



# Sample Drawings

By Analytix AV Solutions



| SHEET NO. |                    | ISSUE LOG |  |  |  |  |  | ROOM                                      | DRAWING DESCRIPTION   |  |
|-----------|--------------------|-----------|--|--|--|--|--|---|---|--|
| AV.C01    | REVIEW<br>03.20.17 |           |  |  |  |  |  | --  | COVER PAGE, RESPONSIBILITY SCHEDULE, GENERAL NOTES, & SYMBOL LEGEND |  |
|           |                    |           |  |  |  |  |  | MULTI PURPOSE ROOM 1167 & 1168            | AV SYSTEM FLOW DIAGRAM  |  |
|           |                    |           |  |  |  |  |  | MULTI PURPOSE ROOM 1167 & 1168            | AV ELECTRICAL RISER, RACK ELEVATION & POWER RISER DIAGRAMS          |  |
|           |                    |           |  |  |  |  |  | ROOMS 1139, 1170, 1182, 3001, 3154 & 3155 | AV SYSTEM FLOW & ELECTRICAL RISER DIAGRAM                           |  |
|           |                    |           |  |  |  |  |  | 1ST FLOOR                                 | AV KEY PLAN   |  |
|           |                    |           |  |  |  |  |  | LARGE CONFERENCE ROOM 1139                | AV EQUIPMENT & ELECTRICAL PLANS & ELEVATIONS                        |  |
|           |                    |           |  |  |  |  |  | MPR ROOMS 1167 & 1168                     | AV EQUIPMENT & ELECTRICAL PLANS                                     |  |
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| AV.F01    | REVIEW<br>03.20.17 |           |  |  |  |  |  | 3RD FLOOR                                 | AV KEY PLAN   |  |
|           |                    |           |  |  |  |  |  | LARGE CONFERENCE ROOM 3001                | AV EQUIPMENT & ELECTRICAL PLANS                                     |  |
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| AV.F02    | REVIEW<br>03.20.17 |           |  |  |  |  |  |   |   |  |
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| WALL  |  | CEILING  |               | FLOOR   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
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| <div><div>AV1</div><div>1-GANG JUNCTION BOX OR MUD RING</div><div>JXXX</div></div> <div><div>AV2</div><div>2-GANG JUNCTION BOX OR MUD RING</div><div>JXXX</div></div> <div><div>AV3</div><div>3-GANG JUNCTION BOX OR MUD RING</div><div>JXXX</div></div> <div><div>AV4</div><div>4-GANG JUNCTION BOX OR MUD RING</div><div>JXXX</div></div> <div><div>WB</div><div>WALL BOX</div><div>JXXX</div></div> <div><div>CATV</div><div>CABLE TV</div><div>JXXX</div></div> <div><div>VOICE/DATA PORT @ WALL</div></div> <div><div>POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A</div></div> <div><div>POWER RECEPTACLE @ WALL, QUAD, 120V/20A</div></div> <div><div>POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A</div></div> <div><div>HARDWIRED AC POWER</div></div>  | <div><div>P1</div><div>PULL AREA AT PROJECTOR LOCATION</div></div> <div><div>F1</div><div>PULL AREA AT FLAT PANEL DISPLAY LOCATION</div></div> <div><div>M1</div><div>CEILING MOUNTED MICROPHONE PROVIDED BY AVC</div></div> <div><div>S1</div><div>CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION</div></div> <div><div>C1</div><div>CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION</div></div> <div><div>W1</div><div>CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION</div></div> <div><div>SCREEN LOW VOLTAGE INTERFACE WITH, MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING.</div></div> <div><div>PS1</div><div>PULL AREA AT PARTITION SENSOR LOCATION</div></div> <div><div>OS1</div><div>PULL AREA AT OCCUPANCY SENSOR LOCATION</div></div> <div><div>A1</div><div>PULL AREA AT ANTENNA LOCATION</div></div> <div><div>VOICE/DATA PORT @ CEILING</div></div> <div><div>POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A</div></div> <div><div>POWER RECEPTACLE @ CEILING, QUAD, 120V/20A</div></div> | <div><div>FB1</div><div>AV FLOOR BOX</div></div> <div><div>PT1</div><div>AV POKE THRU</div></div> <div><div>SB1</div><div>CONDUIT STUB UP</div></div> <div><div>FC1</div><div>AV FLOOR CORE</div></div> <div><div>AVT1</div><div>AV FLOOR TRACK</div></div> <div><div>VOICE/DATA PORT @ FLOOR</div></div> <div><div>POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A</div></div> <div><div>POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A.</div></div> |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| JUNCTION BOX SYMBOL LEGEND  |  | SPEAKER SYMBOL LEGEND  |               | A/V ELECTRICAL NOTES  |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| <div><div>ALPHABET INDICATING SIZE OF CONDUIT STUBBED INTO ACCESSIBLE CEILING OR UNDER FLOOR. SEE AV ELECTRICAL NOTES FOR EXACT CONDUIT SIZE.</div><div><div>JUNCTION BOX NUMBER, CORRESPONDING WITH CONDUIT RISER AND CABLE PULL SCHEDULE</div></div><div><div>AV1</div><div>JXXX</div></div></div>  |  | <div><div>SPEAKER NUMBER</div><div><div>S1</div><div>ZONE1</div><div>ZONE NUMBER</div></div></div>   |               | <div><div>1/2" CONDUIT STUBBED INTO ACCESSIBLE CEILING</div><div>2" CONDUIT STUBBED INTO ACCESSIBLE CEILING</div><div>3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING</div><div>1" CONDUIT STUBBED INTO ACCESSIBLE CEILING</div><div>1 1/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING</div><div>1 1/2" CONDUIT STUBBED INTO ACCESSIBLE CEILING</div><div>CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING</div></div>   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| GENERAL NOTES   |  |  |               | RESPONSIBILITY SCHEDULE   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| <div>GENERAL ELECTRICAL NOTES:</div> <div><div>120VAC SERVICES FOR EQUIPMENT RACKS AND VIDEO PROJECTORS TO SHARE THE SAME PHASE</div><div>ALL TELE/DATA, NETWORK AND 120VAC CONVENIENCE OUTLETS INDICATED ON THESE DRAWINGS ARE FOR COORDINATION PURPOSES ONLY. REFER TO COMMUNICATIONS AND POWER PLANS FOR FULL TELE/DATA, NETWORK AND ELECTRICAL REQUIREMENTS.</div><div>REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL LIGHTING CONTROL STATION LOCATIONS, 120VAC REQUIREMENTS AND LIGHTING REQUIREMENTS.</div><div>COORDINATE FINAL LOCATIONS OF SWITCHES, AV-PLATES AND J-BOXES WITH WALL TREATMENT AND SURFACES.</div><div>ANY DISCREPANCIES OCCURRING BETWEEN THESE DOCUMENTS AND ELECTRICAL DOCUMENTS ARE TO BE REFERRED TO THE ARCHITECT.</div><div>ALL AC OUTLETS INDICATED ON THESE DRAWINGS ARE FOR AV PURPOSES. FOR ALL OTHER AC NEEDS, REFER TO POWER PLANS.</div><div>FINAL LOCATION AND COORDINATION OF ALL FLOOR BOXES TO BE VERIFIED IN FIELD WITH ARCHITECT PRIOR TO INSTALLATION.</div><div>REFER TO ELECTRICAL DRAWINGS FOR ALL POWER CIRCUITRY.</div><div>UNLESS SPECIFIED, JUNCTION BOXES SHALL BE SIZED AS REQUIRED BY THE ELECTRICAL CONTRACTOR.</div><div>AV DRAWINGS, COMMUNICATIONS DRAWINGS, POWER PLAN DRAWINGS AND ARCHITECTURAL DRAWINGS SHOULD BE CAREFULLY REVIEWED SIMULTANEOUSLY TO AVOID UNDER-COUNTING OR OVER-COUNTING DEVICES AND MIS-LOCATING DEVICES.</div><div>QUANTITIES GIVEN ON AV DETAIL PAGES AND AV ROOM SCHEDULE DRAWING (IF APPLICABLE) MUST BE CONFIRMED BY EACH DISCIPLINE WHEN REVIEWING THE AV DRAWINGS. THE QUANTITIES GIVEN ARE PRELIMINARY AND MAY NOT REFLECT ALL LAST MINUTE CHANGES. ANY DISCREPANCIES SHOULD BE REVIEWED WITH THE OWNER.</div></div> |  |  |               | <table><tr><th colspan="3">SUPPLIED BY:</th><th colspan="3">INSTALLED BY:</th></tr><tr><td>G.C.</td><td>E.C.</td><td>T/D.C.</td><td>CLIENT</td><td>AV C.</td><td>N/A</td></tr></table> <div>CEILING MOUNTED EQUIPMENT</div> <table><tr><td>EQUIPMENT HARD POINTS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PROJECTION SCREENS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PROJECTOR/DISPLAY MOUNTS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PROJECTOR/DISPLAY:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SPEAKER HARDWARE &amp; BACKBOX:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CEILING MICROPHONES:</td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>WALL MOUNTED EQUIPMENT</div> <table><tr><td>ALL SPECIFIED BLOCKING:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FLAT PANEL MOUNTS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FLAT PANEL DISPLAYS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PROGRAM SPEAKERS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CAMERAS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PROJECTION SCREENS:</td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>ELECTRICAL (FOR AV USE)</div> <table><tr><td>ALL AV ELECTRICAL OUTLETS AND JUNCTION BOXES:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>AV ELECTRICAL CONDUITS &amp; PULL STRINGS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FLOOR BOX AND ACCESSORIES:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>AV LOW VOLTAGE CABLES:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>ALL AV CONNECTORS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>ALL AV WALL PLATES:</td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>VOICE &amp; DATA NETWORK (FOR AV USE)</div> <table><tr><td>ALL TELECOMMUNICATION PLATES:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>IP/NETWORK CONFIGURATION FOR AV CONTROL:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>IP/NETWORK CONFIGURATION FOR VIDEO CONFERENCING:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>VoIP/SIP CONFIGURATION FOR AUDIO CONFERENCING:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>POTS/ANALOG TELEPHONE SERVICE &amp; TERMINATION:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>WIRELESS ACCESS POINT FOR AV:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>ALL COAX RF PLATES/CABLE/CONNECTIONS:</td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>LIGHTING DIMMING SYSTEMS</div> <table><tr><td>LIGHTING DIMMING EQUIPMENT:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>LIGHTING DIMMING LVC FOR AV INTERFACE:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>LIGHTING DIMMING LVC PROGRAMMED:</td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>MOTORIZED DRAPES/SHADES</div> <table><tr><td>DRAPERY/SHADE MOTOR:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>DRAPERY/SHADE MOTOR LVC:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>DRAPERY/SHADE MOTOR LVC CABLE TERMINATED:</td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>PERMANENT FURNISHINGS</div> <table><tr><td>MILLWORK/TABLE PENETRATIONS &amp; MODIFICATIONS:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CREDENZA VENTILATION:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>EQUIPMENT RACKS FOR MILLWORK:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>AV EQUIPMENT RACKS</td><td></td><td></td><td></td><td></td><td></td></tr></table> |     | SUPPLIED BY: |  |  | INSTALLED BY: |  |  | G.C. | E.C. | T/D.C. | CLIENT | AV C. | N/A | EQUIPMENT HARD POINTS: |  |  |  |  |  | PROJECTION SCREENS: |  |  |  |  |  | PROJECTOR/DISPLAY MOUNTS: |  |  |  |  |  | PROJECTOR/DISPLAY: |  |  |  |  |  | SPEAKER HARDWARE & BACKBOX: |  |  |  |  |  | CEILING MICROPHONES: |  |  |  |  |  | ALL SPECIFIED BLOCKING: |  |  |  |  |  | FLAT PANEL MOUNTS: |  |  |  |  |  | FLAT PANEL DISPLAYS: |  |  |  |  |  | PROGRAM SPEAKERS: |  |  |  |  |  | CAMERAS: |  |  |  |  |  | PROJECTION SCREENS: |  |  |  |  |  | ALL AV ELECTRICAL OUTLETS AND JUNCTION BOXES: |  |  |  |  |  | AV ELECTRICAL CONDUITS & PULL STRINGS: |  |  |  |  |  | FLOOR BOX AND ACCESSORIES: |  |  |  |  |  | AV LOW VOLTAGE CABLES: |  |  |  |  |  | ALL AV CONNECTORS: |  |  |  |  |  | ALL AV WALL PLATES: |  |  |  |  |  | ALL TELECOMMUNICATION PLATES: |  |  |  |  |  | IP/NETWORK CONFIGURATION FOR AV CONTROL: |  |  |  |  |  | IP/NETWORK CONFIGURATION FOR VIDEO CONFERENCING: |  |  |  |  |  | VoIP/SIP CONFIGURATION FOR AUDIO CONFERENCING: |  |  |  |  |  | POTS/ANALOG TELEPHONE SERVICE & TERMINATION: |  |  |  |  |  | WIRELESS ACCESS POINT FOR AV: |  |  |  |  |  | ALL COAX RF PLATES/CABLE/CONNECTIONS: |  |  |  |  |  | LIGHTING DIMMING EQUIPMENT: |  |  |  |  |  | LIGHTING DIMMING LVC FOR AV INTERFACE: |  |  |  |  |  | LIGHTING DIMMING LVC PROGRAMMED: |  |  |  |  |  | DRAPERY/SHADE MOTOR: |  |  |  |  |  | DRAPERY/SHADE MOTOR LVC: |  |  |  |  |  | DRAPERY/SHADE MOTOR LVC CABLE TERMINATED: |  |  |  |  |  | MILLWORK/TABLE PENETRATIONS & MODIFICATIONS: |  |  |  |  |  | CREDENZA VENTILATION: |  |  |  |  |  | EQUIPMENT RACKS FOR MILLWORK: |  |  |  |  |  | AV EQUIPMENT RACKS |  |  |  |  |  |
| SUPPLIED BY:  |  |  | INSTALLED BY: |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| G.C.  | E.C.   | T/D.C.   | CLIENT        | AV C.   | N/A |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| EQUIPMENT HARD POINTS:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| PROJECTION SCREENS:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| PROJECTOR/DISPLAY MOUNTS:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| PROJECTOR/DISPLAY:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| SPEAKER HARDWARE & BACKBOX:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| CEILING MICROPHONES:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| ALL SPECIFIED BLOCKING:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| FLAT PANEL MOUNTS:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| FLAT PANEL DISPLAYS:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| PROGRAM SPEAKERS:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| CAMERAS:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| PROJECTION SCREENS:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| ALL AV ELECTRICAL OUTLETS AND JUNCTION BOXES:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| AV ELECTRICAL CONDUITS & PULL STRINGS:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| FLOOR BOX AND ACCESSORIES:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| AV LOW VOLTAGE CABLES:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| ALL AV CONNECTORS:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| ALL AV WALL PLATES:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| ALL TELECOMMUNICATION PLATES:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| IP/NETWORK CONFIGURATION FOR AV CONTROL:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| IP/NETWORK CONFIGURATION FOR VIDEO CONFERENCING:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| VoIP/SIP CONFIGURATION FOR AUDIO CONFERENCING:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| POTS/ANALOG TELEPHONE SERVICE & TERMINATION:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| WIRELESS ACCESS POINT FOR AV:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| ALL COAX RF PLATES/CABLE/CONNECTIONS:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| LIGHTING DIMMING EQUIPMENT:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| LIGHTING DIMMING LVC FOR AV INTERFACE:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| LIGHTING DIMMING LVC PROGRAMMED:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| DRAPERY/SHADE MOTOR:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| DRAPERY/SHADE MOTOR LVC:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| DRAPERY/SHADE MOTOR LVC CABLE TERMINATED:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| MILLWORK/TABLE PENETRATIONS & MODIFICATIONS:  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| CREDENZA VENTILATION:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| EQUIPMENT RACKS FOR MILLWORK:   |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |
| AV EQUIPMENT RACKS  |  |  |               |   |     |              |  |  |               |  |  |      |      |        |        |       |     |                        |  |  |  |  |  |                     |  |  |  |  |  |                           |  |  |  |  |  |                    |  |  |  |  |  |                             |  |  |  |  |  |                      |  |  |  |  |  |                         |  |  |  |  |  |                    |  |  |  |  |  |                      |  |  |  |  |  |                   |  |  |  |  |  |          |  |  |  |  |  |                     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |                        |  |  |  |  |  |                    |  |  |  |  |  |                     |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |                                       |  |  |  |  |  |                             |  |  |  |  |  |  |  |  |  |  |  |                                  |  |  |  |  |  |                      |  |  |  |  |  |                          |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |                               |  |  |  |  |  |                    |  |  |  |  |  |

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

COVER PAGE

ORIGINAL

THIS DRAWING IS THE PROPERTY OF XYZ AV COMPANY AND MAY NOT BE REPRODUCED OR DISTRIBUTED WITHOUT WRITTEN AUTHORIZATION.

| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
| --   | --       | --          |
| --   | --       | --          |
| --   | --       | --          |
| --   | --       | --          |
| --   | --       | --          |

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:

REVIEW

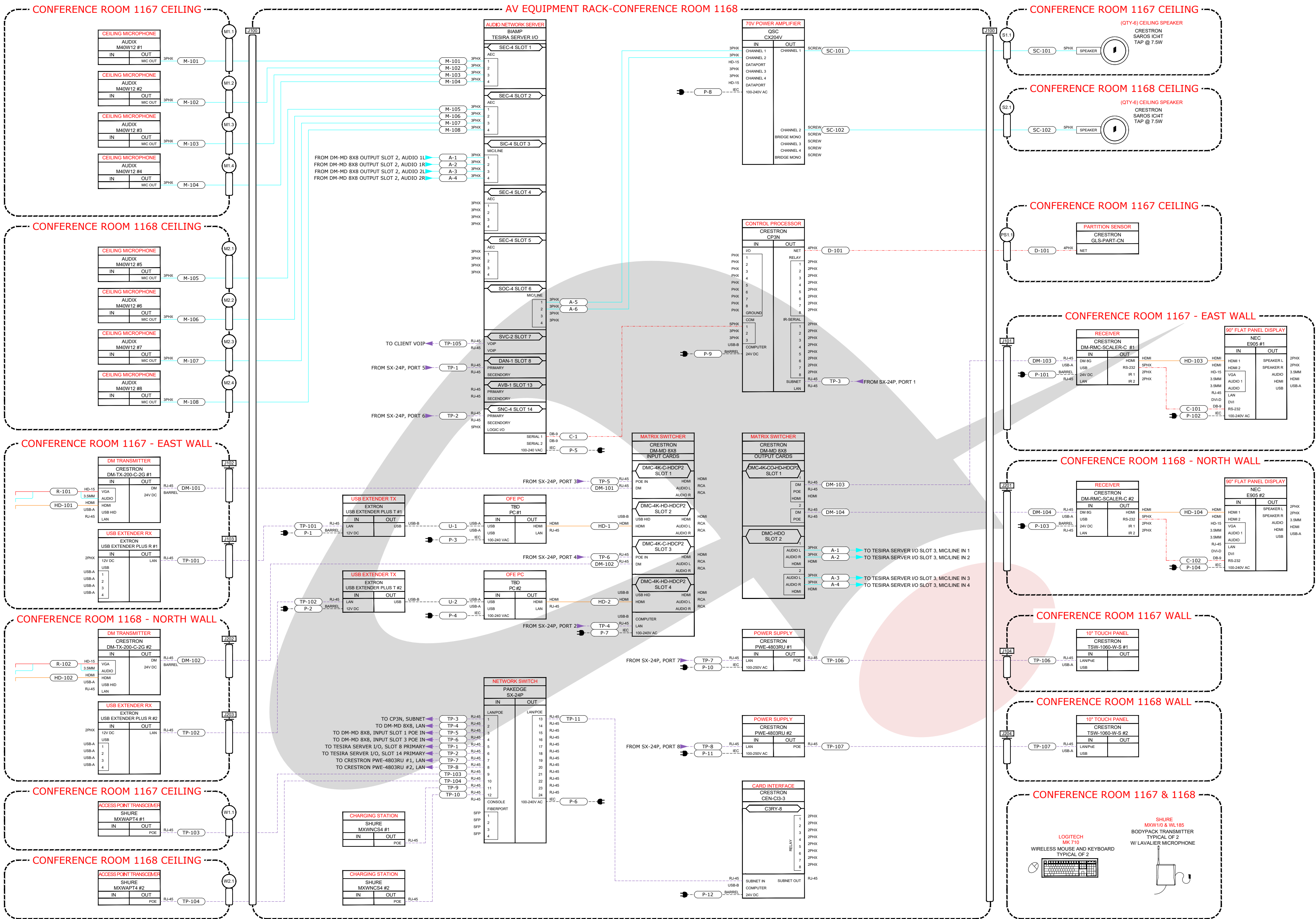
COORDINATION

CONSTRUCTION

AS-BUILT

DRAWING NUMBER:

