, Drawers - See layout | $ - | $ - |
| 20 | 1 | Middle Atlantic | SRSR-2-12 | Pull out rortating rack<br>*AV rack may need to be cut down to 11RU to fit within teacher station* | $ - | $ - |
| 21 | 2 | Surgex | SX-1120-RT | Rack Power Strip | $ - | $ - |
| 22 | 1 | | | PC | OFE | OFE |
| 23 | 1 | AV Contractor | Shop Stock | Rack Label | $ - | $ - |
| 24 | 1 | AV Contractor | Shop Stock | All applicable Pre-made cables and adaptors | $ - | $ - |
| 25 | 1 | AV Contractor | Shop Stock | Miscellanous Rack Cable and Connectors | $ - | $ - |
| | | | | | **Equipment Total** | **$0** |
| **Shipping and Labor** | | | | Engineering (Design/Engineering/Drafting/Submittals) | | $ - |
| | | | | Rack Fabrication | | |
| | | | | On-Site Labor | | |
| | | | | Project Management and Coordination | | |
| | | | | Remote Control Programming | | |

**Recording - Tutoring Room 104**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 1 | Samsung | DM48E | 48" LCD Monitor | $ - | $ - |
| 2 | 1 | Chief | MTMU | Flat Panel Tilt Wall Mount | $ - | $ - |
| **Control Equipment** | | | | | | |
| 1 | 1 | Crestron | MPC-M10 | Media Presentation Controller | $ - | $ - |
| 2 | 1 | Crestron | MP/MPC | Front Labels - labelled for AV Details | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 2 | Mackie | HR824mk2 | Active reference monitor with 8.5" in driver | $ - | $ - |
| | | | | | | |
| **Misc. equipment** | | | | | | |
| 1 | 0 | Extron | 70-1405-02 | HRMK2 | $ - | $ - |
| 2 | 1 | AV Contractor | Per Detail | Custom Wall Plate for Tie Lines | $ - | $ - |
| 3 | 1 | Lowell | SBL-49 | 4RU Locking rack mountable box for OFE Mac Mini | $ - | $ - |
| 4 | 1 | Chief | NW2F1218 | Wall Rack | $ - | $ - |
| 5 | 1 | Lowell | Lot: Blanks/Drawers and Vents | Misc Vents, Blanks, Drawers - See layout | $ - | $ - |
| 6 | 1 | Surgex | SX-1120-RT | Rack Power Strip | $ - | $ - |
| 7 | 1 | AV Contractor | Shop Stock | Rack Label | $ - | $ - |
| 8 | 1 | AV Contractor | Shop Stock | All applicable Pre-made cables and adaptors | $ - | $ - |
| 9 | 1 | AV Contractor | Shop Stock | Miscellanous Rack Cable and Connectors | $ - | $ - |
| | | | | Mac Mini | OFE | OFE |
| | | | | | **Equipment Total** | **$0** |

**Shipping and Labor**

Engineering (Design/Engineering/Drafting/Submittals)
Rack Fabrication
On-Site Labor
Project Management and Coordination
Remote Control Programming
Test Debug/Walkthrough
1st Year Warranty and 2 PM Visits
Shipping/Handling/Storage Fees

**Shipping and Labor Total** $ -

**Room Total** **$ -**

**URI Speaking - Writing Lab Room 106**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 0 | Samsung | DM48E | 48" LCD Monitor | $ - | $ - |
| 2 | 0 | Chief | MTMU | Flat Panel Tilt Wall Mount | $ - | $ - |
| 3 | 0 | Extron | 42-226-000806 | TeamWork 400 Four-User Pre-Configured Digital Collaboratio | $ - | $ - |
| 4 | 1 | Epson | G6470WU | 4500Watt Lumen Projector w/ wireless LAN Module | $ - | $ - |
| 5 | 1 | AVC Contractor | Shop Stock | Hardware for Installation of Projector | | |
| 6 | | Chief | CMA330 | Structural Ceiling Mount | | |
| 7 | 1 | DaLite | see description | Tensioned Advantage Electrol mortorized wall mounted projection screen; 60in W x 90in H w/ wall switch control | $ - | $ - |
| **Audio Equpment** | | | | | | |
| 1 | 0 | Rolls | HA43 Pro | 4 Output stereo headphone amp (4 mini and 4 1/4 inch) | $ - | $ - |
| 2 | 6 | Tannoy | CVS6 | ceiling mounted speakers | $ - | $ - |
| 3 | 1 | Extron | 60-850-01 | XPA2001 Amplifier | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 0 | Extron | 60-1398-02 | Cable Cubby 1400 Black with US AC Power Modules | $ - | $ - |
| 2 | 0 | Extron | 70-331-11 | Two 3.5 mm Stereo Mini Jack to Captive Screw Terminal | $ - | $ - |
| 3 | 0 | Extron | 70-587-11 | One Stereo 3.5mm mini jack to solder tabs | $ - | $ - |
| 4 | 1 | AV Contractor | Shop Stock | All applicable Pre-made cables and adaptors | $ - | $ - |
| 5 | 1 | AV Contractor | Shop Stock | Miscellanous Rack Cable and Connectors | $ - | $ - |

