NOTE:
1. ROOF IS TO BE IN WEATHER TIGHT CONDITION AT THE END OF EACH DAY.
2. VENTILATION CONTRACTOR TO VERIFY LOCATION OF EXISTING ROOF DRAINS AND COORDINATE FINAL LOCATION OF NEW AHU.
3. PATCH AND REPAIR ROOF AT INSTALLATION OF NEW AHU. MATCH EXISTING ROOF SLOPE AND PROVIDE NEW EXTRUDED POLYESTRENE INSULATION TO MAINTAIN POSITIVE DRAINAGE.
4. SEE SPEC SECTION 075323 EPDM ROOFING FOR ADDITIONAL INFORMATION.
SECOND FLOOR ELECTRICAL PLAN - AREA 'B'
GENERAL POWER NOTES:

1. PROVIDE MOTOR RATED 600V/3Ø FEED TO PANEL RP-2. PROVIDE NEW 15A/1P BREAKER IN PANEL. REFER TO ARCHITECT'S DRAWINGS FOR EXACT PANEL LOCATION.

2. PROVIDE 120V/1Ø CONNECTION TO ACU-2. PROVIDE NEW 15A/1P BREAKER IN PANEL. PROVIDE MOTOR RATED 120V/1Ø CONNECTION TO EF-2.

3. PROVIDE 120V/2Ø CONNECTION TO ACU-2 AND EF-2. PROVIDE NEW 15A/2P BREAKER IN PANEL.

4. PROVIDE 120V/1Ø CONNECTION TO ACU-2 AND EF-2. PROVIDE NEW 15A/1P BREAKER IN PANEL.

5. PROVIDE 120V/3Ø CONNECTION TO ACU-2 AND EF-2. PROVIDE NEW 15A/3P BREAKER IN PANEL.

6. PROVIDE 120V/3Ø CONNECTION TO ACU-2 AND EF-2. PROVIDE NEW 15A/3P BREAKER IN PANEL.

7. PROVIDE 120V/3Ø CONNECTION TO ACU-2 AND EF-2. PROVIDE NEW 15A/3P BREAKER IN PANEL.

8. PROVIDE 120V/3Ø CONNECTION TO ACU-2 AND EF-2. PROVIDE NEW 15A/3P BREAKER IN PANEL.

9. PROVIDE 120V/3Ø CONNECTION TO ACU-2 AND EF-2. PROVIDE NEW 15A/3P BREAKER IN PANEL.

10. DUPLEX RECEPTACLE IN FIRE RATED WALL INCLUDED AS PART OF BASE SCOPE. ELECTRICAL CONTRACTOR TO PROVIDE CABLE TO PANEL.

11. PROVIDE 5" SQUARE JUNCTION BOX WITH 3/4" CONDUIT ROUTED TO NEAREST CABLE TRAY FOR WIRELESS ACCESS POINT. REFER TO A/V DRAWINGS (EA SERIES) FOR INSTRUCTIONS.

12. PROVIDE 120V LIFE SAFETY CONNECTION FOR NOTIFICATION APPLIANCE CIRCUIT PANEL (NAC) FROM NEAREST LIFE SAFETY SYSTEM. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT FLOOR BOX LOCATIONS.

13. PROVIDE 5" SQUARE JUNCTION BOX WITH 3/4" CONDUIT ROUTED TO NEAREST CABLE TRAY FOR WIRELESS ACCESS POINT. REFER TO A/V DRAWINGS (EA SERIES) FOR INSTRUCTIONS.

14. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC. ISOLATED GND CIRCUIT SHALL BE PROVIDED WITH #10 AWG CONDUCTORS FOR HOT AND NEUTRALS, #8 FOR NEUTRAL, #6 FOR HOT 250° AMPERAGES, #4 FOR CABLES OVER 18" IN DIAMETER, #2 FOR CABLES OVER 25" IN DIAMETER, #1 AWG FOR CABLES OVER 30" IN DIAMETER, #0 AWG FOR CABLES OVER 36" IN DIAMETER, #0 AWG FOR CABLES OVER 48" IN DIAMETER.

15. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

16. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

17. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

18. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

19. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

20. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

21. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

22. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

23. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

24. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

25. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

26. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

27. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

28. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

29. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

30. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

31. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

32. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

33. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

34. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

35. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

36. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

37. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

38. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

39. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

40. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

41. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

POWER KEYED NOTES:

1. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

2. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

3. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

4. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

5. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

6. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

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8. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

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40. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.

41. PROVIDE ISOLATED GND CONDUCTOR, AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.
<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Qty</th>
<th>Watts</th>
<th>Color Temp</th>
<th>Driver Type</th>
<th>Mounting Type</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>L1</td>
<td>2X4</td>
<td>1</td>
<td>54.8</td>
<td>3000K</td>
<td>0-10V</td>
<td>CEILING</td>
<td>RECESSED</td>
</tr>
<tr>
<td>L1EM</td>
<td>2X4</td>
<td>1</td>
<td>54.8</td>
<td>3000K</td>
<td>0-10V</td>
<td>CEILING</td>
<td>W/BATTERY BACKUP</td>
</tr>
<tr>
<td>L2</td>
<td>2X2</td>
<td>1</td>
<td>39.3</td>
<td>3000K</td>
<td>0-10V</td>
<td>CEILING</td>
<td>SUSPENDED</td>
</tr>
<tr>
<td>L2EM</td>
<td>2X2</td>
<td>1</td>
<td>39.3</td>
<td>3000K</td>
<td>0-10V</td>
<td>CEILING</td>
<td>W/BATTERY BACKUP</td>
</tr>
<tr>
<td>L3</td>
<td>1X8</td>
<td>1</td>
<td>50.5</td>
<td>3500K</td>
<td>0-10V</td>
<td>CEILING</td>
<td>SUSPENDED</td>
</tr>
<tr>
<td>L4</td>
<td>CEILING MOUNTED EXAM LIGHT</td>
<td>1</td>
<td>18</td>
<td>UNV</td>
<td>ELECTRONIC DRIVER</td>
<td>CEILING - SURFACE</td>
<td></td>
</tr>
<tr>
<td>L5</td>
<td>1X4</td>
<td>1</td>
<td>31</td>
<td>UNV</td>
<td>ELECTRONIC DRIVER</td>
<td>CEILING - SUSPENDED</td>
<td></td>
</tr>
<tr>
<td>L6</td>
<td>6&quot; OPEN DOWNLIGHT</td>
<td>1</td>
<td>2000</td>
<td>20.5</td>
<td>UNV</td>
<td>DRIVER</td>
<td>CEILING - RECESSED</td>
</tr>
<tr>
<td>L7</td>
<td>WALL MOUNTED INDICATOR LIGHT</td>
<td>1</td>
<td>1.25</td>
<td>UNV</td>
<td>POWER SUPPLY</td>
<td>WALL - SURFACE</td>
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<tr>
<td>EM-1</td>
<td>WALL MOUNTED EMERGENCY LIGHT</td>
<td>1</td>
<td>12</td>
<td>UNV</td>
<td>DRIVER</td>
<td>WALL - SURFACE</td>
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</tr>
</tbody>
</table>

**NOTES:**
1. PROVIDE ALL OPTIONS AND ACCESSORIES REFERENCED AND AS NEEDED BASED ON REVIEW OF ARCHITECTURAL RCP'S, ELEVATIONS AND ACTUAL FIELD CONDITIONS FOR COMPLETE INSTALLATION.
2. SPECIFICATIONS AND DRAWINGS CONVEY THE FEATURES, AND FUNCTIONS OF LUMINAIRES ONLY AND DO NOT SHOW EVERY ITEM OR DETAIL NECESSARY FOR THE WORK.
3. COORDINATE HOUSING TYPE WITH ARCHITECTURAL REFLECTED CEILING PLANS FOR GRID OR GYP. BOARD CEILING MOUNTING OF THE FIXTURES.
4. LAMP COLOR TEMP SHALL BE 3500K UNLESS OTHERWISE NOTED.
5. COORDINATE ALL DIMMING BALLASTS AND DRIVERS WITH SPECIFIED LIGHTING CONTROLS. VERIFY COMPATIBILITY OF DIMMING CIRCUITS AND FIXTURE SELECTION PRIOR TO ORDERING.
6. LIGHTING FIXTURES SHALL BE SUPPORTED FROM SUPPLEMENTAL STRUCTURAL STEEL. COORDINATE WITH LIGHTING FIXTURE MOUNTING DETAIL, ARCHITECTURAL AND STRUCTURAL PLANS.
7. PROVIDE INTEGRAL IN-LINE FUSES FOR ALL LIGHTING FIXTURES.
# AV TERMINATION SCHEDULE