AV.C01



CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

DESCRIPTION

AV SYSTEM FLOW DIAGRAM  
- MULTI PURPOSE ROOM  
1167 & 1168

ORIGINAL

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REV. DATE DESCRIPTION

0 03-20-17 REVIEW

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:

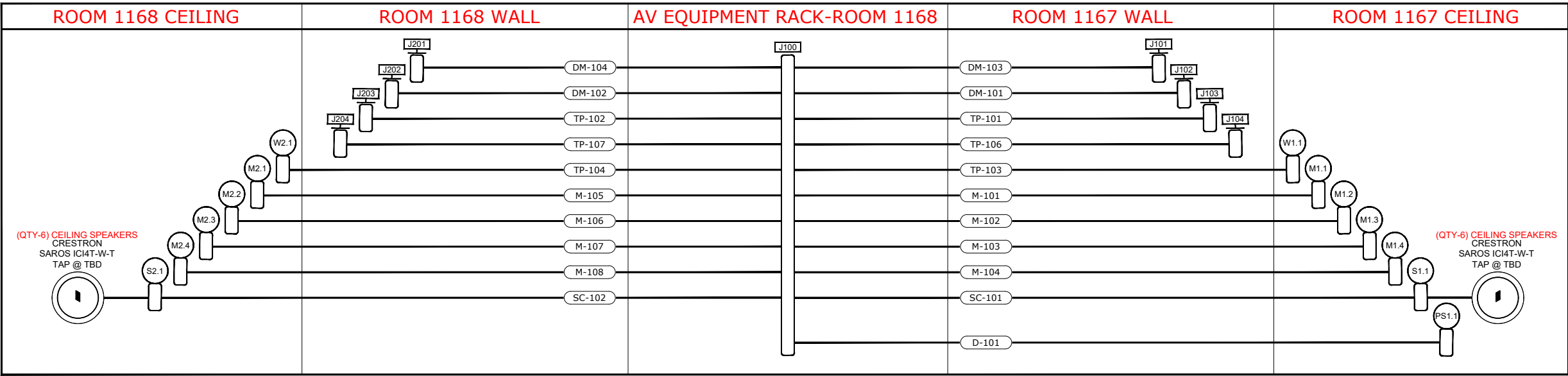
REVIEW COORDINATION

CONSTRUCTION AS-BUILT

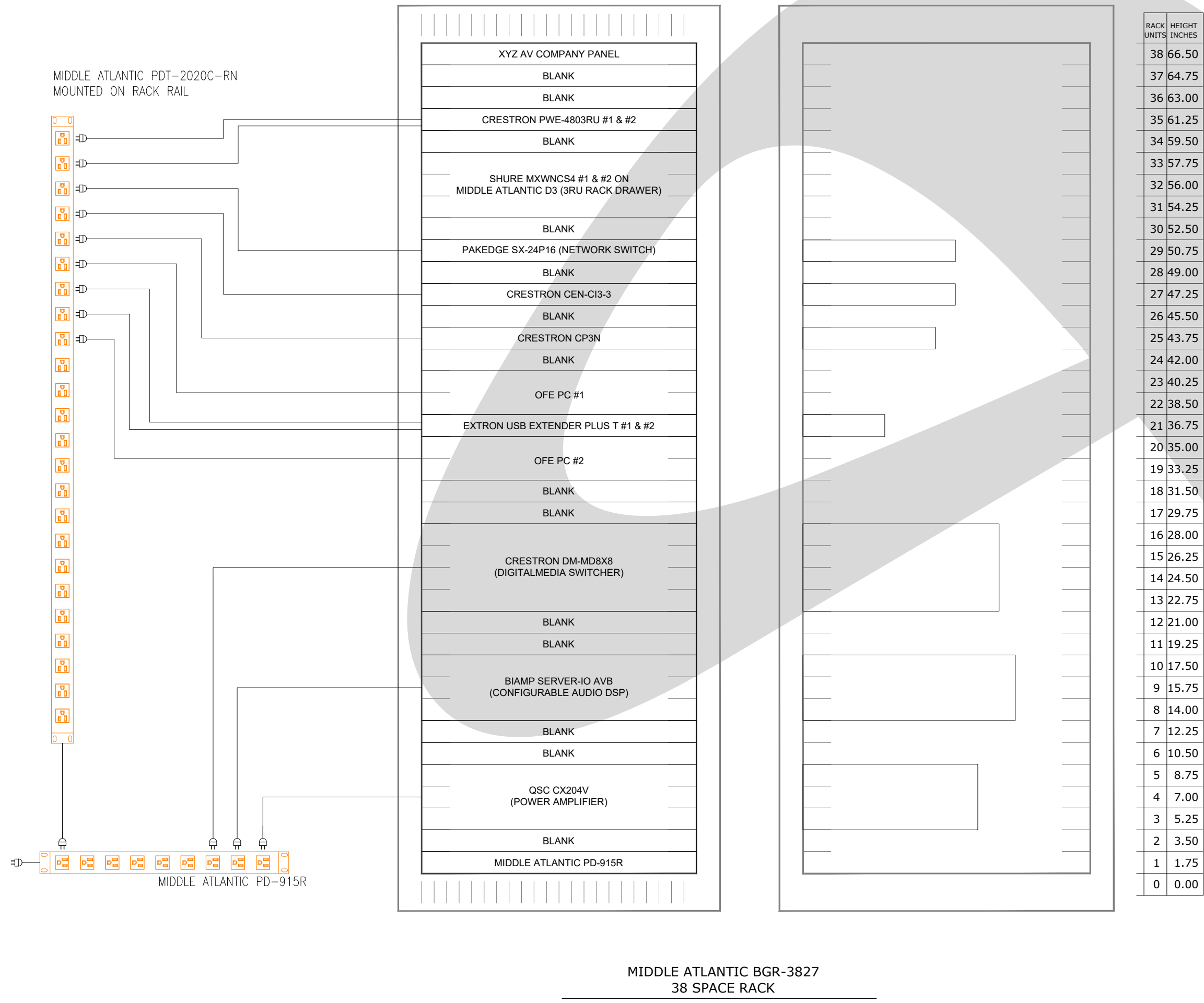
DRAWING NUMBER:

AV.F01





A AUDIOVISUAL ELECTRICAL RISER DIAGRAM  
SCALE:N.T.S.



B AUDIO VISUAL RACK ELEVATION & POWER RISER DIAGRAM  
SCALE:N.T.S.

AV CABLES LEGEND

RGBHV

R-100

C-VID

V-100

HDMI/DP

HD-100

DVI

DVI-100

MIC

M-100

AUDIO

A-100

SPEAKER(4/8Ω)

S-100

SPEAKER(70V)

SC-100

CONTROL

C-100

CRESNET

D-100

TWISTED PAIR

TP-100

SHIELDED TP

STP-100

DM CABLE

DM-100

USB

U-100

POWER

P-100

BNC CABLE

RF-100

| CABLE SCHEDULE |   |                |                             |                     |
|----------------|---|----------------|-----------------------------|---------------------|
| CODE           | TYPE                                      | OUTER DIAMETER | CABLE FUNCTION              | MANF. & CAT. #      |
| R              | 5SHCOND/26GA/PL/75OHM/BLACK               | 0.320"         | Computer Video              | WC 9RGBSSSTRPLN     |
| V              | 1 COND/25GA/BR/PL/BLACK                   | 0.198"         | Analog Video                | WEST PENN 6350      |
| HD             | PRE-MADE HDMI OR DISPLAY PORT CABLE       | PER CABLE      | HD DIGITAL SIGNAL           | PER CABLE           |
| DVI            | PRE-MADE DVI CABLE                        | PER CABLE      | HD DIGITAL SIGNAL           | PER CABLE           |
| M              | 2 COND/20GA/SH/DR/PL/WHITE                | 0.126"         | Microphone Level Audio      | WEST PENN 291       |
| A              | 2 COND/20GA/SH/DR/PL/WHITE                | 0.126"         | Line Level Audio            | WEST PENN 292       |
| SC             | 2 COND/18GA/PL/WHITE                      | 0.158"         | 70v Speaker Chain           | WEST PENN 224       |
| S              | 2 COND/14GA/PL/WHITE                      | 0.210"         | Direct Couple Speaker       | WEST PENN 226       |
| C              | 6COND/22GA/SH/DR/PL/WHITE                 | 0.163"         | RS-232, IR, 4-pin Audio     | WEST PENN D2404     |
| TP             | 8COND(4P)/23GA/CAT6/PL/WHITE              | 0.215"         | Data/LAN                    | WEST PENN 4246      |
| STP            | 8COND(4P)/23GA/CAT6/SH/DR/PL/WHITE        | 0.277"         | HDBaseT                     | WEST PENN 4246F     |
| DM             | CRESTRON DIGITAL MEDIA SHIELDED CAT CABLE | .244"          | Digital Media               | CRESTRON CRESNET-NP |
| U              | PRE-MADE USB CABLE                        | PER CABLE      | HID                         | PER CABLE           |
| P              | EQUIPMENT SPECIFIC POWER LINE             | PER CABLE      | Power To Device             | PER CABLE           |
| D              | 4COND(2P/SH)/18GA/DR/PL/TEAL&YELLOW       | 0.217"         | Cresnet                     | CRESTRON CRESNET-NP |
| RF             | 1COND/10GA/BR/PL/50 OHM/WHITE             | 0.349"         | Long Distance Antenna Cable | WEST PENN 810       |

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV ELECTRICAL RISER,  
RACK ELEVATION &  
POWER RISER DIAGRAMS  
- MULTI PURPOSE ROOM  
1167 & 1168

ORIGINAL

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| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:

REVIEW

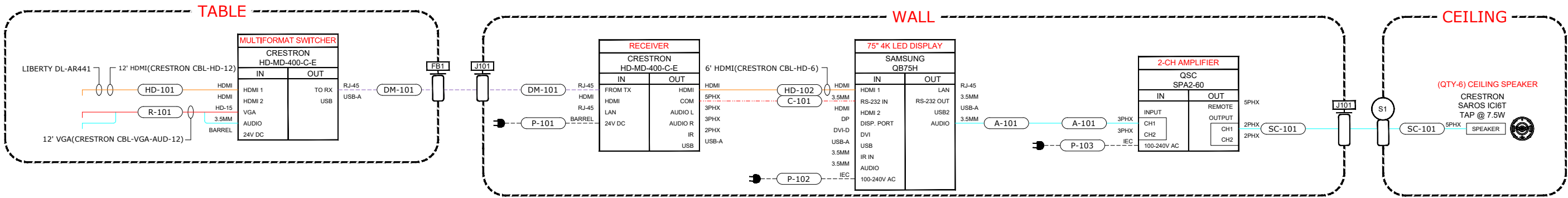
COORDINATION

CONSTRUCTION

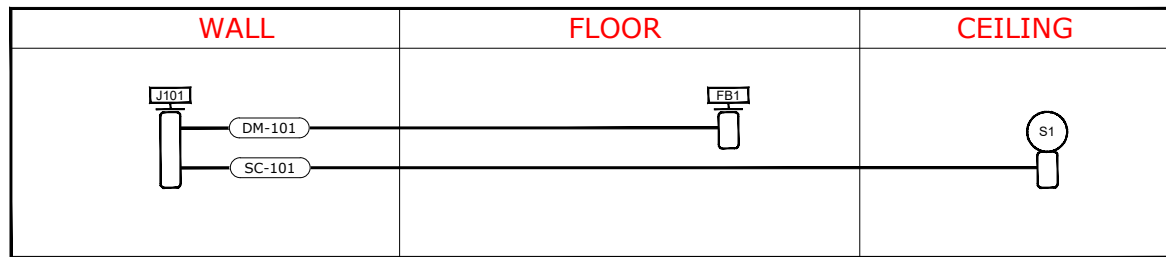
AS-BUILT

DRAWING NUMBER:

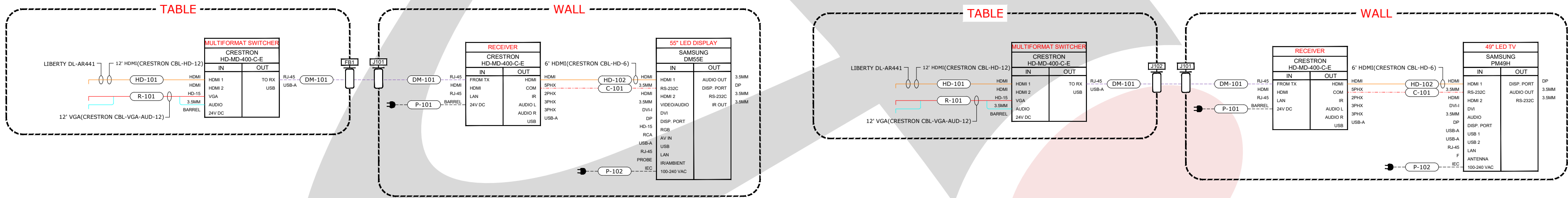
AV.F02



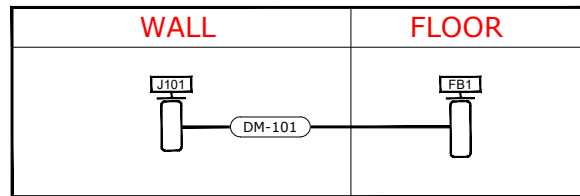
A AUDIO VISUAL SYSTEM FLOW DIAGRAM (LARGE CONFERENCE 1139,1170 & 3001)  
SCALE:N.T.S.



B AUDIOVISUAL ELECTRICAL RISER DIAGRAM (LARGE CONFERENCE 1139,1170 & 3001)  
SCALE:N.T.S.

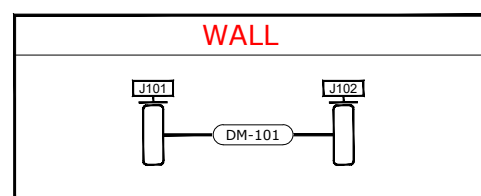


C AUDIO VISUAL SYSTEM FLOW DIAGRAM (MEDIUM CONF. 1182 & 3154)  
SCALE:N.T.S.



D AUDIOVISUAL ELECTRICAL RISER DIAGRAM (MEDIUM CONF. 1182 & 3154)  
SCALE:N.T.S.

E AUDIO VISUAL SYSTEM FLOW DIAGRAM (SMALL CONF. 3155)  
SCALE:N.T.S.



F AUDIOVISUAL ELECTRICAL RISER DIAGRAM (SMALL CONF. 3155)  
SCALE:N.T.S.

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV SYSTEM FLOW &  
ELECTRICAL RISER  
DIAGRAM  
- ROOMS 1139, 1170, 1182,  
3001, 3154 & 3155

ORIGINAL

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| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
| 1    |          |             |
| 2    |          |             |
| 3    |          |             |
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| 7    |          |             |
| 8    |          |             |
| 9    |          |             |

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

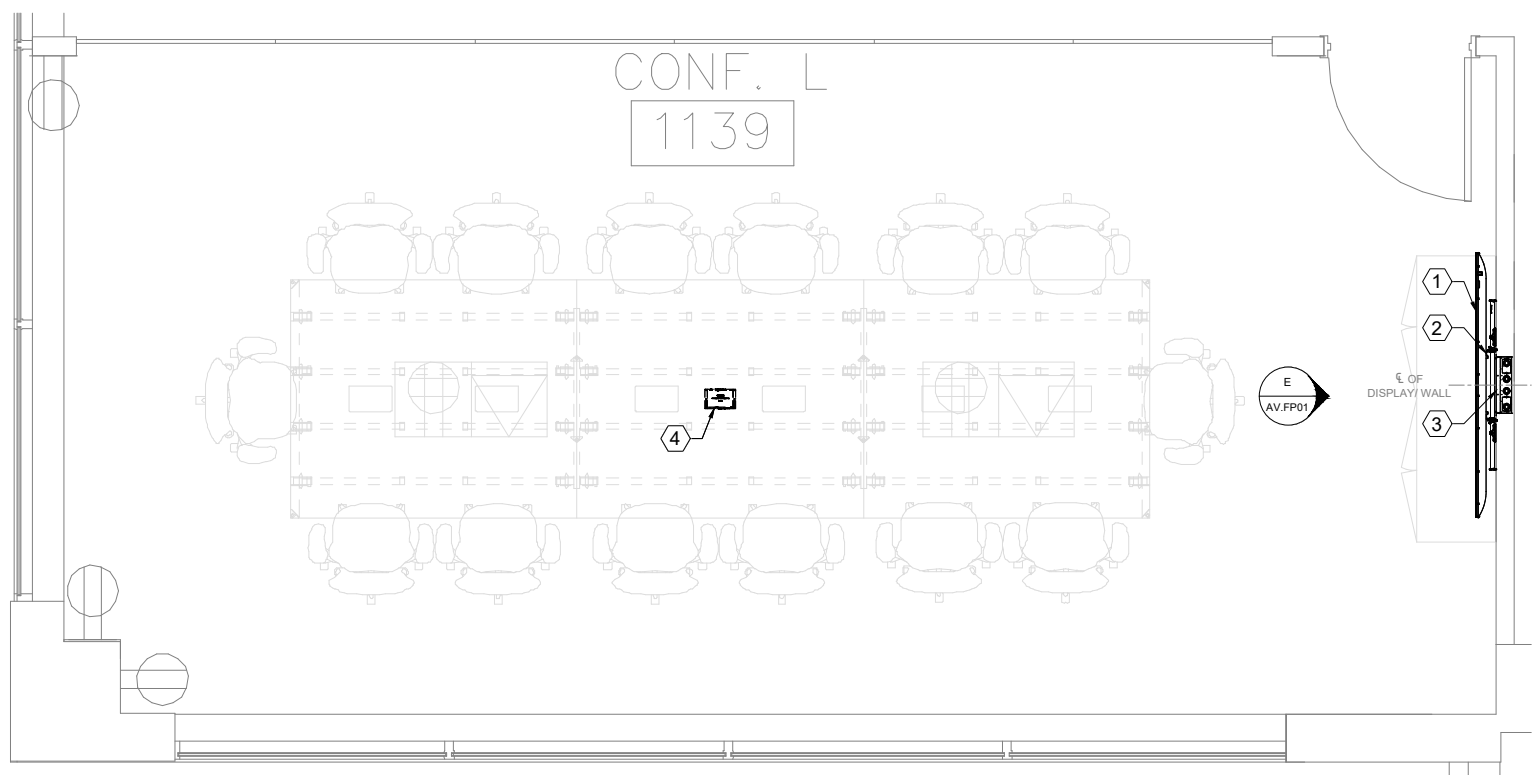
ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