**Equipment Total** **$0**

**Shipping and Labor**

Engineering (Design/Engineering/Drafting/Submittals)
Rack Fabrication
On-Site Labor
Project Management and Coordination
Remote Control Programming
Test Debug/Walkthrough
1st Year Warranty and 2 PM Visits
Shipping/Handling/Storage Fees

**Shipping and Labor Total** $ -

**Room Total** **$ -**

**Collaborate - Edit 1 Room 108**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 1 | Samsung | DM48E | 48" LCD Monitor | $ - | $ - |
| 2 | 1 | Chief | MTMU | Flat Panel Tilt Wall Mount | $ - | $ - |
| 3 | 1 | Extron | 42-226-004696 | TeamWork 400 Four-User Pre-Configured Digital Collaboratio | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 1 | Rolls | HA43 Pro | 4 Output stereo headphone amp (4 mini and 4 1/4 inch) | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 1 | Extron | 60-1398-02 | Cable Cubby 1400 Black with US AC Power Modules | $ - | $ - |
| 2 | 2 | Extron | 70-331-11 | Two 3.5 mm Stereo Mini Jack to Captive Screw Terminal | $ - | $ - |
| 3 | 1 | Extron | 70-090-11 | Blank Plate - Single | $ - | $ - |
| | 1 | Extron | 60-1384-01 | (2) AC + (2) USB Outlet module | $ - | $ - |
| 4 | 1 | AV Contractor | Per Detail | Custom Wall Plate for Tie Lines | $ - | $ - |
| 5 | 1 | AV Contractor | Shop Stock | All applicable Pre-made cables and adaptors | $ - | $ - |
| 6 | 1 | AV Contractor | Shop Stock | Miscellanous Rack Cable and Connectors | $ - | $ - |
| | | | | | **Equipment Total** | **$0** |

**Shipping and Labor**

Engineering (Design/Engineering/Drafting/Submittals)
Rack Fabrication
On-Site Labor
Project Management and Coordination
Remote Control Programming
Test Debug/Walkthrough
1st Year Warranty and 2 PM Visits
Shipping/Handling/Storage Fees

**Shipping and Labor Total** $ -

**Room Total** **$ -**

**Collaborate - Edit 2 Room 110**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 1 | Samsung | DM48E | 48" LCD Monitor | $ - | $ - |
| 2 | 1 | Chief | MTMU | Flat Panel Tilt Wall Mount | $ - | $ - |
| 3 | 1 | Extron | 42-226-004696 | TeamWork 400 Four-User Pre-Configured Digital Collaboratio | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 1 | Rolls | HA43 Pro | 4 Output stereo headphone amp (4 mini and 4 1/4 inch) | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 1 | Extron | 60-1398-02 | Cable Cubby 1400 Black with US AC Power Modules | $ - | $ - |
| 2 | 2 | Extron | 70-331-11 | Two 3.5 mm Stereo Mini Jack to Captive Screw Terminal | $ - | $ - |
| 3 | 1 | Extron | 70-090-11 | Blank Plate - Single | $ - | $ - |
| | 1 | Extron | 60-1384-01 | (2) AC + (2) USB Outlet module | $ - | $ - |
| 4 | 1 | Panel Crafters | ACTAS-WQ256555 | Custom Wall Plate for Tie Lines | $ - | $ - |
| 5 | 1 | AV Contractor | Shop Stock | All applicable Pre-made cables and adaptors | $ - | $ - |
| 6 | 1 | AV Contractor | Shop Stock | Miscellanous Rack Cable and Connectors | $ - | $ - |
| | | | | | **Equipment Total** | **$0** |

**Shipping and Labor**

Engineering (Design/Engineering/Drafting/Submittals)
Rack Fabrication
On-Site Labor
Project Management and Coordination
Remote Control Programming
Test Debug/Walkthrough
1st Year Warranty and 2 PM Visits
Shipping/Handling/Storage Fees