## AV CABLE SCHEDULE

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>MFR</th>
<th>Part #</th>
<th>O.D. (inches)</th>
<th>Color</th>
<th>MAX. CABLE DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIC</td>
<td>24/2 stranded tinned copper conductors, individually shielded with an overall jacket.</td>
<td>WestPenn</td>
<td>DA240</td>
<td>0.182</td>
<td>Grey</td>
<td>N/A</td>
</tr>
<tr>
<td>LINE</td>
<td>24/2 stranded tinned copper conductors, individually shielded with an overall jacket.</td>
<td>WestPenn</td>
<td>DA240</td>
<td>0.182</td>
<td>Grey</td>
<td>N/A</td>
</tr>
<tr>
<td>SPK</td>
<td>14/2 stranded bare copper conductors, unshielded with overall jacket</td>
<td>WestPenn</td>
<td>2260</td>
<td>0.23</td>
<td>Brown</td>
<td>N/A</td>
</tr>
<tr>
<td>UTP</td>
<td>6AF2 23 AWG- 4 pair solid bare copper conductors, shielded with an overall jacket, 750MHz</td>
<td>WestPenn</td>
<td>4246AF</td>
<td>0.303</td>
<td>Black</td>
<td>300 FEET</td>
</tr>
<tr>
<td>SDI</td>
<td>RG6/U – 1 coaxial 18 AWG solid- 100% aluminum foil + 95% tinned copper braid PVC jacket</td>
<td>WestPenn</td>
<td>63500</td>
<td>0.275</td>
<td>Black</td>
<td>300 FEET</td>
</tr>
<tr>
<td>SMF</td>
<td>68.3 um indoor plenum distribution 6 fibers</td>
<td>WestPenn</td>
<td>M9W</td>
<td>0.19</td>
<td>Orange</td>
<td>6500' (10GbE)</td>
</tr>
<tr>
<td>Control</td>
<td>18/4 stranded bare copper conductors, unshielded with overall jacket</td>
<td>WestPenn</td>
<td>2440</td>
<td>0.183</td>
<td>Gray</td>
<td>N/A</td>
</tr>
<tr>
<td>VGA</td>
<td>RGB Video Cable (3) 26 AWG Coax, (9) 26 AWG Data</td>
<td>Extron</td>
<td>MHRVGA</td>
<td>0.33</td>
<td>Black</td>
<td>N/A</td>
</tr>
<tr>
<td>HDMI</td>
<td>For Runs 3'-22': Pre-Terminated High-Speed HDMI Cable</td>
<td>Belden</td>
<td>HD200X</td>
<td>0.85</td>
<td>Black</td>
<td>N/A</td>
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<tr>
<td>HDMI</td>
<td>For Runs Exceeding 22': HDMI Active Digital Ribbon Cabling</td>
<td>FSR</td>
<td>DR-PCB-</td>
<td>0.77</td>
<td>Orange</td>
<td>N/A</td>
</tr>
<tr>
<td>EURO</td>
<td>(2) CAT6 and (6) Digital Audio Lines</td>
<td>LINKUSA</td>
<td>CVS LK6</td>
<td>0.83</td>
<td>Black</td>
<td>300 FEET</td>
</tr>
<tr>
<td>USB</td>
<td>USB 3.0 Optical Cable, A plug to A receptical, 10m</td>
<td>Corning</td>
<td>AOC-ACS</td>
<td>0.20</td>
<td>Black</td>
<td>10M</td>
</tr>
</tbody>
</table>