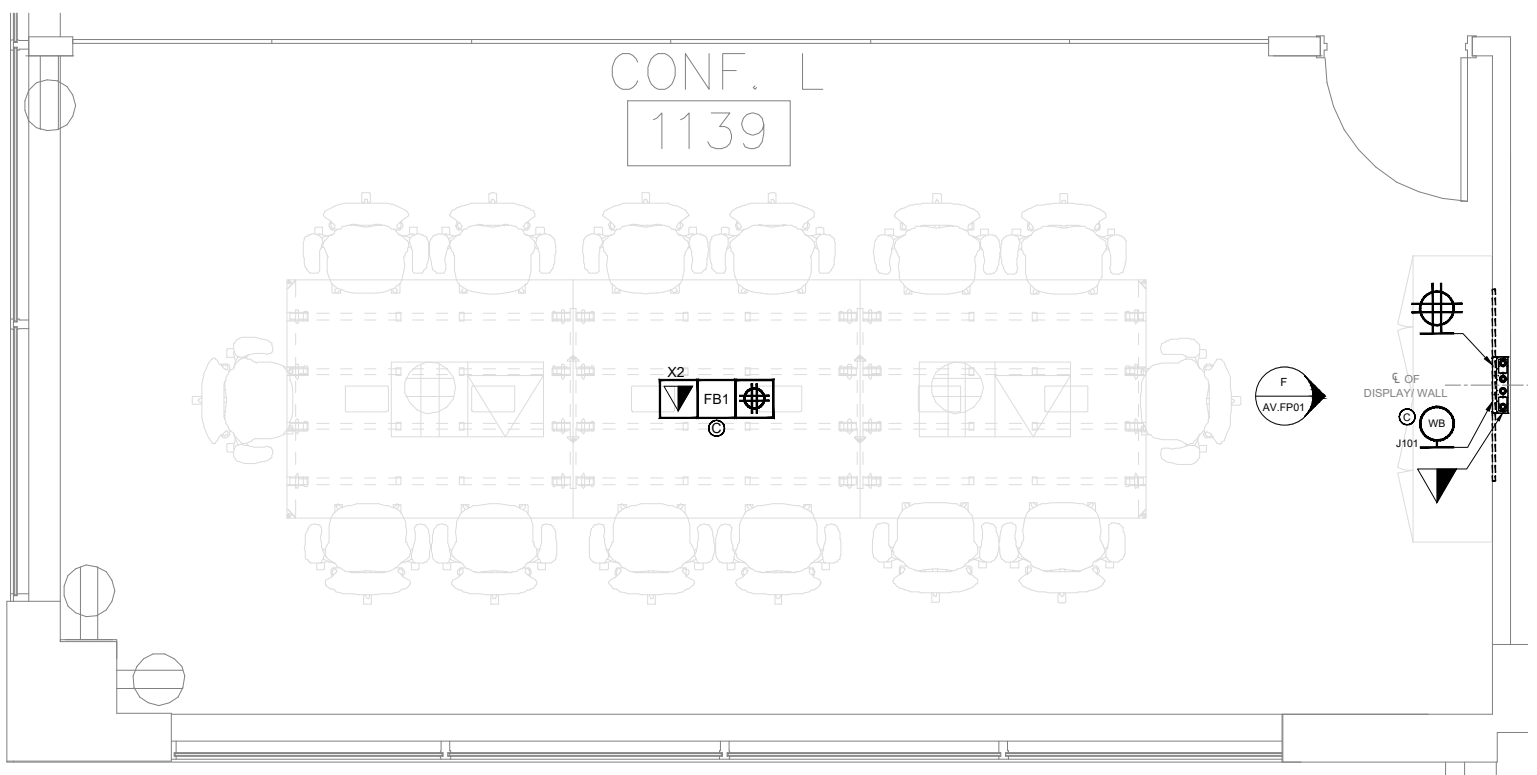
AV.F11



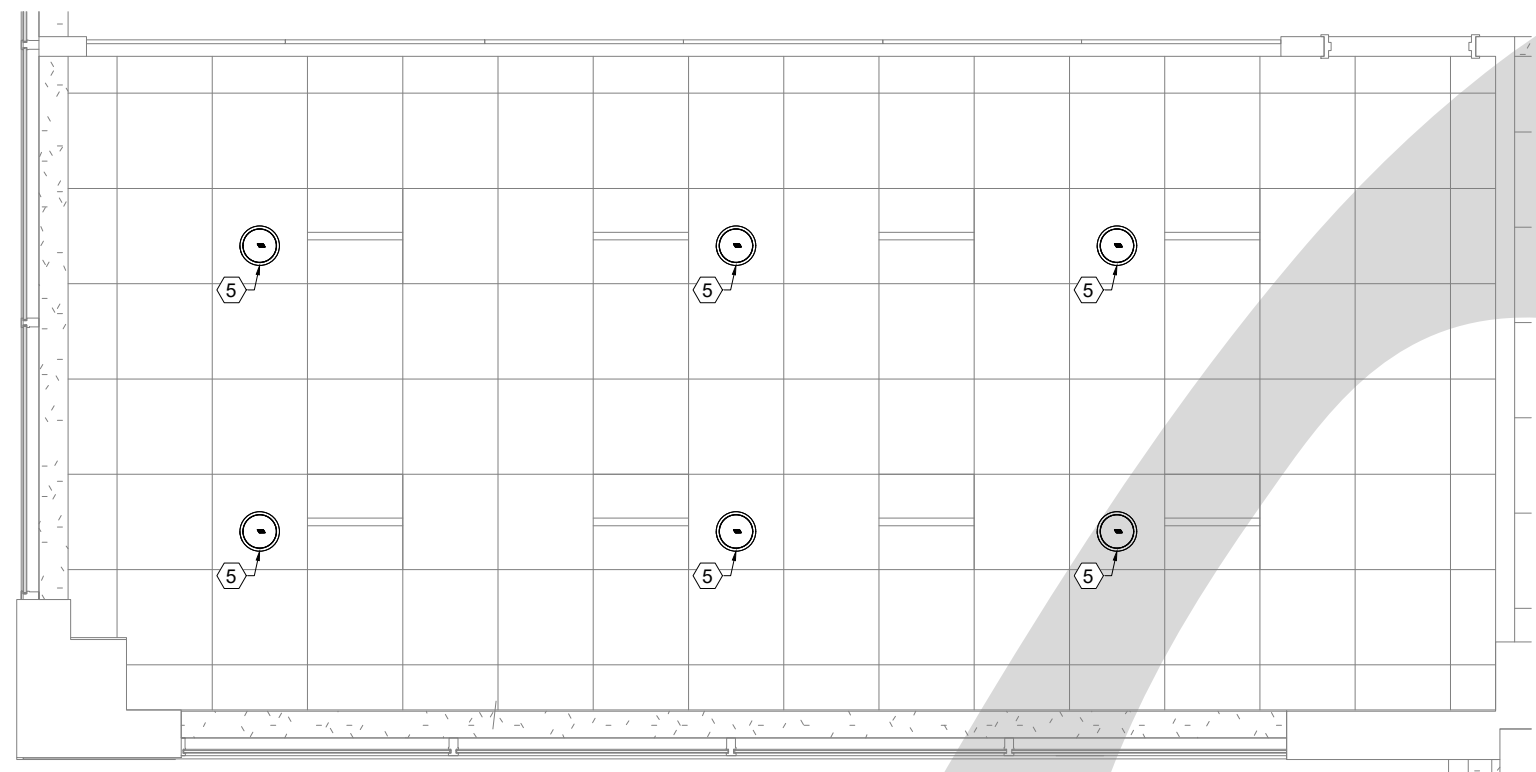




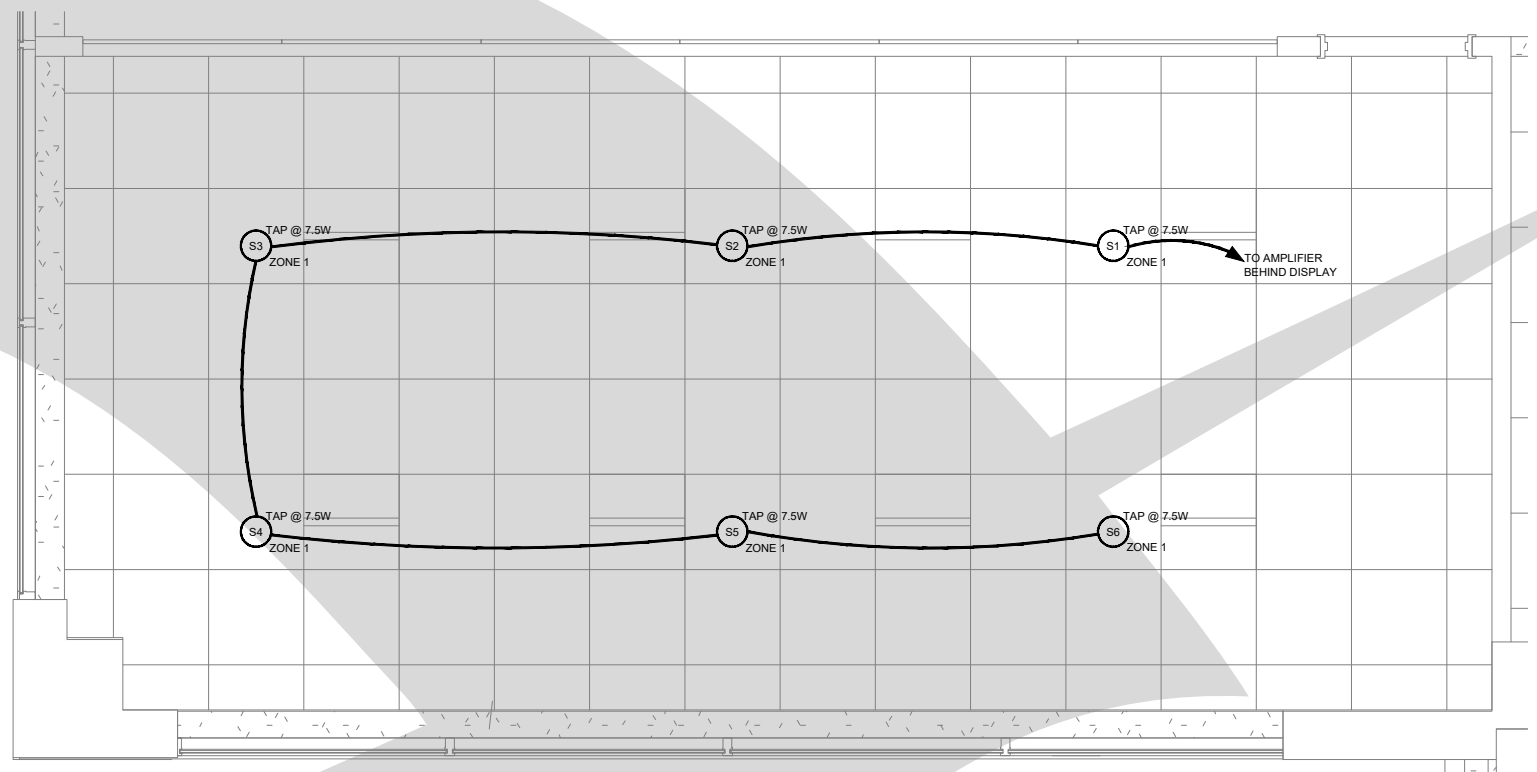
A EQUIPMENT FLOOR PLAN  
SCALE: 1/4" = 1'-0"



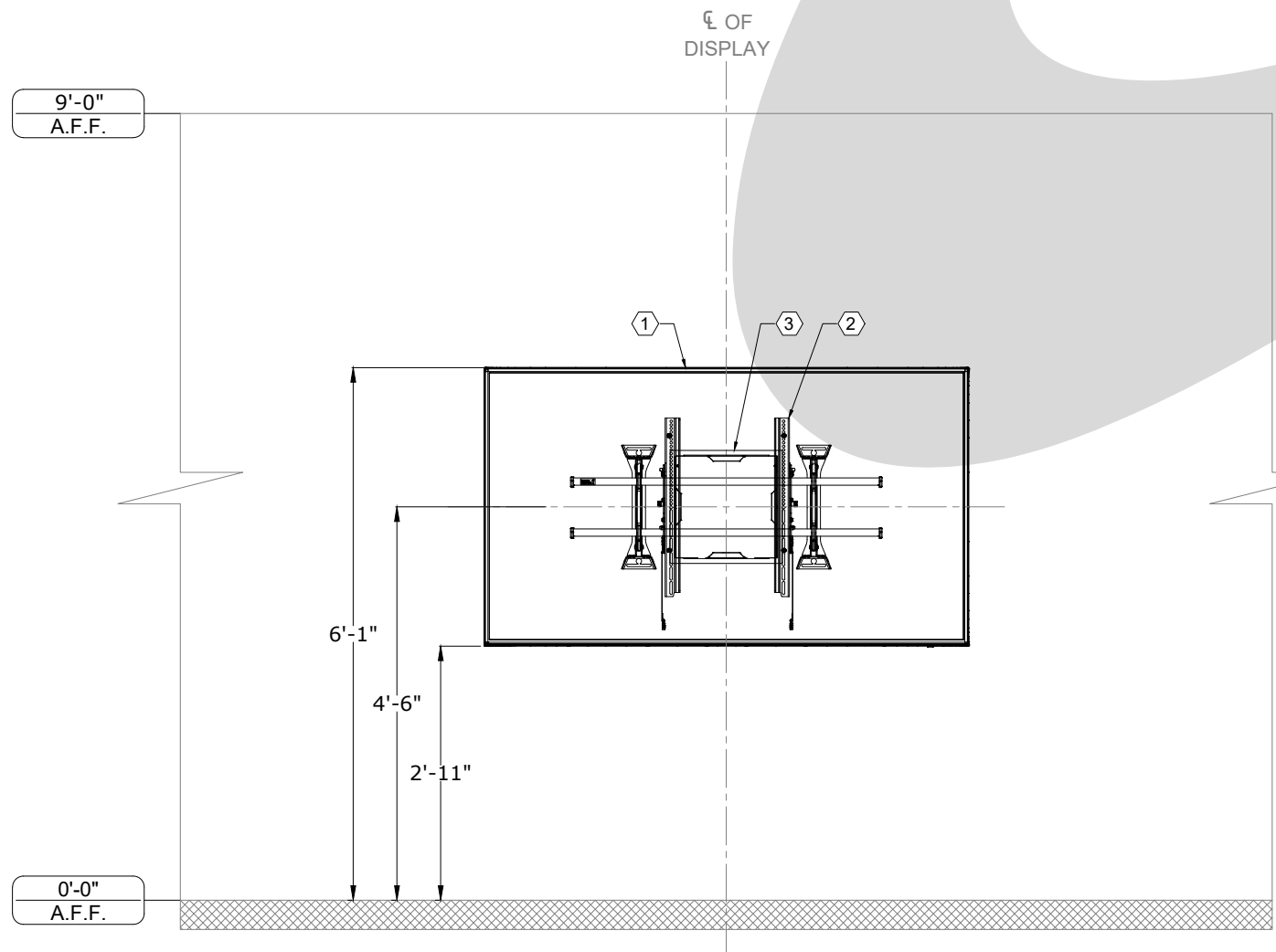
B ELECTRICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"



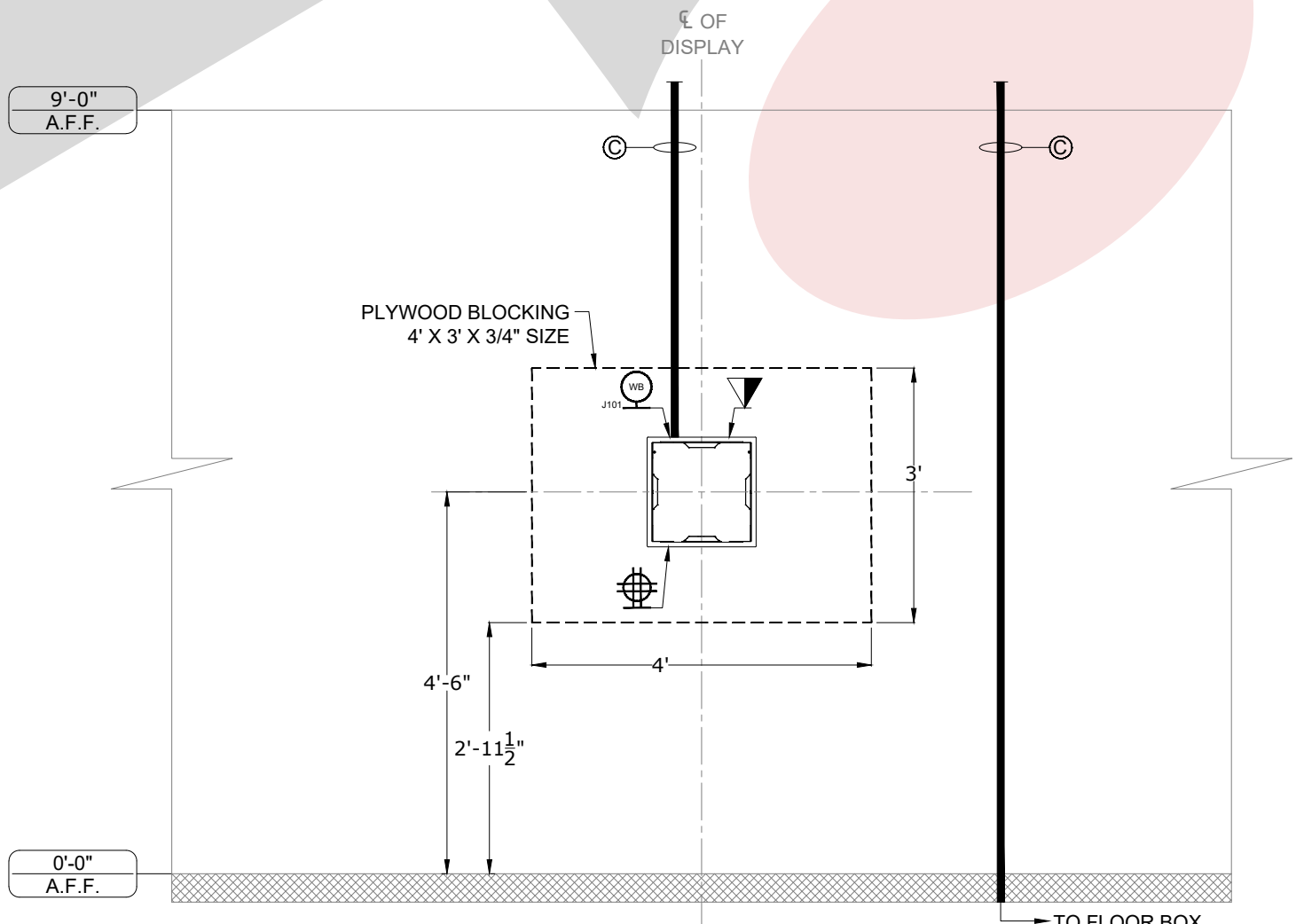
C EQUIPMENT CEILING PLAN  
SCALE: 1/4" = 1'-0"



D ELECTRICAL CEILING PLAN  
SCALE: 1/4" = 1'-0"



E EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



F ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"

AUDIO VISUAL EQUIPMENT LEGEND

- 1 SAMSUNG / Q875H / 75" DISPLAY (SEE DETAIL 1)
- 2 CHIEF / XTM1U / MOUNT FOR 75" DISPLAY (SEE DETAIL 2)
- 3 CHIEF / PAC526FCW / WALL BOX W/ RECEIVER & AMPLIFIER INSIDE (SEE DETAIL 3)
- 4 CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)
- 5 CRESTRON / SAROS-IC8T-W-T / CEILING SPEAKERS - TYPICAL OF 6 (SEE DETAIL 5)

CLIENT  
**CLIENT LOGO**

ADDRESS  
Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT  
**PROJECT NAME**

SYSTEMS INTEGRATION

AV COMPANY LOGO

A/V ELECTRICAL SYMBOLS

- VOICE/ATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/ATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @ WALL
- 2-GANG JUNCTION BOX OR MUD RING @ WALL
- 3-GANG JUNCTION BOX OR MUD RING @ WALL
- 4-GANG JUNCTION BOX OR MUD RING @ WALL
- WALL BOX @ WALL
- CABLE TV @ WALL
- VOICE/ATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

DESCRIPTION  
**AV EQUIPMENT & ELECTRICAL PLANS & ELEVATIONS - LARGE CONFERENCE ROOM 1139**

**ORIGINAL**

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| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
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| 2    |          |             |
| 3    |          |             |
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| 8    |          |             |
| 9    |          |             |

INSTALL NOTES

ACCT. MANAGER: XX  
ENGINEER: XX  
DRAFTER: RD  
REVIEWER: CO  
PROJECT MANAGER: XX  
PROJECT NUMBER: XXXXXX  
NATIVE SIZE: ARCH C (24x18)