**Shipping and Labor Total** $ -

**Room Total** **$ -**

**URI Living Room Space**

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Ext Cost |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 1 | Epson | PowerLite G6470WU | 4500 ANSI Lumen Projector with Standard Lens, 1900x1200 | $ - | $ - |
| 2 | 1 | Da-Lite | | 76.25H x 122W (113in diag) -Aspect Ratio: 16:10, HC Da-Mat® Ceiling Mounted Tensioned Projection Screen with LVC | $ - | $ - |
| 3 | 1 | Chief | CMS012W | 12 inch extension column | $ - | $ - |
| 4 | 1 | Chief | CMA110 | Ceiling Plate | $ - | $ - |
| 5 | 1 | Chief | CMA440 | Tile Bridge | $ - | $ - |
| 6 | 1 | Chief | CMA160 | Plenum enclosure | $ - | $ - |
| 7 | 1 | Chief | RPMAUW | Projector mounting plate | $ - | $ - |
| 8 | 3 | Samsung | DM48D | 48" LCD Monitor w/ integrated tuner | $ - | $ - |
| 9 | 3 | Chief | PAC501 | Receessed Enclosure | $ - | $ - |
| 10 | 3 | Chief | PNRIW | Pull out arm | $ - | $ - |
| 11 | 3 | Crestron | MP-WP152 | HDMI Input Plates | $ - | $ - |
| 12 | 3 | Crestron | MP-WP130 | HDMI+Audio Input plates | $ - | $ - |
| 13 | 1 | Crestron | DMPS3-200-C | Digital Media Presentation System | $ - | $ - |
| 14 | 1 | Crestron | PW-4818DU | PoDM power Suplply | $ - | $ - |
| 15 | 1 | Crestron | DM-TX-200-C-2G | Digital Media Transmitter | $ - | $ - |
| 16 | 1 | Crestron | DM-RMC-SCALER -C | DM Receiver | $ - | $ - |
| 17 | 1 | Contemporary Research | 232-ATSC-4 | HDTV Cable Tuner | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 1 | Extron | 60-850-01 | XPA 2001 Mono 70/100 V Amplifier - 200 Watts | $ - | $ - |
| 2 | 8 | Tannoy | CVS6 | 6" Ceiling Speakers | $ - | $ - |
| 3 | 3 | Rolls | HA43 Pro | 4 Output stereo headphone amp (4 mini and 4 1/4 inch) | $ - | $ - |
| 4 | 1 | Sennheiser | USEW322/335G3 | SKM300 G3 handheld with e835 cardioid dynamic capsule, EM300 G3 receiver, GA3 rack-mount kit, SK300 G3 bodypack, ME4 cardioid lavalier and AM2. | $ - | $ - |
| 5 | 1 | Listen Tech | QT# 18884 | Custom Under Carpet Loop Induction System | $ - | $ - |
| **Control Equipment** | | | | | | |
| 1 | 3 | Crestron | MPC-M10 | Media Presentation Button Controller | $ - | $ - |
| 2 | 1 | Crestron | TSW552 | 5" Touch screen | $ - | $ - |
| 3 | 3 | Crestron | MP/MPC | Front Labels - labelled for AV Details | $ - | $ - |
| 4 | 1 | Cisco | SF302-08P | 8-Port PoE Switch | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | 1 | Panelcrafters | ACTAS-WQ256792 | Custom Rack Plate for ALS Output | $ - | $ - |
| 2 | 3 | Panelcrafters | ACTAS-WQ462277 | Custom Wall Plate for Headphone Outputs | $ - | $ - |
| 3 | 1 | Contemporary Research | RK-1 | Rack mount for CATV Tuner | $ - | $ - |
| 4 | 1 | Middle Atlantic | MRK-24-26 | 24 RU Rack mount | $ - | $ - |
| 5 | 1 | Middle Atlantic | CBS-MRK-26R | Caster Base | $ - | $ - |
| 6 | 1 | Middle Atlantic | MW-LVT | Vented Top | $ - | $ - |
| 7 | 1 | Middle Atlantic | FD-24 | Lockable Solid Front Door | $ - | $ - |
| 8 | 1 | Middle Atlantic | PD-1620C-NS | Vertical Power Strip | $ - | $ - |
| 9 | 1 | Middle Atlantic | ERK-RR27 | Rear Rack Rail | $ - | $ - |
| 10 | 1 | Middle Atlantic | SP-24-267 | Sides | $ - | $ - |
| 11 | 1 | Middle Atlantic | Shop Stock | Misc Vents, Blanks, Drawers - See layout | $ - | $ - |
| 12 | 1 | Middle Atlantic | MW-LVT | Top Vent Panel | $ - | $ - |
| 13 | 1 | Middle Atlantic | Lot: Blanks/Drawers and V | Misc Vents, Blanks, Drawers - See layout | $ - | $ - |
| 14 | 1 | Custom | TBD | Shelf for Laptop connection | $ - | $ - |
| 15 | 1 | AV Contractor | Shop Stock | Rack Label | $ - | $ - |
| 16 | 1 | AV Contractor | Shop Stock | All applicable Pre-made cables and adaptors | $ - | $ - |
| 17 | 1 | AV Contractor | Shop Stock | Miscellanous Rack Cable and Connectors | $ - | $ - |
| | | | | | **Equipment Total** | **$0** |