# TERMINATION BOX CABLE

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Type</th>
<th>Size (WxHxD)</th>
<th>Qty</th>
<th>Group</th>
<th>Type</th>
<th>Qty</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>R99</td>
<td>Classroom AV Equipment Rack (A217)</td>
<td>RACK</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>FSMF62</td>
<td>Campus Network closet</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>R98</td>
<td>Lab Equipment Rack (B222C)</td>
<td>RACK</td>
<td></td>
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</tr>
<tr>
<td>FSMF62</td>
<td>R99</td>
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</tr>
<tr>
<td>JB01</td>
<td>Display LED light integration</td>
<td>Pull box</td>
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</tr>
<tr>
<td>D01</td>
<td>Display Plug Box</td>
<td>NEMA 1</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>D02</td>
<td>Future Display  and Camera Plug Box</td>
<td>NEMA 1</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>L01</td>
<td>Podium AV Plug Box</td>
<td>NEMA 1</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>M01</td>
<td>Microphone Plug Box</td>
<td>NEMA 1</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>O01</td>
<td>Projection Screen Control</td>
<td>NEMA 1</td>
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<tr>
<td>P01</td>
<td>Projector Plug Box</td>
<td>NEMA 1</td>
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<tr>
<td>T01</td>
<td>Wireless Mic Antenna Plug Box</td>
<td>NEMA 1</td>
<td></td>
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</tr>
<tr>
<td>U01</td>
<td>AV Touch Controller</td>
<td>NEMA 1</td>
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<tr>
<td>U02</td>
<td>Display Button Controller</td>
<td>NEMA 1</td>
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</tr>
<tr>
<td>S1</td>
<td>Ceiling Speakers</td>
<td>NEMA 1</td>
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</tr>
<tr>
<td>A11</td>
<td>AV Input Panel</td>
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</tr>
<tr>
<td>D11</td>
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<td>D21</td>
<td>Display Plug Box</td>
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</tr>
<tr>
<td>D31</td>
<td>Display Plug Box</td>
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<tr>
<td>D32</td>
<td>Ceiling Display Plug Box</td>
<td>NEMA 1</td>
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<tr>
<td>S21</td>
<td>Loudspeaker Plug Box</td>
<td>NEMA 1</td>
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</tr>
<tr>
<td>A21</td>
<td>AV Input Panel</td>
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</tr>
<tr>
<td>DUSB2</td>
<td>Raceway &amp; rough in as part of base bid</td>
<td></td>
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</tr>
<tr>
<td>D31</td>
<td>Display Plug Box</td>
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<tr>
<td>D32</td>
<td>Ceiling Display Plug Box</td>
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<tr>
<td>S21</td>
<td>Loudspeaker Plug Box</td>
<td>NEMA 1</td>
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<td>Instructor Input Panel</td>
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<td>D41</td>
<td>Display Plug Box</td>
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<td>Ultrasound Plug Box</td>
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<tr>
<td>A43</td>
<td>Anatomage Table Plug Box</td>
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<td>S41</td>
<td>Surface Mounted Speakers</td>
<td>NEMA 1</td>
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**FOR REFERENCE ONLY**