AUDIO VISUAL ELECTRICAL NOTES

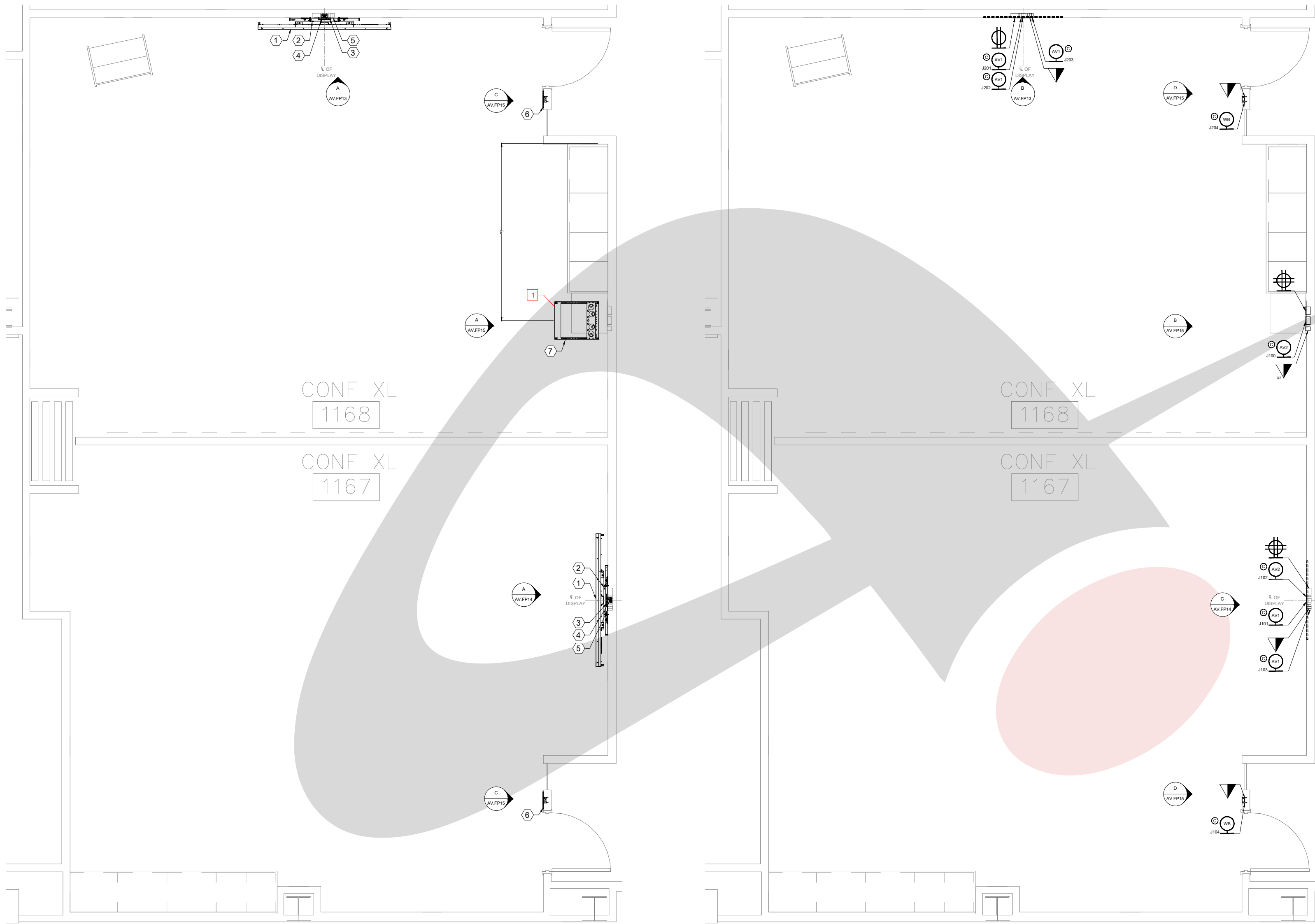
- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

AV.FP01





A EQUIPMENT FLOOR PLAN  
SCALE: 1/4" = 1'-0"

B ELECTRICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"

#### AUDIO VISUAL EQUIPMENT LEGEND

- 1 NEC / E905 / 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 6)
- 2 CHIEF / XTM11J / MOUNT FOR 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 2)
- 3 CRESTRON / DM-RMC-SCALER-C / RECEIVER - BEHIND DISPLAY (SEE DETAIL 7)
- 4 CRESTRON / DM-TX-200-C-2G-W-T / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 8)
- 5 EXTREON / USB EXTENDER PLUS D R / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 9)
- 6 CRESTRON / TSW-1000 / TOUCH PANEL W/ TSW-UMB WALL MOUNT (SEE DETAIL 10 & 11)
- 7 MIDDLE ATLANTIC / BGR 3827 / AV EQUIPMENT RACK (SEE DETAIL 12)
- 8 CRESTRON / GLS-PART-CN / PARTITION SENSOR (SEE DETAIL 13)
- 9 SHURE / MXWAPT4 / WIRELESS ACCESS POINT - TYPICAL OF 2 (NO DETAIL)
- 10 AUDIX / MM40W12 / CEILING MICROPHONE - TYPICAL OF 8 (NO DETAIL)
- 11 CRESTRON / SAROS / CAT-W-T / CEILING SPEAKERS - TYPICAL OF 12 (SEE DETAIL 14)

#### A/V ELECTRICAL SYMBOLS

- VOICE/DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @ WALL
- 2-GANG JUNCTION BOX OR MUD RING @ WALL
- 3-GANG JUNCTION BOX OR MUD RING @ WALL
- 4-GANG JUNCTION BOX OR MUD RING @ WALL
- WALL BOX @ WALL
- CABLE TV @ WALL
- VOICE/DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY A/V
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH, MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

#### INSTALL NOTES

- 1 EXACT LOCATION TO BE VERIFIED IN THE FIELD.

#### AUDIO VISUAL ELECTRICAL NOTES

- 12" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT &  
ELECTRICAL PLANS  
- MPR ROOM 1167 & 1168

ORIGINAL

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| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |
| -    | -        | -           |

|                  |        |
|------------------|--------|
| ACCT. MANAGER:   | XX     |
| ENGINEER:        | XX     |
| DRAFTER:         | RD     |
| REVIEWER:        | CO     |
| PROJECT MANAGER: | XX     |
| PROJECT NUMBER:  | XXXXXX |

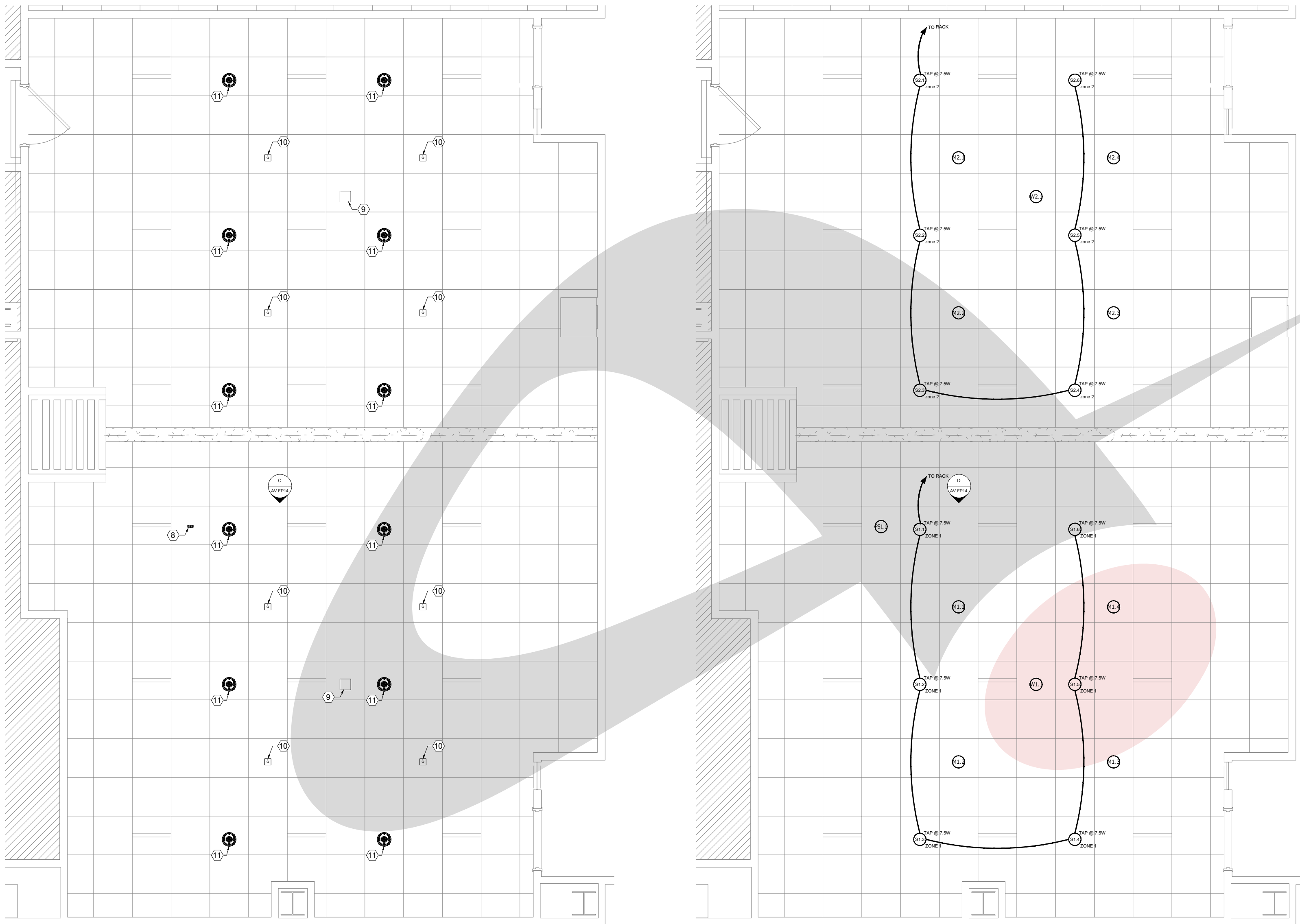
NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

AV.FP11





A EQUIPMENT CEILING PLAN  
SCALE: 1/4" = 1'-0"

B ELECTRICAL CEILING PLAN  
SCALE: 1/4" = 1'-0"

AUDIO VISUAL EQUIPMENT LEGEND

- 1 NEC / E905 / 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 6)
- 2 CHIEF / XTM1U / MOUNT FOR 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 2)
- 3 CRESTRON / DM-RMC-SCALER-C / RECEIVER - BEHIND DISPLAY (SEE DETAIL 7)
- 4 CRESTRON / DM-TX-200-C-2G-W-T / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 8)
- 5 EXTREON / USB EXTENDER PLUS D R / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 9)
- 6 CRESTRON / TSW-1060 / TOUCH PANEL W/ TSW-UMB WALL MOUNT (SEE DETAIL 10 & 11)
- 7 MIDDLE ATLANTIC / BGR 3827 / AV EQUIPMENT RACK (SEE DETAIL 12)
- 8 CRESTRON / GLS-PART-CN / PARTITION SENSOR (SEE DETAIL 13)
- 9 SHURE / MXWAPT4 / WIRELESS ACCESS POINT - TYPICAL OF 2 (NO DETAIL)
- 10 AUDIX / MAM09H12 / CEILING MICROPHONE - TYPICAL OF 8 (NO DETAIL)
- 11 CRESTRON / SAROS / CAT-W-T / CEILING SPEAKERS - TYPICAL OF 12 (SEE DETAIL 14)

A/V ELECTRICAL SYMBOLS

- VOICE/DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @ WALL
- 2-GANG JUNCTION BOX OR MUD RING @ WALL
- 3-GANG JUNCTION BOX OR MUD RING @ WALL
- 4-GANG JUNCTION BOX OR MUD RING @ WALL
- WALL BOX @ WALL
- CABLE TV @ WALL
- VOICE/DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

INSTALL NOTES

- 1 EXACT LOCATION TO BE VERIFIED IN THE FIELD.

AUDIO VISUAL ELECTRICAL NOTES

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT &  
ELECTRICAL PLANS  
- MPR ROOM 1167 & 1168

ORIGINAL

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REV. DATE DESCRIPTION

0 03-20-17 REVIEW

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

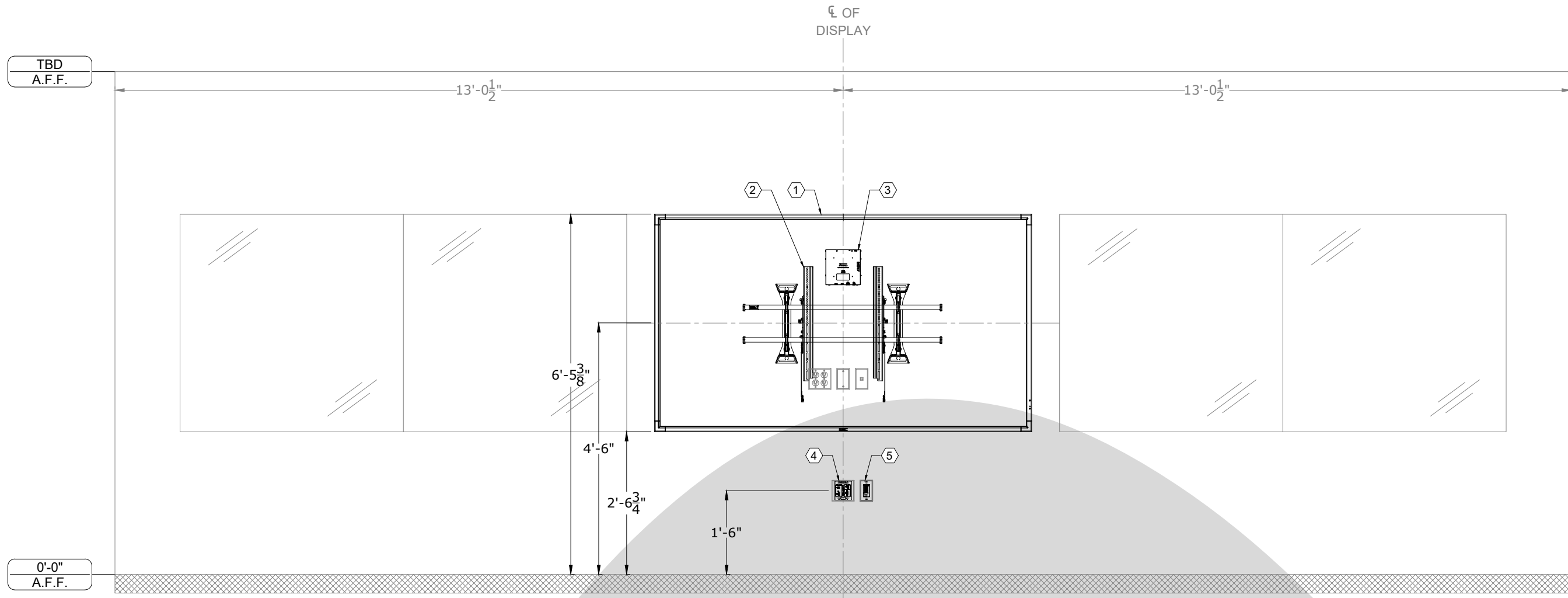
ISSUED FOR:

REVIEW COORDINATION

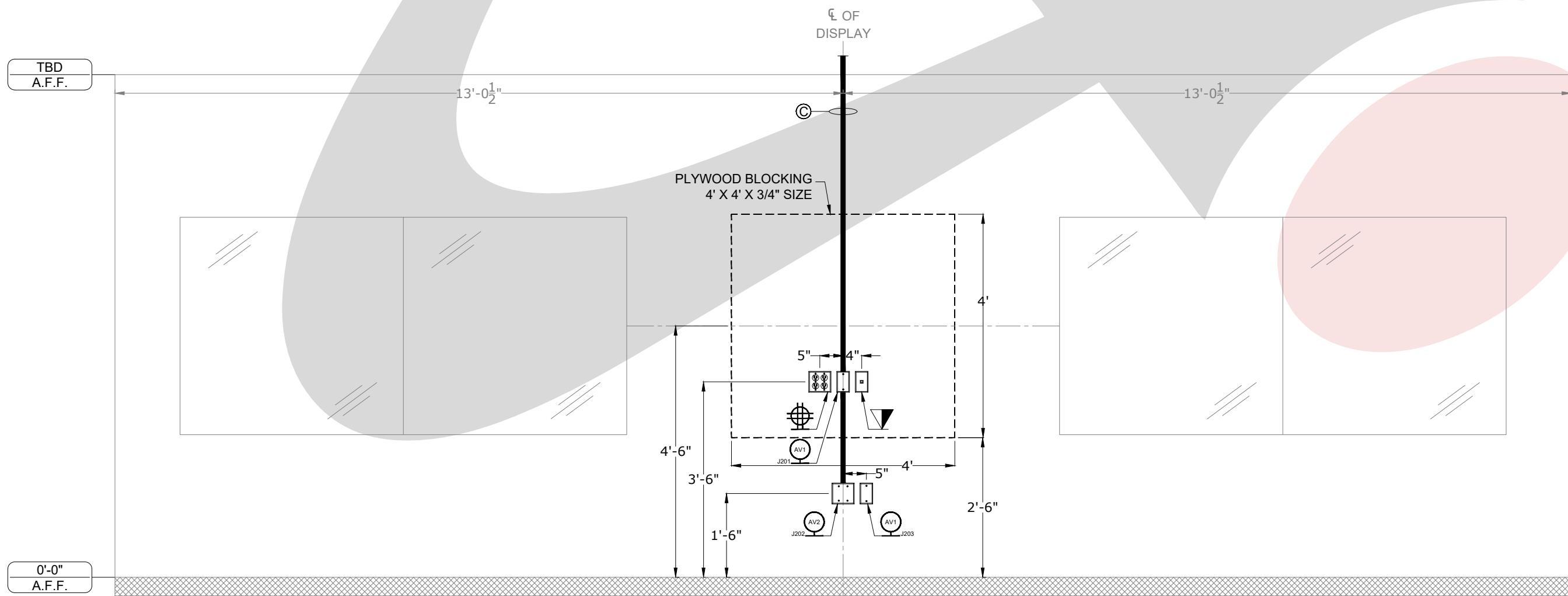
CONSTRUCTION AS-BUILT

DRAWING NUMBER:

AV.FP12



A EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



B ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"

AUDIO VISUAL EQUIPMENT LEGEND

- 1 NEC / E905 / 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 6)
- 2 CHIEF / XTM1U / MOUNT FOR 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 2)
- 3 CRESTRON / DM-RMC-SCALER-C / RECEIVER - BEHIND DISPLAY (SEE DETAIL 7)
- 4 CRESTRON / DM-TX-200-C-2G-W-T / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 8)
- 5 EXTRON / USB EXTENDER PLUS D R / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 9)
- 6 CRESTRON / TSW-1060 / TOUCH PANEL W/ TSW-UMB WALL MOUNT (SEE DETAIL 10 & 11)
- 7 MIDDLE ATLANTIC / BGR 3827 / AV EQUIPMENT RACK (SEE DETAIL 12)
- 8 CRESTRON / GLS-PART-CN / PARTITION SENSOR (SEE DETAIL 13)
- 9 SHURE / MXWAP74 / WIRELESS ACCESS POINT - TYPICAL OF 2 (NO DETAIL)
- 10 AUDIX / MM40W12 / CEILING MICROPHONE - TYPICAL OF 8 (NO DETAIL)
- 11 CRESTRON / SAROS / ICAT-W-T / CEILING SPEAKERS - TYPICAL OF 12 (SEE DETAIL 14)

A/V ELECTRICAL SYMBOLS

- VOICE/DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @WALL
- 2-GANG JUNCTION BOX OR MUD RING @WALL
- 3-GANG JUNCTION BOX OR MUD RING @WALL
- 4-GANG JUNCTION BOX OR MUD RING @WALL
- WALL BOX @WALL
- CABLE TV @WALL
- VOICE/DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

INSTALL NOTES

- 1 EXACT LOCATION TO BE VERIFIED IN THE FIELD.