| | | |
|---|---|---|
| **Shipping and Labor** | Engineering (Design/Engineering/Drafting/Submittals) | $ - |
| | Rack Fabrication | |
| | On-Site Labor | |
| | Project Management and Coordination | |
| | Remote Control Programming | |
| | Test Debug/Walkthrough | |
| | 1st Year Warranty and 2 PM Visits | |
| | Shipping/Handling/Storage Fees | $ - |
| | **Shipping and Labor Total** | $ - |
| | **Room Total** | **$ -** |

| Item # | Qty | Manufacturer | Part Number | Description | Unit Cost | Extended Price |
|---|---|---|---|---|---|---|
| **Video Equipment** | | | | | | |
| 1 | 4 | Primeview | PRV49SNG | 49" Full HD 1080p Narrow Bezel Video Wall Display (3.5mm gap) (Quote # 12268) | $ - | $ - |
| 2 | 1 | Peerless | DS-VW660-2X2 | 2x2 Video Wall mounting system | $ - | $ - |
| 3 | 1 | AVContractor | Shop stock | Miscellaneous mounting hardware | $ - | $ - |
| 4 | 1 | Crestron | DM-TX-200-C-2G | Digital Media Transmitter | $ - | $ - |
| 5 | 1 | Crestron | DM-RMC-4K-SCALER-C | DM Receiver | $ - | $ - |
| 6 | 4 | TBD | Media Player | OFE Media player | $ - | $ - |
| **Audio Equipment** | | | | | | |
| 1 | 1 | Holosonics | AS-24I-W | Audio Spotlight® Directional Sound System with Sound beam® processor/amplifier | $ - | $ - |
| **Control Equipment** | | | | | | |
| 1 | 1 | Crestron | MPC-M10-B | Control Processor - Button Panel | $ - | $ - |
| **Misc. equipment** | | | | | | |
| 1 | | | | | | |
| 2 | 1 | Holosonics | MNT-1 | Mounting kit for sheetrock ceiling | $ - | $ - |
| 3 | 1 | OFE | OFE | Audible standard PC / LCD monitor and keyboard/mouse | OFE | OFE |
| 4 | 1 | AV Contractor | Shop Stock | Miscellaneous Cable and Connectors | $0.00 | $0.00 |
| | | | | | **Equipment Total** | $0.00 |

**Shipping and Labor**

Engineering (Design/Engineering/Drafting/Submittals)
Rack Fabrication
On-Site Labor
Project Management and Coordination
Remote Control Programming
Test Debug/Walkthrough
Shipping/Handling/Storage Fees

**Shipping and Labor Total** $0.00

**System Total** **$0.00**

**** Note: Applicable Sales Taxes are NOT included above.**

| Room # | Equipment | Labor | Total |
|---|---|---|---|
| Seminar / Lecture Room 100A | $ - | $ - | |
| Active Learning Classroom 100C | $ - | $ - | $ - |
| Editing Suite Room 101 | $ - | $ - | $ - |
| Screening / Lecture Room 103 | $ - | $ - | $ - |
| Recording / Tutoring Room 104 | $ - | $ - | $ - |
| Computer Lab/ Room 106 | $ - | $ - | $ - |
| Collaborate / Edit 1 Room 108 | $ - | $ - | $ - |
| Collaborate / Edit 1 Room 110 | $ - | $ - | $ - |
| Living Room Space | $ - | $ - | $ - |
| Digital Signage | $ - | $ - | $ - |
| | **$ -** | **$ -** | **$ -** |