ELECTRICAL CONTRACTOR TO REFERENCE EA SERIES FOR CONDUIT SIZING, BACKBOX TYPES AND DEVICE LOCATION. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONDUIT AND BACKBOX FOR AV EQUIPMENT. AV SYSTEM WILL BE INSTALLED BY AV VENDOR UNDER A SEPARATE CONTRACT.
LOW VOLTAGE ENTRY BY AV CONTRACTOR
AC OUTLET BY EC TYP.
CHIEF PAC-526-FCW
MOUNTED INSIDE INCLUDES:
(1) ENCODER
(1) DECODER
(1) TV ONE SWITCHER
(1) MERSIVE UNIT
FLAT PANEL WALL MOUNT
FLAT PANEL DISPLAY
5"
CONDUIT FOR HDMI CABLE
AV INPUT PANEL
LOW VOLTAGE ENTRY BY AV CONTRACTOR
AC OUTLET BY EC TYP.
CHIEF PAC-526-FCW BACK BOX
FLAT PANEL WALL MOUNT
FLAT PANEL DISPLAY
5"
DISPLAY PLUG BOX.
LOOSE EQUIPMENT MOUNTED BEHIND DISPLAY
FLAT PANEL WALL MOUNT
FLAT PANEL DISPLAY
5"
CEILING MOUNTED PROJECTOR DETAIL
THREADED ROD TO STRUCTURE
CEILING PROJECTOR MOUNT
CEILING, SEE ARCH.
SHORT THROW PROJECTOR
2-GANG JUNCTION BOX MOUNTED AT CEILING OR OTHER STRUCTURE
MAX 6 FOOT FLEX CONDUIT (PER CODE)
ABLE TO REACH CEILING MOUNTED DEVICE
LOCATION OF CEILING MOUNTED AV DEVICE
CEILING, SEE ARCH.
SPEAKER DIMENSIONS
MODEL
HOLE CUTOUT DIAMETER (A)
BEZEL DIAMETER (B)
JBL CONTROL 47C/T11.1"12"
SAFETY LOOP
ANCHORED TO DECK
SURFACE MOUNTED LOUDSPEAKER
2-GANG JUNCTION BOX
MANUFACTURER'S WALL BRACKET
LOCATION OF CEILING MOUNTED DEVICE
TOUCH PANEL
LOCATION TBD
PODIUM RACK, SEE DETAIL ON EA303
FINAL LOCATION OF DOCUMENT CAMERA TBD
PODIUM INPUT PANEL
(A02) LOCATION TBD
ROOM A200A DISPLAY DETAIL
ANATOMAGE DISPLAY DETAIL
A200B/C, A209, B216 DISPLAY DETAIL
ANATOMY DISPLAY DETAIL
CEILING MOUNTED DISPLAY DETAIL
CEILING MOUNTED PROJECTION SCREEN DETAIL
CEILING MOUNTED PROJECTION DETAIL
CEILING RECESSED LOUDSPEAKER DETAIL
LECTERN DETAIL
GENERAL NOTES:
1. DETAILS ARE CONCEPTUAL, DRAWINGS SHOW DESIGN INTENT ONLY.
2. FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
ANATOMAGE TABLE DETAIL

(2) DISPLAY PORT TO HDMI CONVERTERS MOUNTED TO THE UNDERSIDE BY 3M OUTDOOR DOUBLE SIDED TAPE.

HDMI CABLE RUN TO PLUG BOX (A43)

GENERAL NOTES:
1. DETAILS ARE CONCEPTUAL, DRAWINGS SHOW DESIGN INTENT ONLY.
2. FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
RESISTORS, CAPACITORS AND OTHER DEVICES FOR PROPER INSTALLATION, INTERFACE, ISOLATION OR GAIN STRUCTURE.

6. FURNISH ANY ADDITIONAL ITEMS, NOT SPECIFICALLY MENTIONED HEREIN, TO MEET GOOD ENGINEERING PRACTICE, WITHOUT CLAIM FOR ADDITIONAL PAYMENT. SUCH ITEMS MAY INCLUDE HARDWARE, TRANSFORMERS, TERMINAL STRIPS, CONNECTORS, PANELS, QUICK CONNECTS, AND OTHER ITEMS OF SIMILAR NATURE.

5.5. EACH PERMANENT RACK SHALL HAVE A MINIMUM OF ONE (1) UNUSED RECEPTACLE PER CIRCUIT.

5.6. EACH PORTABLE RACK SHALL HAVE A MINIMUM OF TWO (2) UNUSED RECEPTACLES.

5.1. PLUG STRIPS ARE NOT ACCEPTABLE.

5.2. PERMANENT AUDIO & VIDEO EQUIPMENT RACKS SHALL BE HARDWIRED AND TERMINATED PERMANENTLY TO THE PDPS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERING AND TERMINATING THE SPECIFIED CTP CIRCUITS TO THE EQUIPMENT RACKS.