AUDIO VISUAL ELECTRICAL NOTES

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT &  
ELECTRICAL ELEVATIONS  
- MPR ROOM 1168

ORIGINAL

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ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

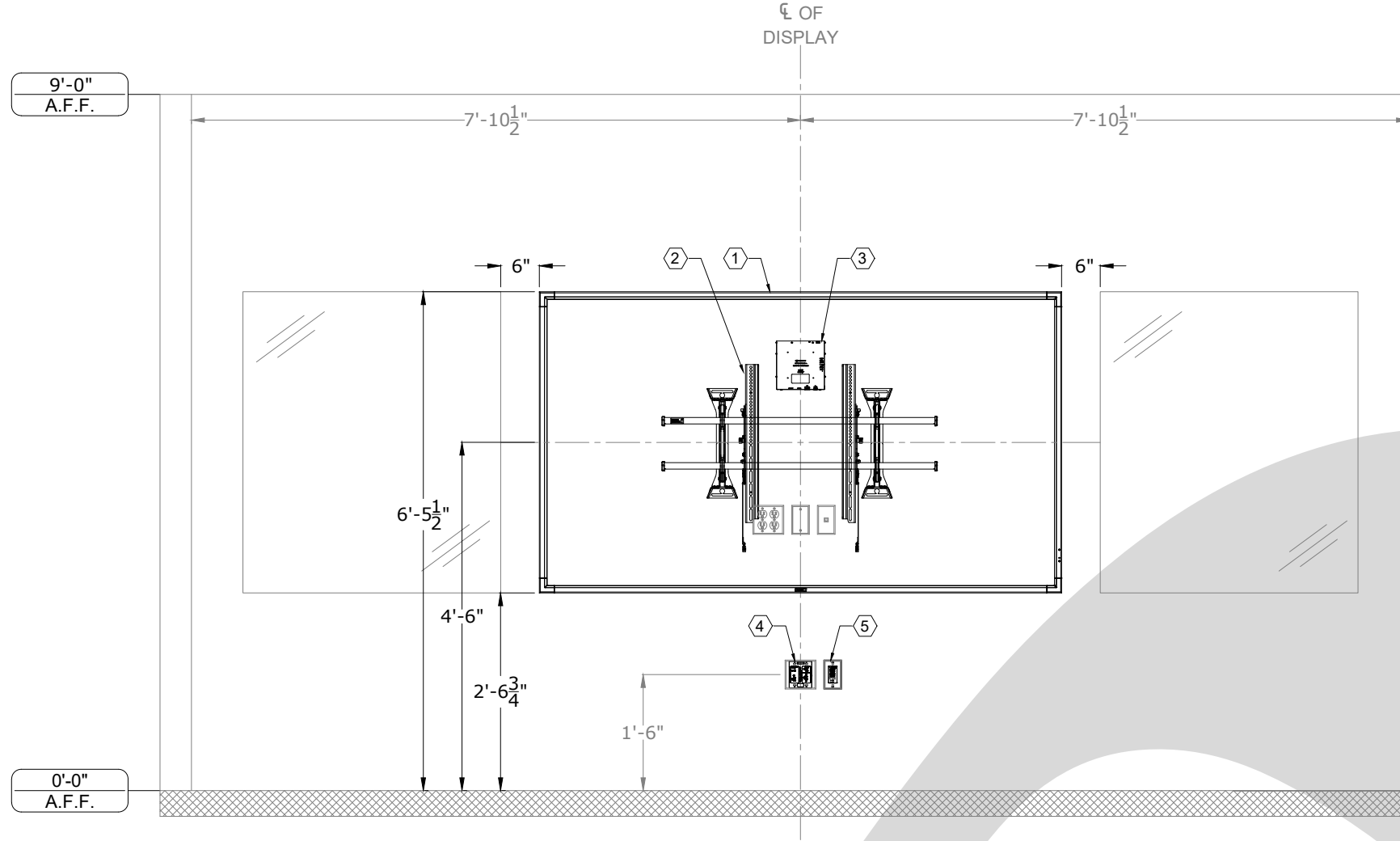
NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

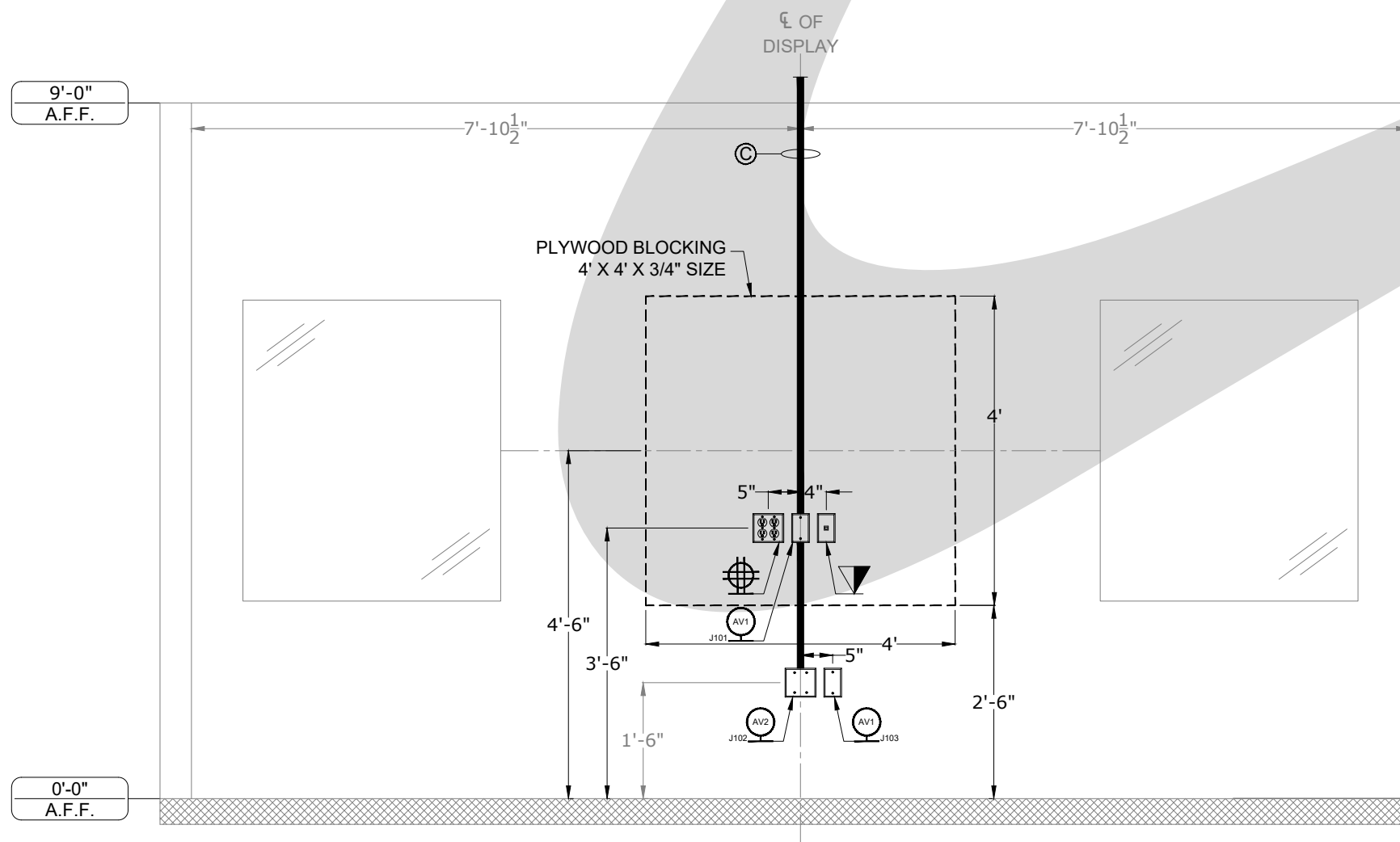
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AV.FP13

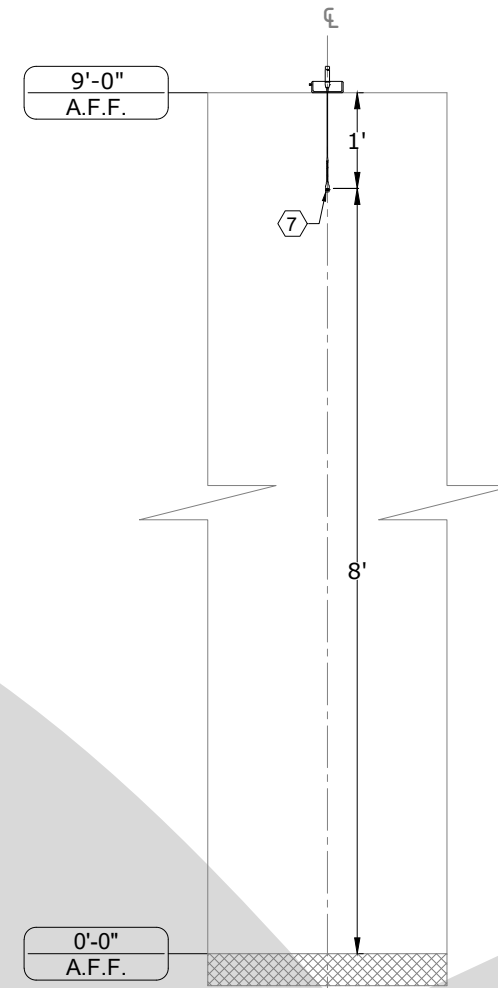




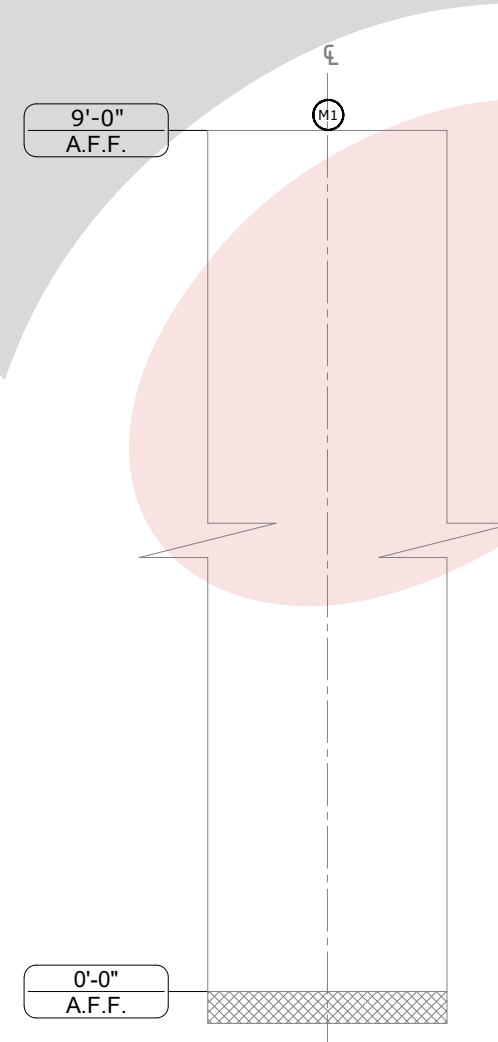
A EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



B ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"



C EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



D ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"

#### AUDIO VISUAL EQUIPMENT LEGEND

- 1 NEC / E905 / 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 6)
- 2 CHIEF / XTM1U / MOUNT FOR 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 2)
- 3 CRESTRON / DM-RMC-SCALER-C / RECEIVER - BEHIND DISPLAY (SEE DETAIL 7)
- 4 CRESTRON / DM-TX-200-C-2G-W-T / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 8)
- 5 EXTRON / USB EXTENDER PLUS D R / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 9)
- 6 CRESTRON / TSW-1060 / TOUCH PANEL W/ TSW-UMB WALL MOUNT (SEE DETAIL 10 & 11)
- 7 MIDDLE ATLANTIC / BGR 3827 / AV EQUIPMENT RACK (SEE DETAIL 12)
- 8 CRESTRON / GLS-PART-CN / PARTITION SENSOR (SEE DETAIL 13)
- 9 SHURE / MXWAPT4 / WIRELESS ACCESS POINT - TYPICAL OF 2 (NO DETAIL)
- 10 AUDIX / MM40W12 / CEILING MICROPHONE - TYPICAL OF 6 (NO DETAIL)
- 11 CRESTRON / SAROS\_ICAT-W-T / CEILING SPEAKERS - TYPICAL OF 12 (SEE DETAIL 14)

#### A/V ELECTRICAL SYMBOLS

- VOICE/ATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/ATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @ WALL
- 2-GANG JUNCTION BOX OR MUD RING @ WALL
- 3-GANG JUNCTION BOX OR MUD RING @ WALL
- 4-GANG JUNCTION BOX OR MUD RING @ WALL
- WALL BOX @ WALL
- CABLE TV @ WALL
- VOICE/ATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN/LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

#### INSTALL NOTES

- 1 EXACT LOCATION TO BE VERIFIED IN THE FIELD.

#### AUDIO VISUAL ELECTRICAL NOTES

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT &  
ELECTRICAL ELEVATIONS  
- MPR ROOMS 1167 & 1168

ORIGINAL

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WITHOUT WRITTEN AUTHORIZATION.

| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
| 1    |          |             |
| 2    |          |             |
| 3    |          |             |
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| 11   |          |             |
| 12   |          |             |
| 13   |          |             |
| 14   |          |             |

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

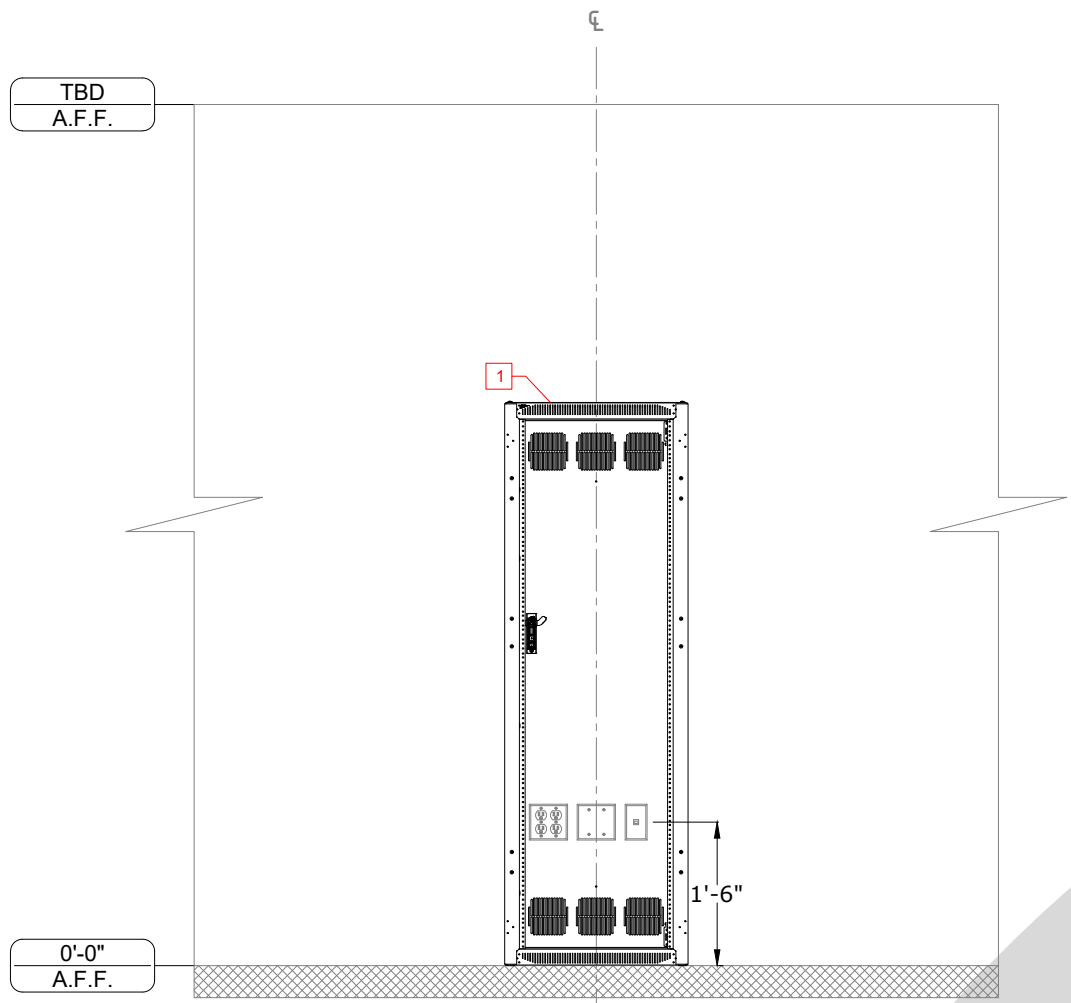
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PROJECT NUMBER: XXXXXX

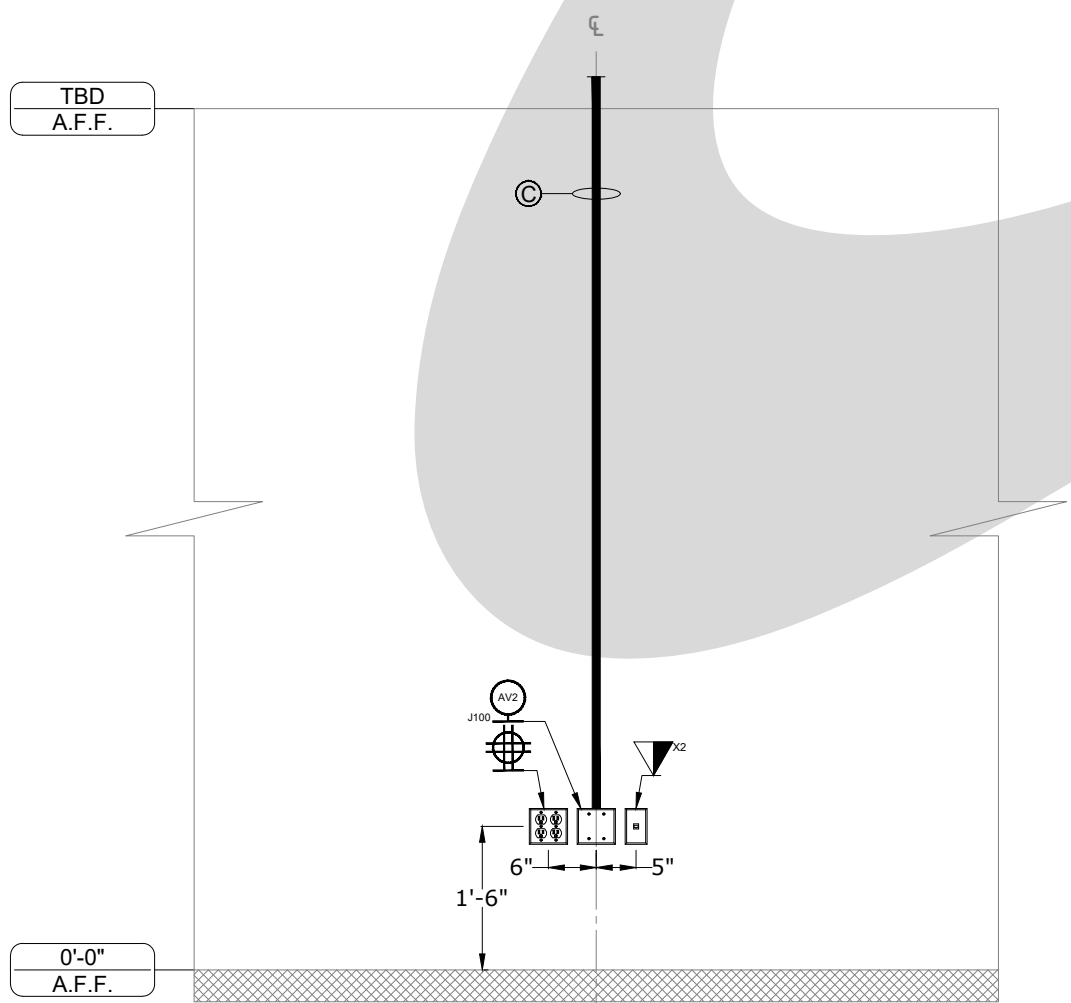
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ISSUED FOR:  
☒ REVIEW  
☐ COORDINATION  
☐ CONSTRUCTION  
☐ AS-BUILT

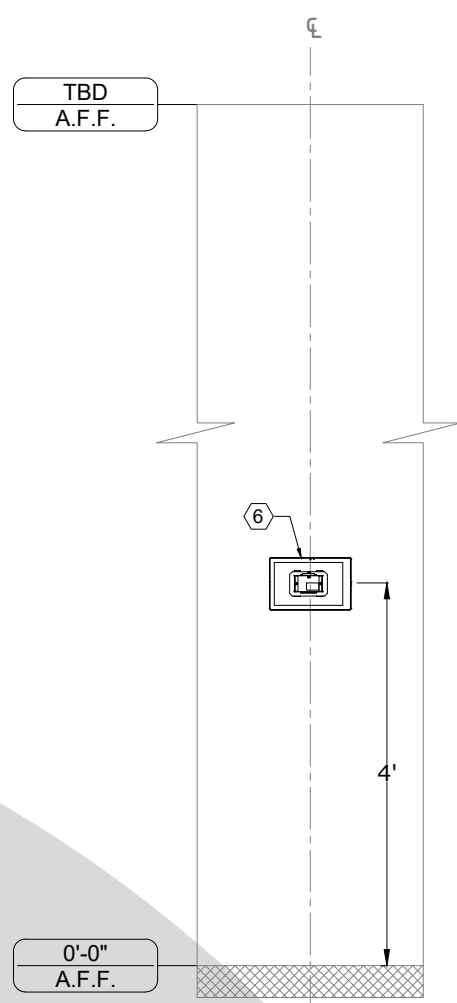
DRAWING NUMBER:  
AV.FP14



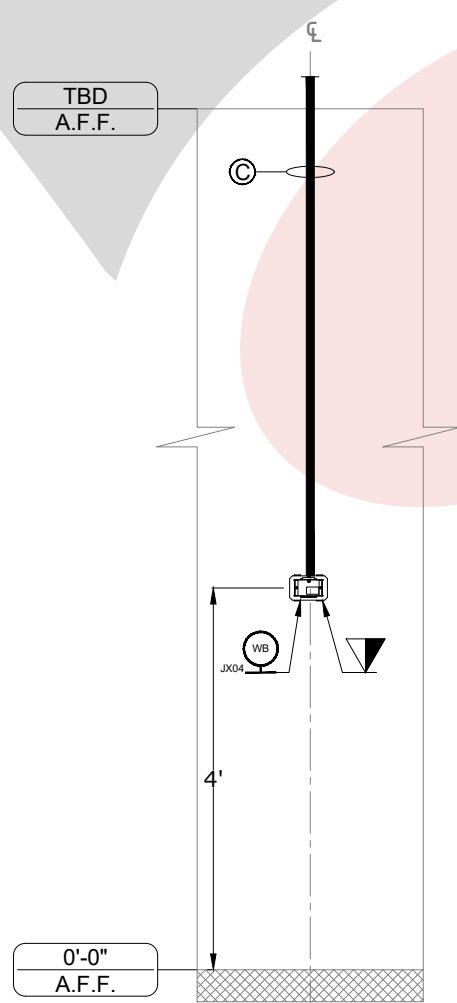
A EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



B ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"



C EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



D ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"

NOTE: PLEASE REFER THE PLAN FOR THE EXACT JUNCTION BOX NUMBER

#### AUDIO VISUAL EQUIPMENT LEGEND

- 1 NEC / E905 / 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 6)
- 2 CHIEF / XTM1U / MOUNT FOR 90" DISPLAY - TYPICAL OF 2 (SEE DETAIL 2)
- 3 CRESTRON / DM-RMC-SCALER-C / RECEIVER - BEHIND DISPLAY (SEE DETAIL 7)
- 4 CRESTRON / DM-TX-200-C-2G-W-T / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 6)
- 5 EXTRON / USB EXTENDER PLUS D R / AV INTERFACE PLATE - TYPICAL OF 2 (SEE DETAIL 9)
- 6 CRESTRON / TSW-1060 / TOUCH PANEL W/ TSW-UMB WALL MOUNT (SEE DETAIL 10 & 11)
- 7 MIDDLE ATLANTIC / BGR 3827 / AV EQUIPMENT RACK (SEE DETAIL 12)
- 8 CRESTRON / GLS-PART-CN / PARTITION SENSOR (SEE DETAIL 13)
- 9 SHURE / MXWAPT4 / WIRELESS ACCESS POINT - TYPICAL OF 2 (NO DETAIL)
- 10 AUDIX / MM40WH12 / CEILING MICROPHONE - TYPICAL OF 8 (NO DETAIL)
- 11 CRESTRON / SAROS / CAT-W-T / CEILING SPEAKERS - TYPICAL OF 12 (SEE DETAIL 14)

#### A/V ELECTRICAL SYMBOLS

- VOICE/ DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/ DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @ WALL
- 2-GANG JUNCTION BOX OR MUD RING @ WALL
- 3-GANG JUNCTION BOX OR MUD RING @ WALL
- 4-GANG JUNCTION BOX OR MUD RING @ WALL
- WALL BOX @ WALL
- CABLE TV @ WALL
- VOICE/ DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

#### INSTALL NOTES

- 1 EXACT LOCATION TO BE VERIFIED IN THE FIELD.

#### AUDIO VISUAL ELECTRICAL NOTES

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT &  
ELECTRICAL ELEVATIONS  
- MPR ROOMS 1167 & 1168

ORIGINAL

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| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
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ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

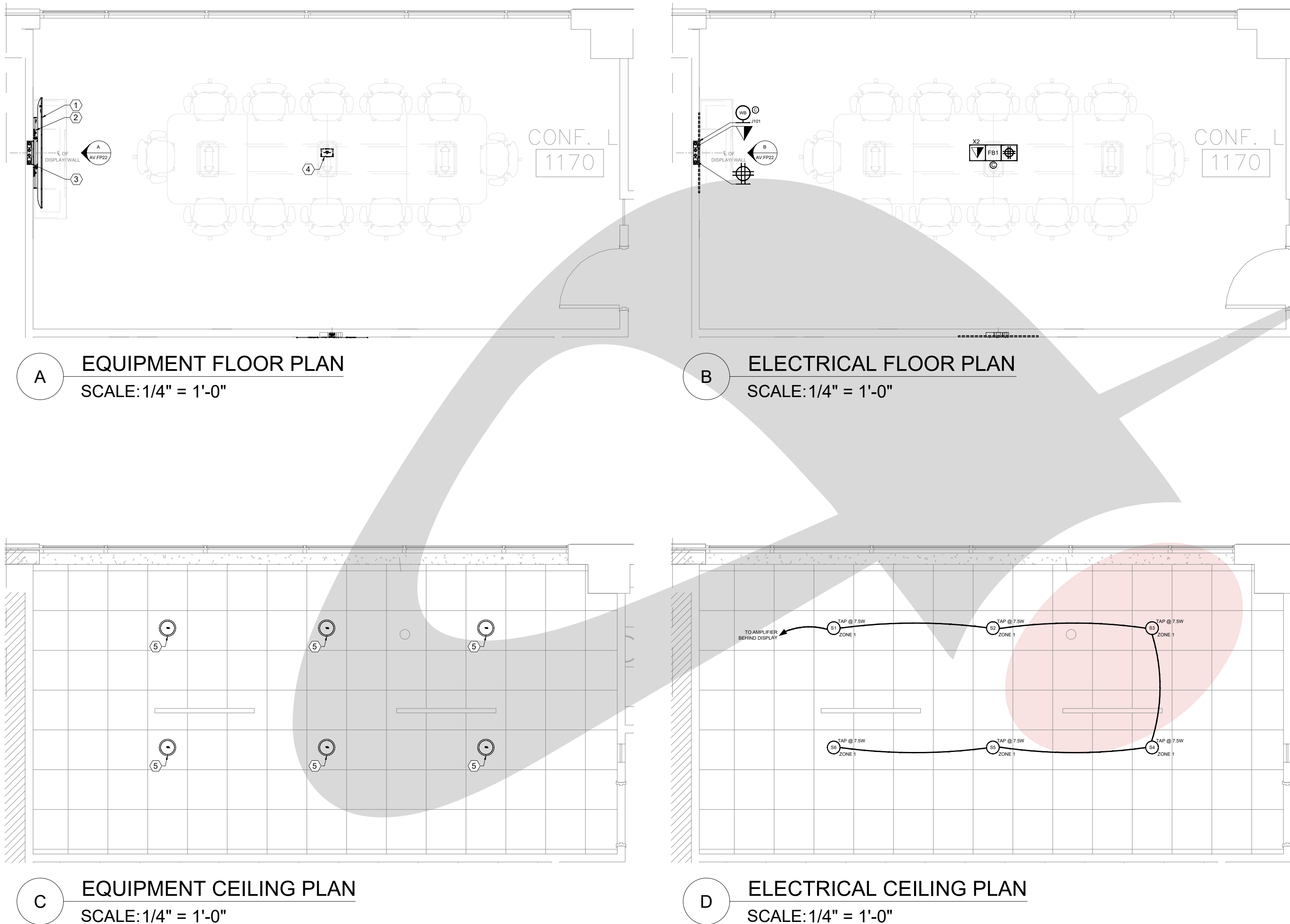
NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

AV.FP15





1

SAMSUNG / Q875H / 75" DISPLAY (SEE DETAIL 1)

2

CHIEF / XTM1U / MOUNT FOR 75" DISPLAY (SEE DETAIL 2)

3

CHIEF / PAC528FCW / WALL BOX W/ RECEIVER & AMPLIFIER INSIDE (SEE DETAIL 3)

4

CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)

5

CRESTRON / SAROS / ICST-W-T / CEILING SPEAKERS - TYPICAL OF 6 (SEE DETAIL 5)

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT & ELECTRICAL PLANS - LARGE CONFERENCE ROOM 1170

ORIGINAL

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| REV. | DATE     | DESCRIPTION |
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| 0    | 03-20-17 | REVIEW      |
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| 8    |          |             |
| 9    |          |             |

ACCT. MANAGER:

XX

ENGINEER:

XX

DRAFTER:

RD

REVIEWER:

CO

PROJECT MANAGER:

XX

PROJECT NUMBER:

XXXXXX

NATIVE SIZE:

ARCH C (24x18)

ISSUED FOR:

REVIEW

COORDINATION

CONSTRUCTION

AS-BUILT

DRAWING NUMBER:

AV.FP21

1

VOICE/DATA PORT @ FLOOR

2

POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A

3

POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A

FB1

AV FLOOR BOX @ FLOOR

PT1

AV POKE THRU @ FLOOR

ST1

CONDUIT STUB UP @ FLOOR

FC1

AV FLOOR CORE @ FLOOR

AVT1

AV FLOOR TRACK @ FLOOR

4

VOICE/DATA PORT @ WALL

5

POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A

6

POWER RECEPTACLE @ WALL, QUAD, 120V/20A

7

POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A

8

1-GANG JUNCTION BOX OR MUD RING @WALL

9

2-GANG JUNCTION BOX OR MUD RING @WALL

10

3-GANG JUNCTION BOX OR MUD RING @WALL

11

4-GANG JUNCTION BOX OR MUD RING @WALL

12

WALL BOX @WALL

13

CABLE TV @WALL

14

VOICE/DATA PORT @ CEILING

15

POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A

16

POWER RECEPTACLE @ CEILING, QUAD, 120V/20A

17

PULL AREA AT PROJECTOR LOCATION

18

PULL AREA AT FLAT PANEL DISPLAY LOCATION

19

CEILING MOUNTED MICROPHONE PROVIDED BY AVC

20

CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION

21

CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION

22

CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION

23

SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING

24

PULL AREA AT PARTITION SENSOR LOCATION

25

PULL AREA AT OCCUPANCY SENSOR LOCATION

26

PULL AREA AT ANTENNA LOCATION

INSTALL NOTES

A

1/2" CONDUIT TO ACCESSIBLE CEILING

B

3/4" CONDUIT TO ACCESSIBLE CEILING

C

1" CONDUIT TO ACCESSIBLE CEILING

D

1 1/4" CONDUIT TO ACCESSIBLE CEILING

E

1 1/2" CONDUIT TO ACCESSIBLE CEILING

F

2" CONDUIT TO ACCESSIBLE CEILING

G

CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

AUDIO VISUAL ELECTRICAL NOTES

A

1/2" CONDUIT TO ACCESSIBLE CEILING

B

3/4" CONDUIT TO ACCESSIBLE CEILING

C

1" CONDUIT TO ACCESSIBLE CEILING

D

1 1/4" CONDUIT TO ACCESSIBLE CEILING

E


1 1/2" CONDUIT TO ACCESSIBLE CEILING

F

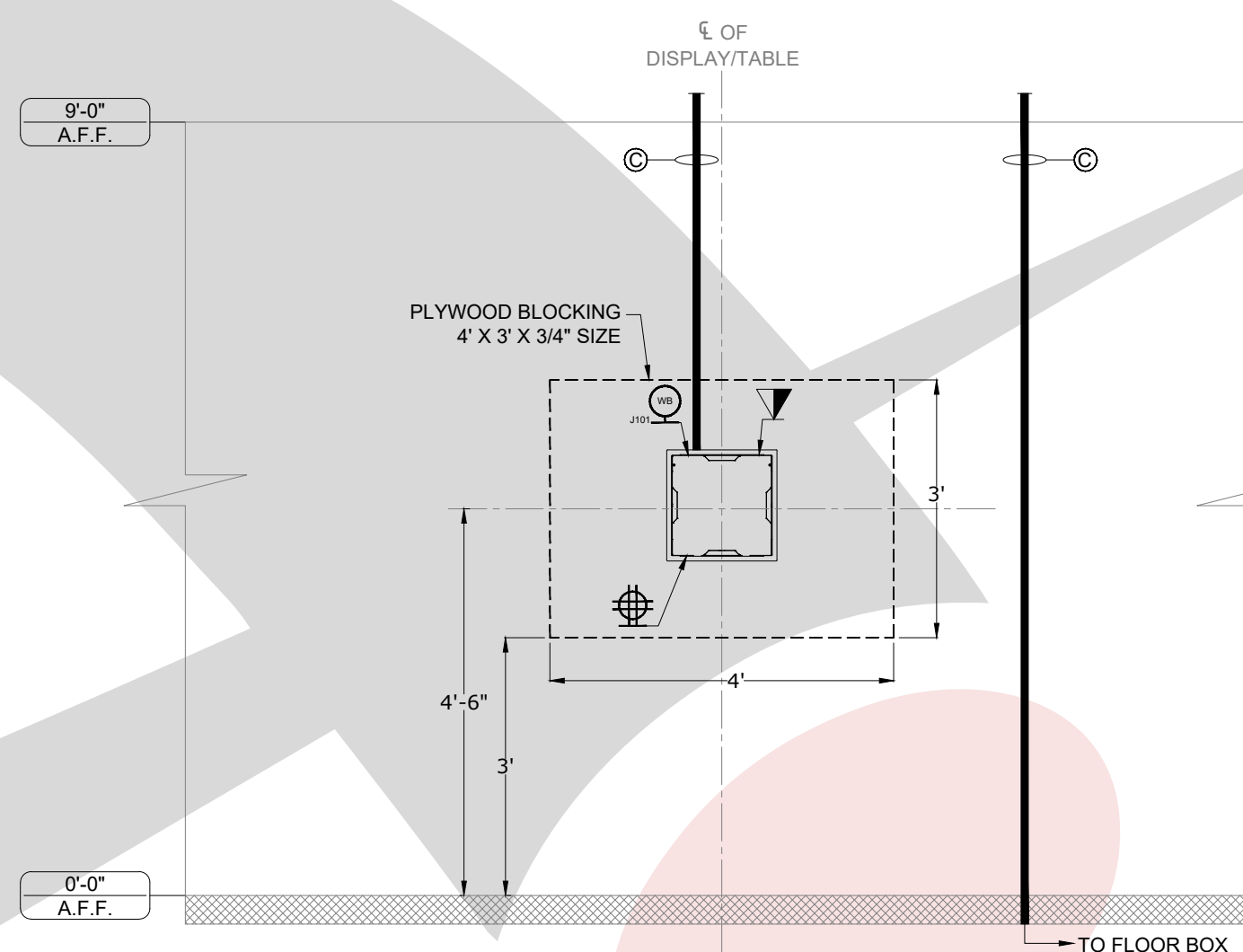
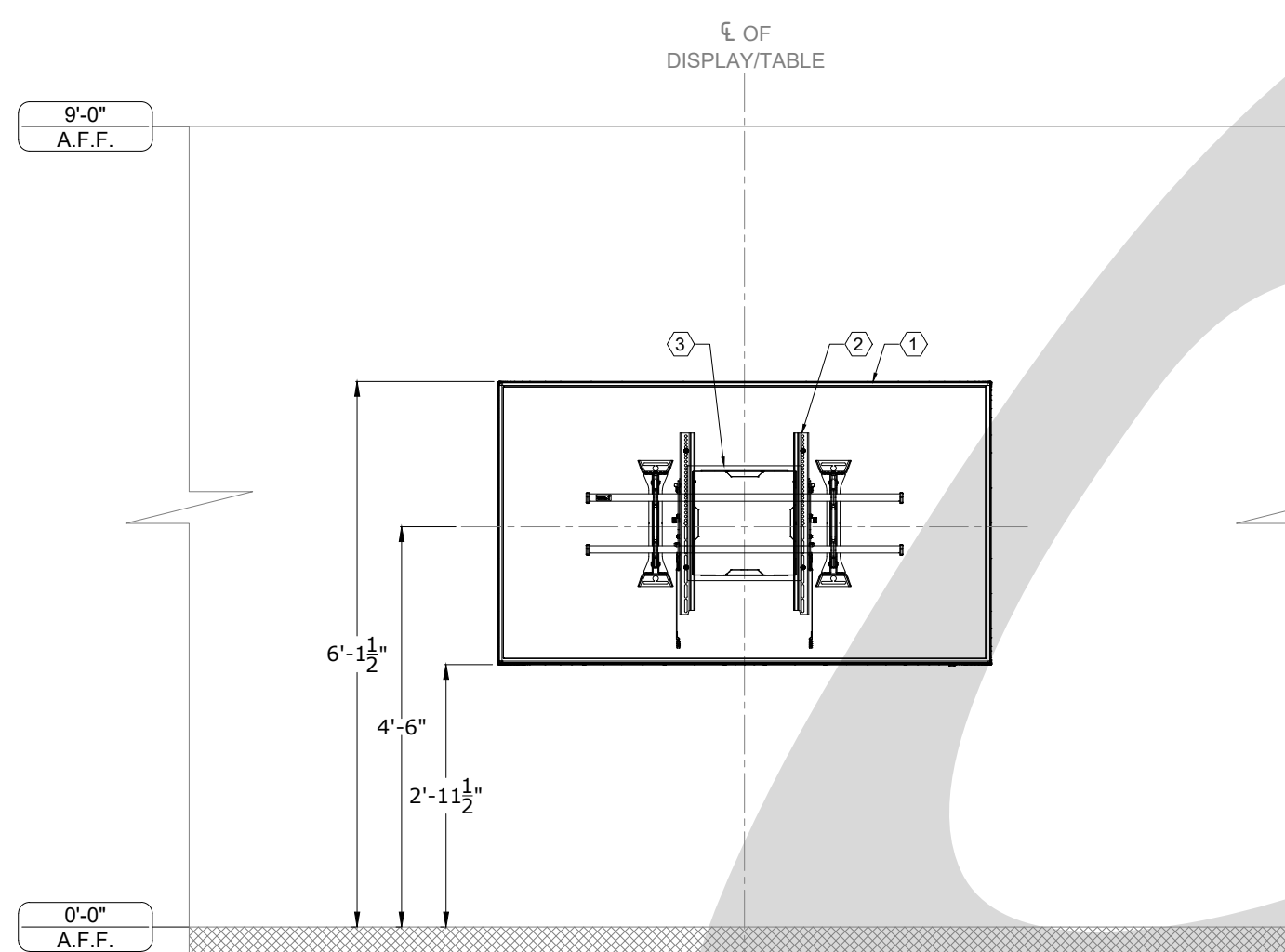
2" CONDUIT TO ACCESSIBLE CEILING

G

CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

 **ANALYTIX**  
AV SOLUTIONS

781.503.9000 | sales@analytix.com | www.analytixav.com | 800 W. Cummings Park, Suite 2000, Woburn, MA 01801



- ### AUDIO VISUAL EQUIPMENT LEGEND

- |   |  |
|---|--|
| 1 | SAMSUNG / QB75H / 75" DISPLAY (SEE DETAIL 1)                               |
| 2 | CHIEF / XTM1U / MOUNT FOR 75" DISPLAY (SEE DETAIL 2)                       |
| 3 | CHIEF / PAC526FCW / WALL BOX W/ RECEIVER & AMPLIFIER INSIDE (SEE DETAIL 3) |
| 4 | CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)        |
| 5 | CRESTRON / SAROS_IC6T-W-T / CEILING SPEAKERS - TYPICAL OF 6 (SEE DETAIL 5) |

CLIENT

CLIENT LOGO

| ADDRESS |
|---------|
|---------|

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

| DESCRIPTION |
|-------------|
|-------------|

AV EQUIPMENT &  
ELECTRICAL ELEVATIONS  
- LARGE CONFERENCE  
ROOMS 1170

**ORIGINAL**

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[illegible]