5.3. ALL EQUIPMENT RACKS SHALL BE INSTALLED LEVEL AND SQUARE, PERMITTED BY THE CODE. SUBMIT DRAWINGS DETAILING THE PLACEMENT OF THE RACKS COORDINATED WITH ALL OTHER FURNITURE, FIXTURES, AND PANELS.

5.4. ALL EQUIPMENT RACKS SHALL BE CONSIDERED CUSTOM ASSEMBLIES AND SHALL BE FABRICATED AND TESTED AT THE CONTRACTOR'S FACILITY PRIOR TO INSTALLATION AT THE SITE.

4.3. ALL EQUIPMENT RACKS SHALL BE ELECTRICALLY ISOLATED FROM THE FLOOR WITH A RUBBER ISOLATION PAD.

4.4. ALL EQUIPMENT RACKS SHALL BE HARDWIRED TO THE APPROPRIATE PANELS AND TERMINATED TO THE SPECIFIED CIRCUITS AND INTERCONNECTED TO THE DEVICES UTILIZED IN THE SYSTEM.

4.7. ALL NON-USER-CONTROLLED EQUIPMENT SHALL BE SUPPLIED WITH SECURITY COVERS TO AVOID TAMPERING OF PRESET LEVELS.

2.1. ALL EQUIPMENT SHALL BE PLACED IN THE RACK WITH REGARD TO LOGICAL SIGNAL FLOW, EMI, PROPER VENTILATION AND OPERATOR CONVENIENCE. SUBMIT ANY CHANGES TO THE BID SPECIFICATION RACK ELEVATIONS FOR APPROVAL AS PART OF THE SHOP DRAWING SUBMITTAL.

2. ALL EQUIPMENT SHOWN IN THE RACK ELEVATION DRAWINGS IS PLACED FOR PROPER OPERATOR CONVENIENCE. SUBMIT ANY CHANGES FOR CONSULTANT APPROVAL WITH THE SHOP DRAWING SUBMITTAL.

1. FIELD VERIFY BOX SIZE AND ORIENTATION PRIOR TO SUBMITTAL AND FABRICATION OF PANELS.

1.2. POWER DETAILS (GROUNDING, CIRCUITING, DISTRIBUTION, AND SEQUENCING)

SUBMIT SHOP DRAWINGS DETAILING:

- CIRCUIT INFO: CURRENT
- CIRCUIT INFO: POWER
- SEQ CKT
- AV RACK ELEVATION NOTES

- RJ45 JACKS
- CAT5E UNSHIELDED INSERT:
- CAT6 SHIELDED INSERT:
- CAT6A UNSHIELDED INSERT:

- DECORA OUTLET FRAME:
- DECORA
- LINK USA (LK)LKG 24/2E6 FV
- LINK USA (LK)LKG 24/2E6 MV

- LECHLEITER HUBBELL FOUR-WIRE 24/2A FV
- LECHLEITER HUBBELL FOUR-WIRE 24/2A MV

- XLR - MALE
- XLR - FEMALE

- FEMALE RCA - SOLDER
- FEMALE RCA - TOOL-FREE IDC TERMINAL

- HUBBELL SFBxx (COLOR TO MATCH)
- HXJ5Exx (x = COLOR, PKG QTY)
- HXJ6xx (x = COLOR, PKG QTY)
- SJ5Exx (x = PKG QTY, A/B WIRING)
- SJ6xx (x = PKG QTY, A/B WIRING)

- MM8Axx (NEMA TYPE)
- HJ6Axx (x = PKG QTY)

- ETHERCON - CAT6
- ETHERCON - CAT6A

- NL4 3-Pole Receptacle, Black metal housing
- Phono socket, solder contacts
- Push tool-free IDC terminal, shielded, IDC termination, black

- 19" RACKMOUNT DEVICE - 2RU2 1

- 120V 20A 5-20R
- 240V 30A 6-30R

- NUMERAL INDICATES STEP NUMBER IN CONNECTIONS

- BLANK
ANATOMY LAB SIGNAL FLOW