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:
































☒ REVIEW ☐ COORDINATION

☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

AV.FP22

## A/V ELECTRICAL SYMBOLS

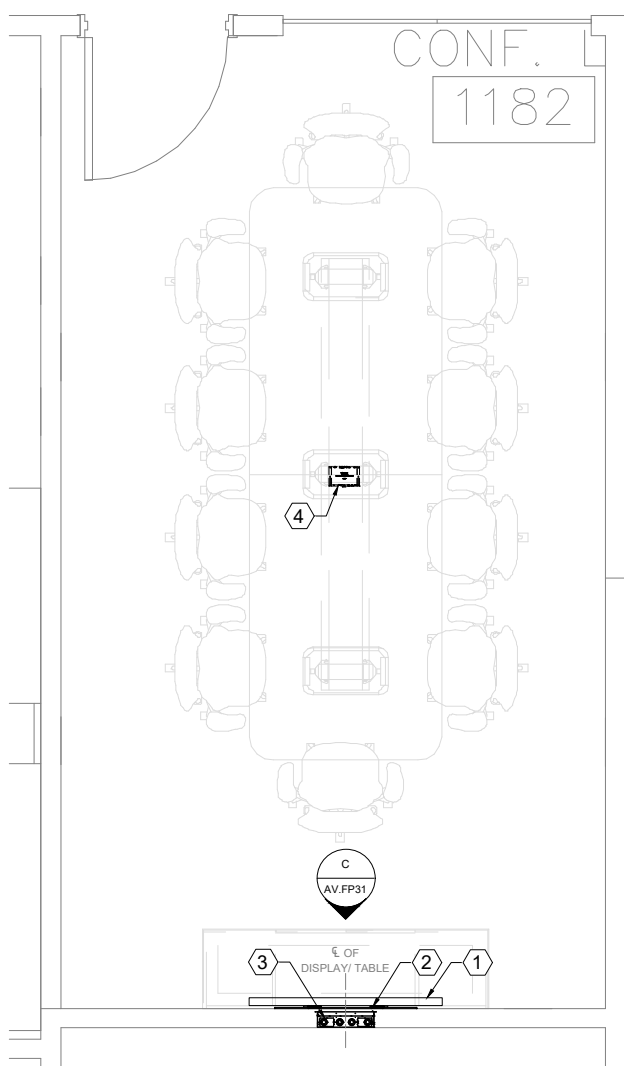
- |   |   |
|---|---|
|    | VOICE/DATA PORT @ FLOOR   |
|    | POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A  |
|    | POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A  |
|    | AV FLOOR BOX @ FLOOR  |
|    | AV POKE THRU @ FLOOR  |
|    | CONDUIT STUB UP @ FLOOR   |
|    | AV FLOOR CORE @ FLOOR   |
|    | AV FLOOR TRACK @ FLOOR  |
|    | VOICE/DATA PORT @ WALL  |
|    | POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A   |
|    | POWER RECEPTACLE @ WALL, QUAD, 120V/20A   |
|   | POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A                                    |
|  | 1-GANG JUNCTION BOX OR MUD RING @ WALL  |
|  | 2-GANG JUNCTION BOX OR MUD RING @ WALL  |
|  | 3-GANG JUNCTION BOX OR MUD RING @ WALL  |
|  | 4-GANG JUNCTION BOX OR MUD RING @ WALL  |
|  | WALL BOX @ WALL   |
|  | CABLE TV @ WALL   |
|  | VOICE/DATA PORT @ CEILING   |
|  | POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A  |
|  | POWER RECEPTACLE @ CEILING, QUAD, 120V/20A  |
|  | PULL AREA AT PROJECTOR LOCATION   |
|  | PULL AREA AT FLAT PANEL DISPLAY LOCATION  |
|  | CEILING MOUNTED MICROPHONE PROVIDED BY AVC  |
|  | CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION             |
|  | CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION              |
|  | CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION    |
|  | SCREEN LOW VOLTAGE INTERFACE WITH, MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING. |
|  | PULL AREA AT PARTITION SENSOR LOCATION  |
|  | PULL AREA AT OCCUPANCY SENSOR LOCATION  |
|  | PULL AREA AT ANTENNA LOCATION   |

## INSTALL NOTES

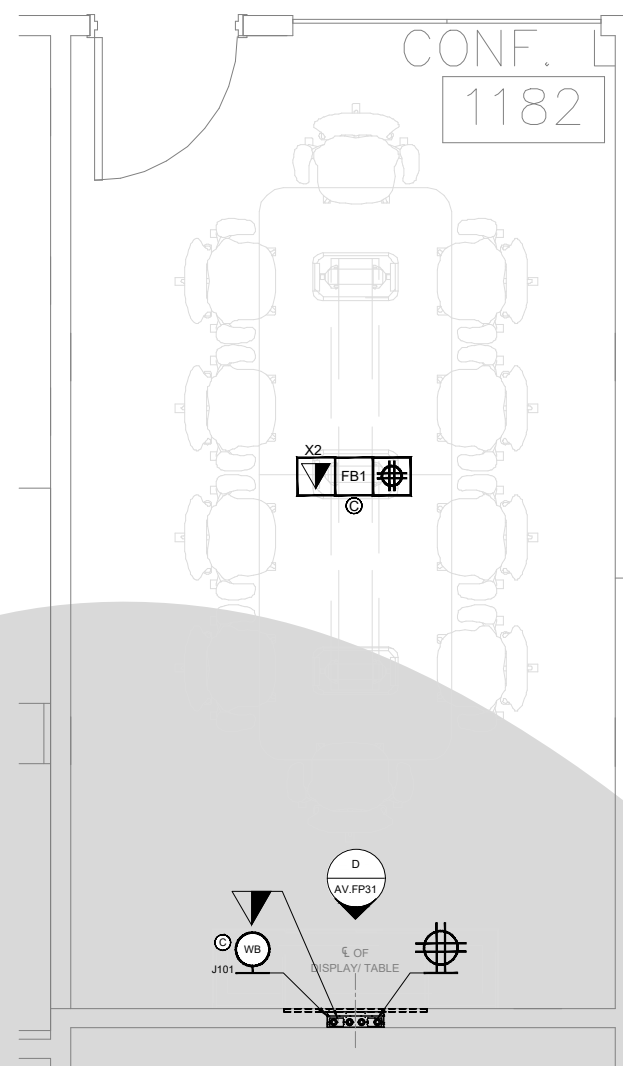
## AUDIO VISUAL ELECTRICAL NOTES

- (A) 1/2" CONDUIT TO ACCESSIBLE CEILING
- (B) 3/4" CONDUIT TO ACCESSIBLE CEILING
- (C) 1" CONDUIT TO ACCESSIBLE CEILING
- (D) 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- (E) 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- (F) 2" CONDUIT TO ACCESSIBLE CEILING
- (G) CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

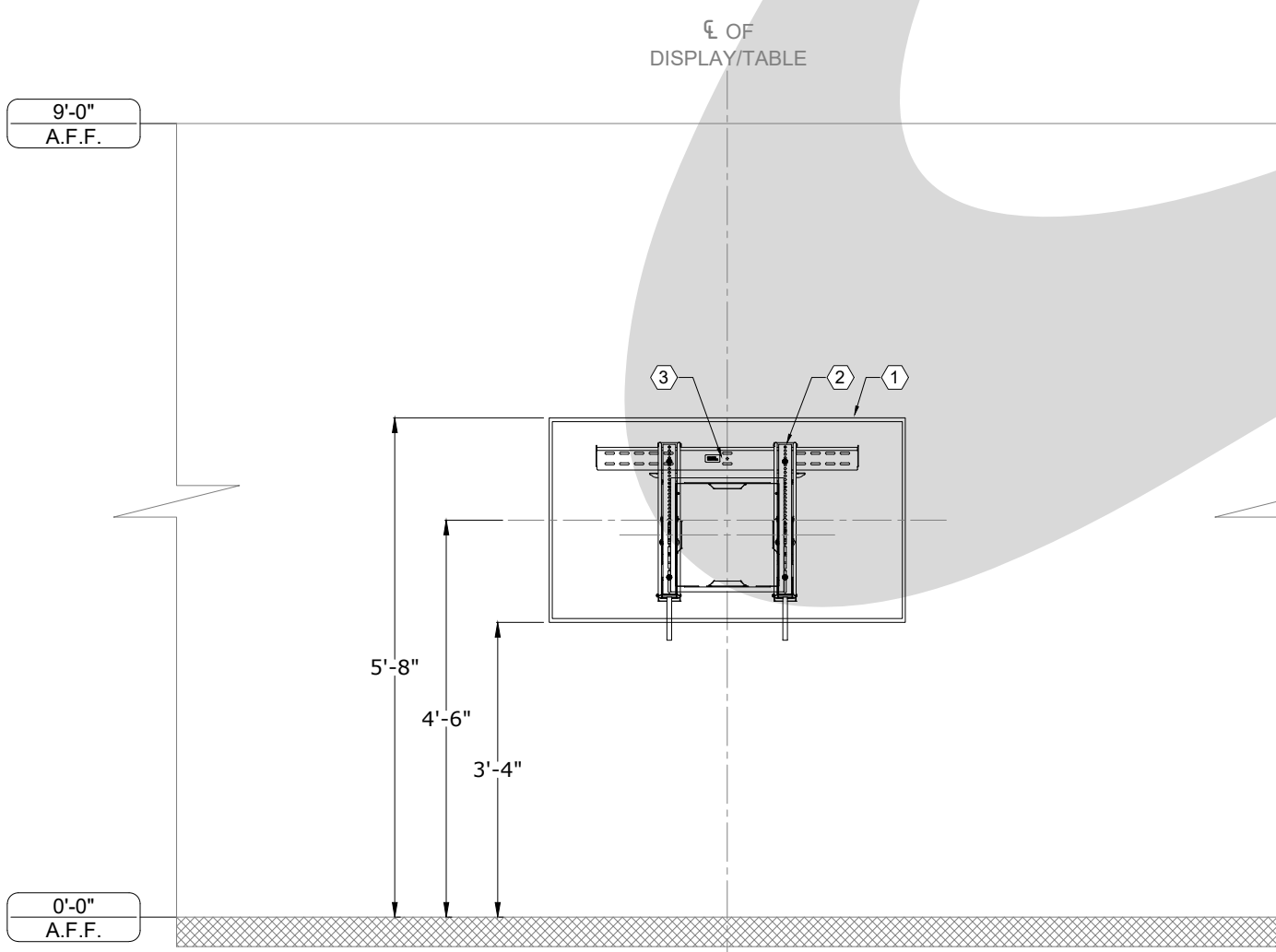




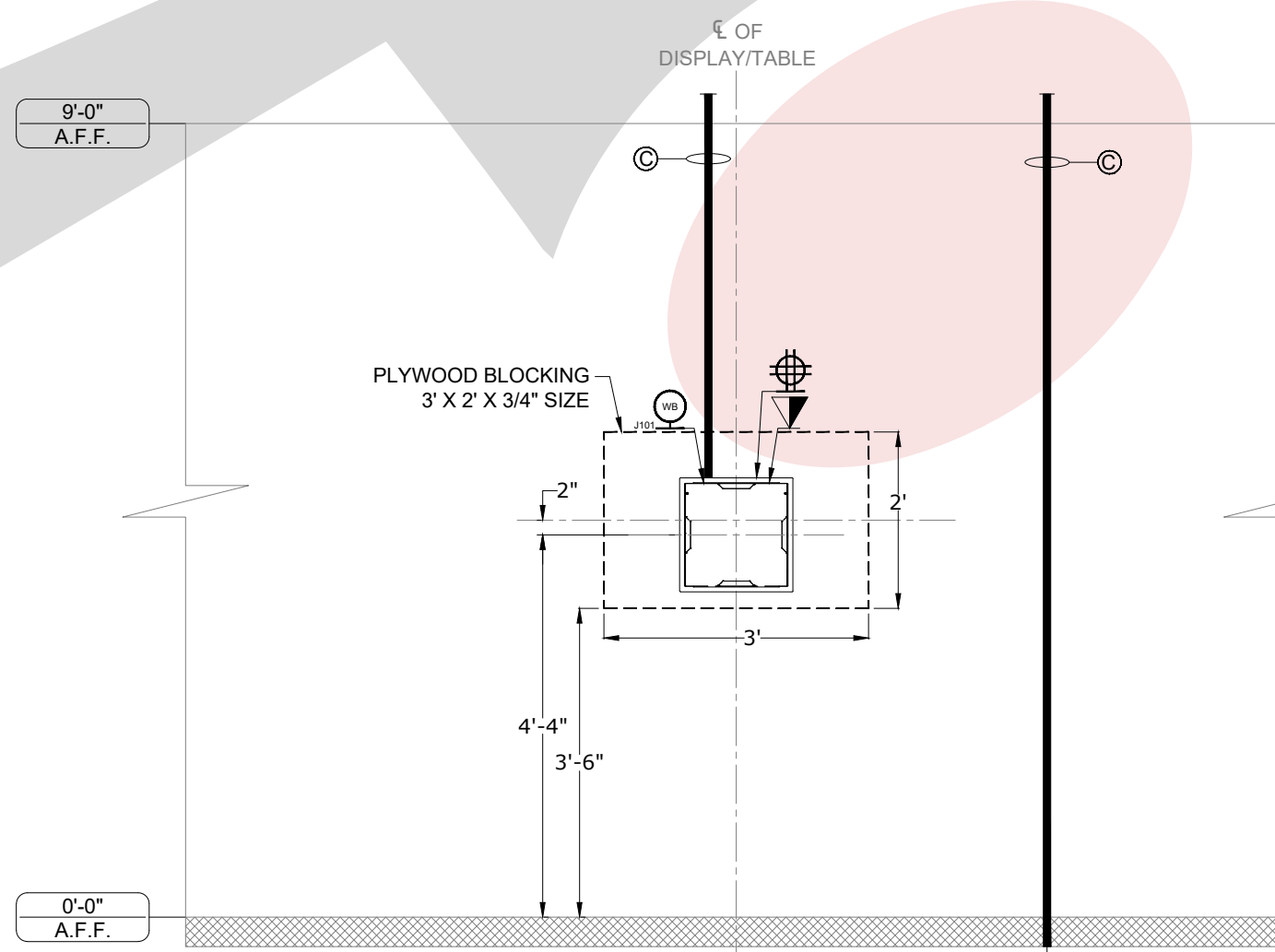
A EQUIPMENT FLOOR PLAN  
SCALE: 1/4" = 1'-0"



B ELECTRICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"



C EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



D ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"

**AUDIO VISUAL EQUIPMENT LEGEND**

1

SAMSUNG /DM55E / 55" DISPLAY (SEE DETAIL 15)

2

CHIEF / LTTU / MOUNT FOR 55" DISPLAY (SEE DETAIL 16)

3

CHIEF / PACS26FCW / WALL BOX W/ RECEIVER INSIDE (SEE DETAIL 3)

4

CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)

**A/V ELECTRICAL SYMBOLS**

VOICE/DATA PORT @ FLOOR

POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A

POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A

AV FLOOR BOX @ FLOOR

AV POKE THRU @ FLOOR

CONDUIT STUB UP @ FLOOR

AV FLOOR CORE @ FLOOR

AV FLOOR TRACK @ FLOOR

VOICE/DATA PORT @ WALL

POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A

POWER RECEPTACLE @ WALL, QUAD, 120V/20A

POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A

1-GANG JUNCTION BOX OR MUD RING @WALL

2-GANG JUNCTION BOX OR MUD RING @WALL

3-GANG JUNCTION BOX OR MUD RING @WALL

4-GANG JUNCTION BOX OR MUD RING @WALL

WALL BOX @WALL

CABLE TV @WALL

VOICE/DATA PORT @ CEILING

POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A

POWER RECEPTACLE @ CEILING, QUAD, 120V/20A

PULL AREA AT PROJECTOR LOCATION

PULL AREA AT FLAT PANEL DISPLAY LOCATION

CEILING MOUNTED MICROPHONE PROVIDED BY AVC

CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION

CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION

CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION

SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING

PULL AREA AT PARTITION SENSOR LOCATION

PULL AREA AT OCCUPANCY SENSOR LOCATION

PULL AREA AT ANTENNA LOCATION

**INSTALL NOTES**

**AUDIO VISUAL ELECTRICAL NOTES**

A

1/2" CONDUIT TO ACCESSIBLE CEILING

B

3/4" CONDUIT TO ACCESSIBLE CEILING

C

1" CONDUIT TO ACCESSIBLE CEILING

D

1 1/4" CONDUIT TO ACCESSIBLE CEILING

E

1 1/2" CONDUIT TO ACCESSIBLE CEILING

F

2" CONDUIT TO ACCESSIBLE CEILING

G

CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

ISSUED FOR:

REVIEW

COORDINATION

CONSTRUCTION

AS-BUILT

DRAWING NUMBER:

AV.FP31

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT &  
ELECTRICAL PLANS &  
ELEVATIONS  
- MEDIUM CONFERENCE  
ROOMS 1182

ORIGINAL

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REV.

DATE

DESCRIPTION

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03-20-17

REVIEW

1

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3

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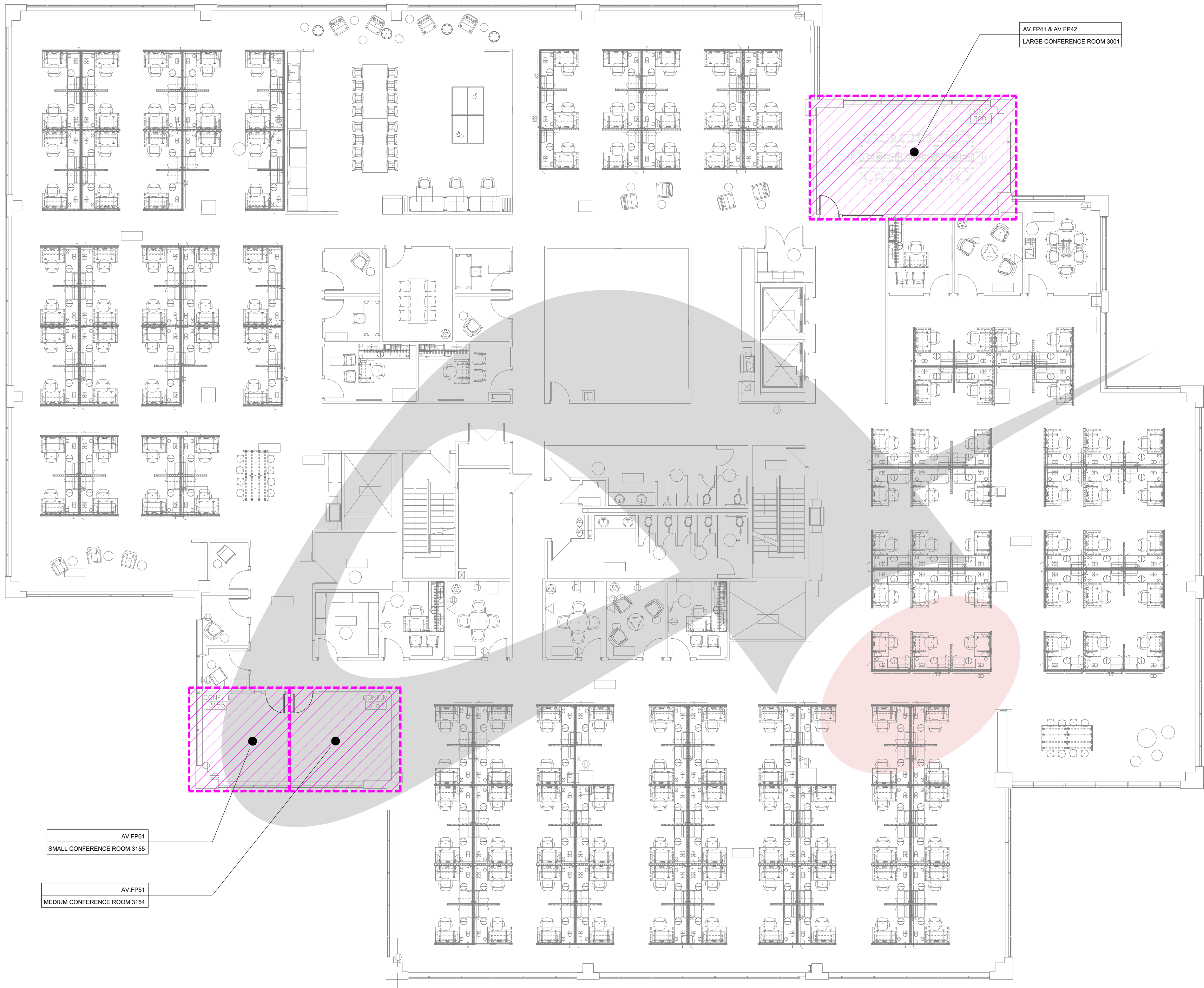
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CLIENT

CLIENT LOGO

ADDRESS  
Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT  
PROJECT NAME

SYSTEMS INTEGRATION

DESCRIPTION  
AV KEY PLAN  
- 3RD FLOOR

ORIGINAL

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| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
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ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

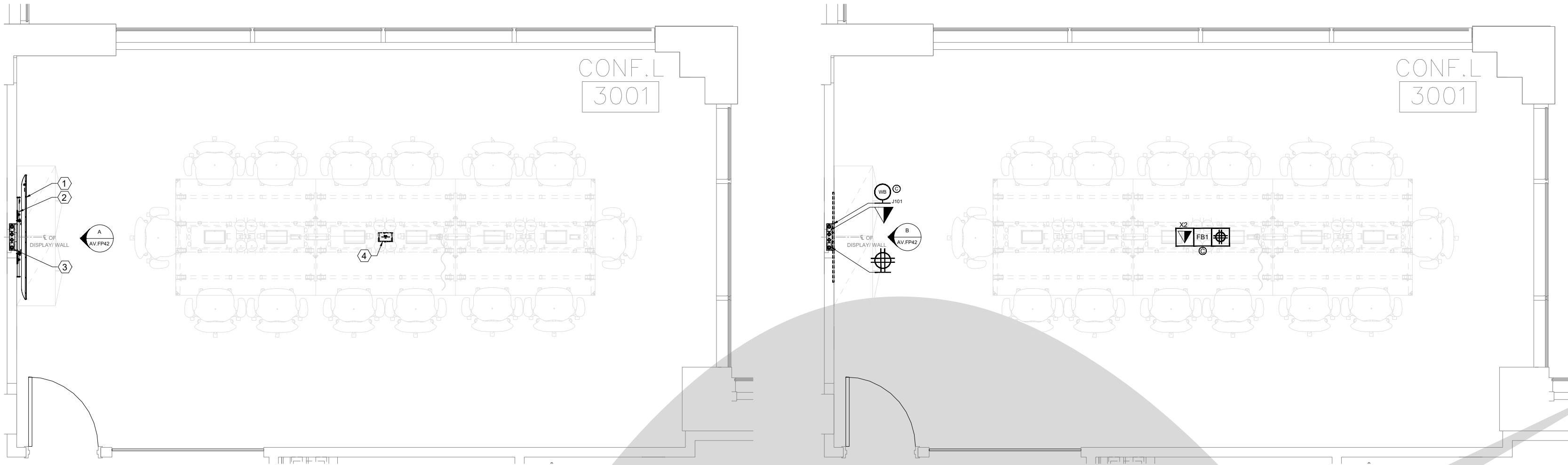
NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:  
AV.KP2

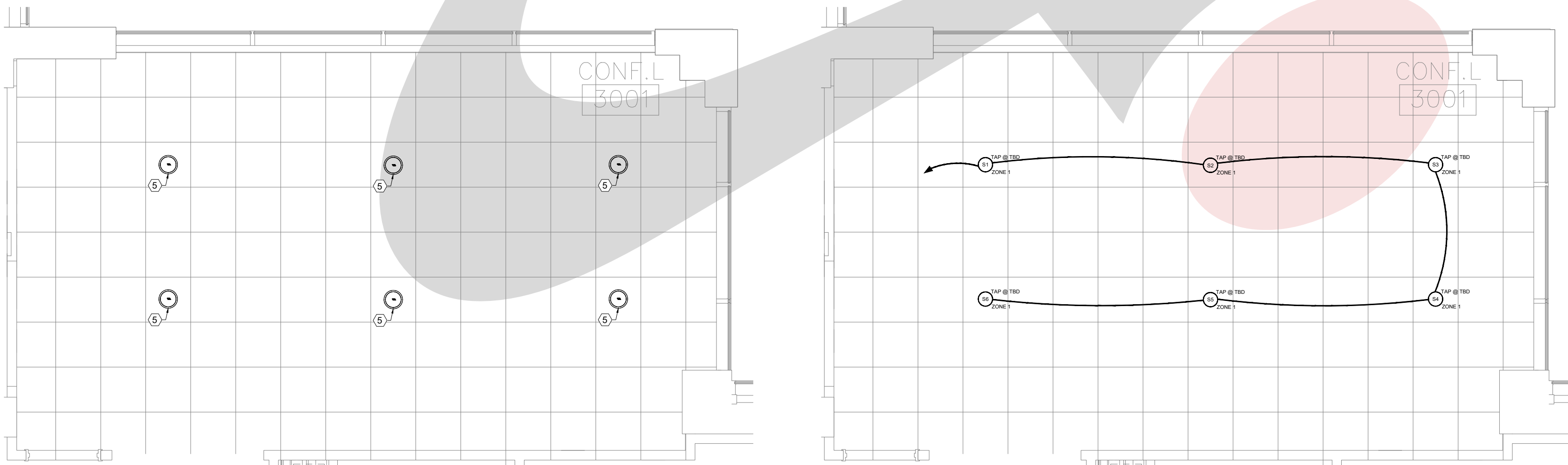
A AUDIO VISUAL KEY PLAN  
SCALE:N.T.S.





A EQUIPMENT FLOOR PLAN  
SCALE: 1/4" = 1'-0"

B ELECTRICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"



C EQUIPMENT CEILING PLAN  
SCALE: 1/4" = 1'-0"

D ELECTRICAL CEILING PLAN  
SCALE: 1/4" = 1'-0"

#### AUDIO VISUAL EQUIPMENT LEGEND

- 1 SAMSUNG / Q875H / 75" DISPLAY (SEE DETAIL 1)
- 2 CHIEF / XTM1U / MOUNT FOR 75" DISPLAY (SEE DETAIL 2)
- 3 CHIEF / PAC528FCW / WALL BOX W/ RECEIVER & AMPLIFIER INSIDE (SEE DETAIL 3)
- 4 CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)
- 5 CRESTRON / BAROS\_ICBT-W1-T / CEILING SPEAKERS - TYPICAL OF 6 (SEE DETAIL 5)

CLIENT

CLIENT LOGO

ADDRESS  
Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT  
PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

#### A/V ELECTRICAL SYMBOLS

- VOICE/DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @ WALL
- 2-GANG JUNCTION BOX OR MUD RING @ WALL
- 3-GANG JUNCTION BOX OR MUD RING @ WALL
- 4-GANG JUNCTION BOX OR MUD RING @ WALL
- WALL BOX @ WALL
- CABLE TV @ WALL
- VOICE/DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

DESCRIPTION  
AV EQUIPMENT &  
ELECTRICAL PLANS -  
LARGE CONFERENCE  
ROOM 3001

ORIGINAL

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| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
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ACCT. MANAGER: XX  
ENGINEER: XX  
DRAFTER: RD  
REVIEWER: CO  
PROJECT MANAGER: XX  
PROJECT NUMBER: XXXXXX

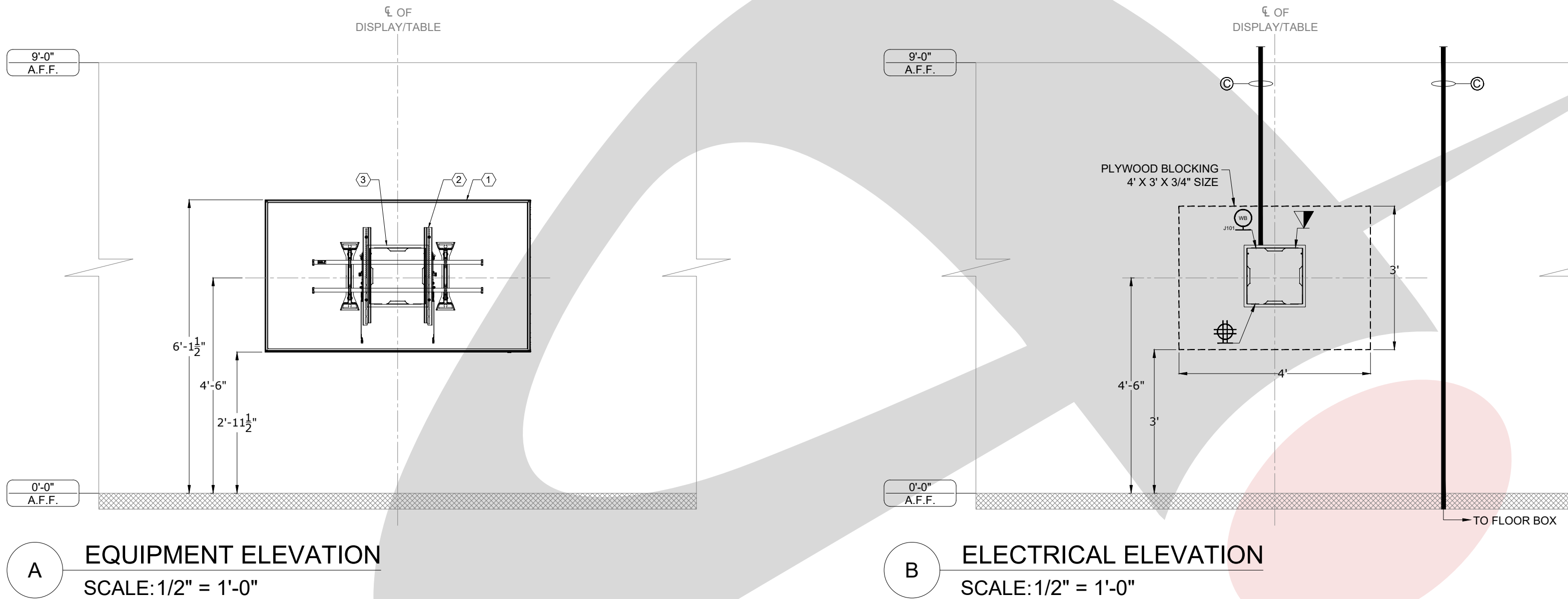
NATIVE SIZE: ARCH C (24x18)

#### AUDIO VISUAL ELECTRICAL NOTES

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:  
AV.FP41



#### AUDIO VISUAL EQUIPMENT LEGEND

- 1 SAMSUNG / QB75H / 75" DISPLAY (SEE DETAIL 1)
- 2 CHIEF / XTM1U / MOUNT FOR 75" DISPLAY (SEE DETAIL 2)
- 3 CHIEF / PAC526FCW / WALL BOX W/ RECEIVER & AMPLIFIER INSIDE (SEE DETAIL 3)
- 4 CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)
- 5 CRESTRON / SAROS /CST-W-T / CEILING SPEAKERS - TYPICAL OF 6 (SEE DETAIL 5)

CLIENT

CLIENT LOGO

ADDRESS  
Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT  
PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION  
AV EQUIPMENT &  
ELECTRICAL ELEVATIONS  
- LARGE CONFERENCE  
ROOMS 1170 & 3001

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| REV. | DATE     | DESCRIPTION |
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| ACCT. MANAGER:   | XX     |
| ENGINEER:        | XX     |
| DRAFTER:         | RD     |
| REVIEWER:        | CO     |
| PROJECT MANAGER: | XX     |
| PROJECT NUMBER:  | XXXXXX |

NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

AV.FP42

#### A/V ELECTRICAL SYMBOLS

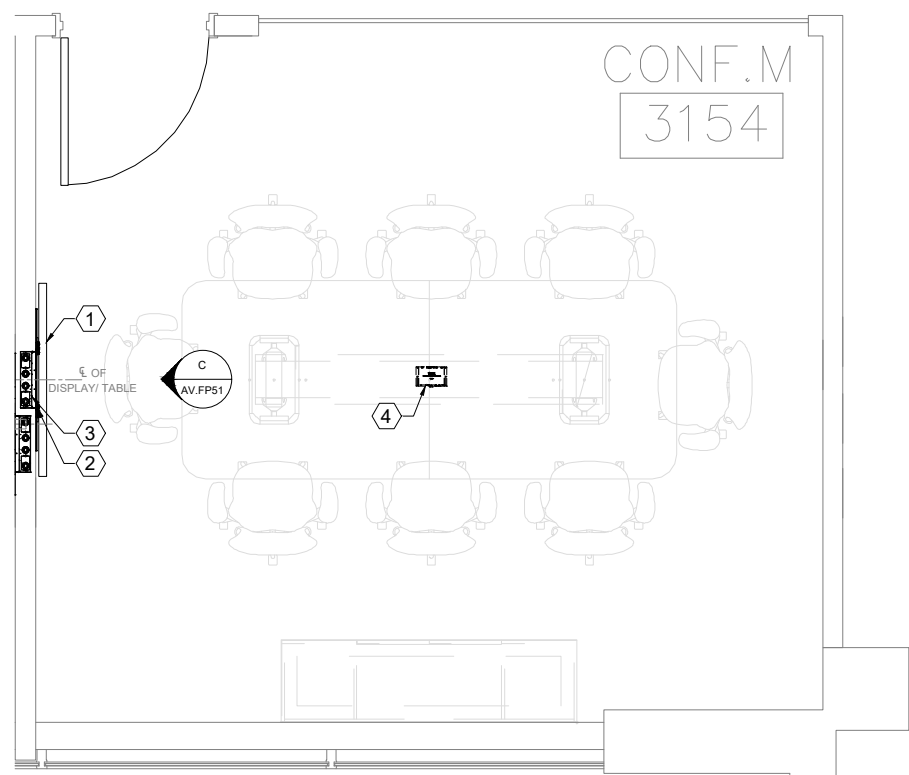
- VOICE/DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @WALL
- 2-GANG JUNCTION BOX OR MUD RING @WALL
- 3-GANG JUNCTION BOX OR MUD RING @WALL
- 4-GANG JUNCTION BOX OR MUD RING @WALL
- WALL BOX @WALL
- CABLE TV @WALL
- VOICE/DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

#### INSTALL NOTES

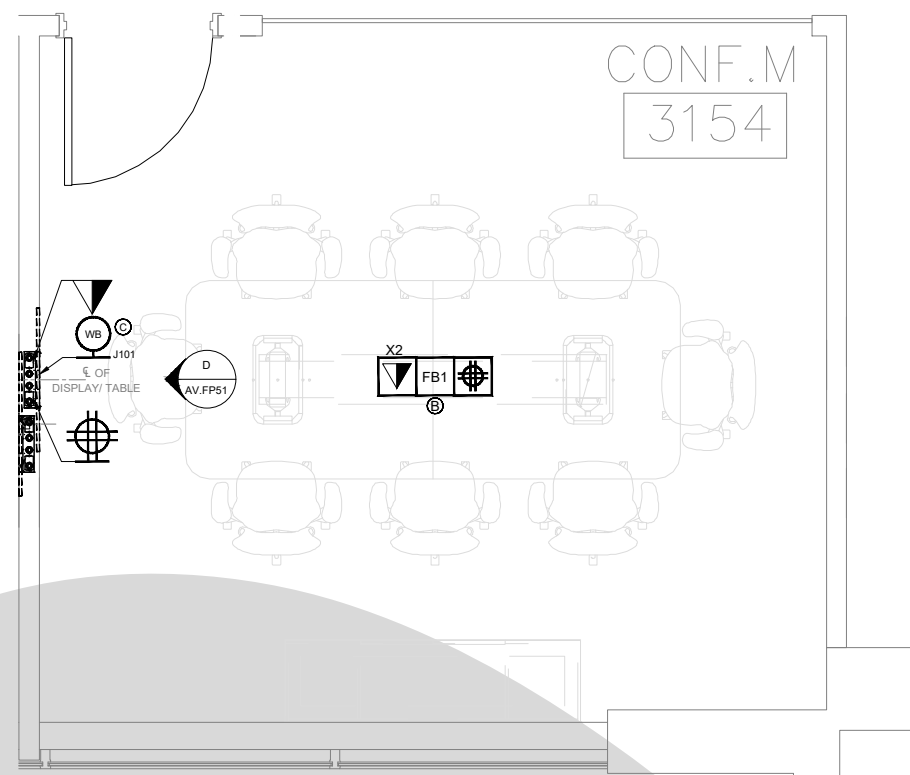
#### AUDIO VISUAL ELECTRICAL NOTES

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

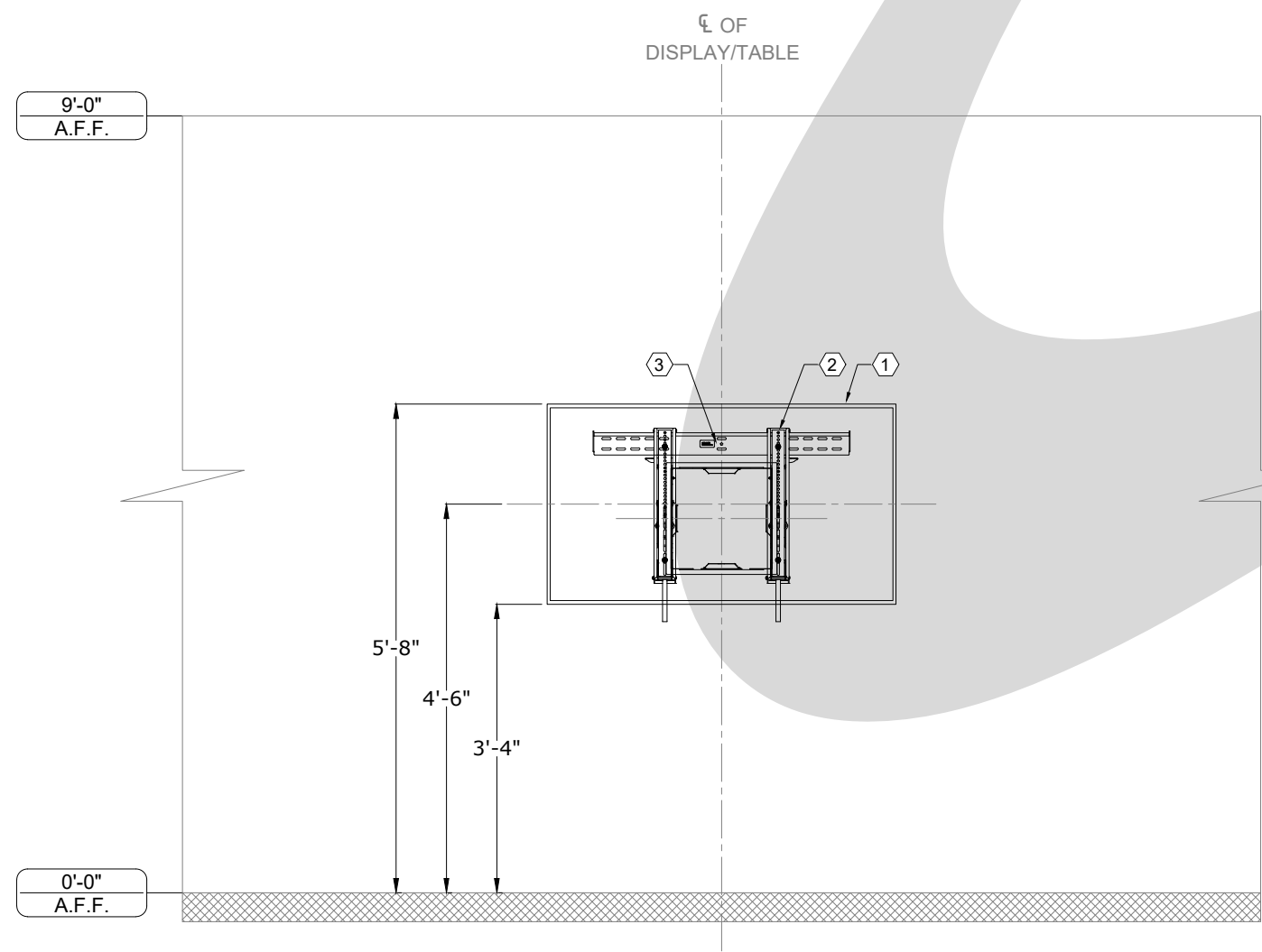




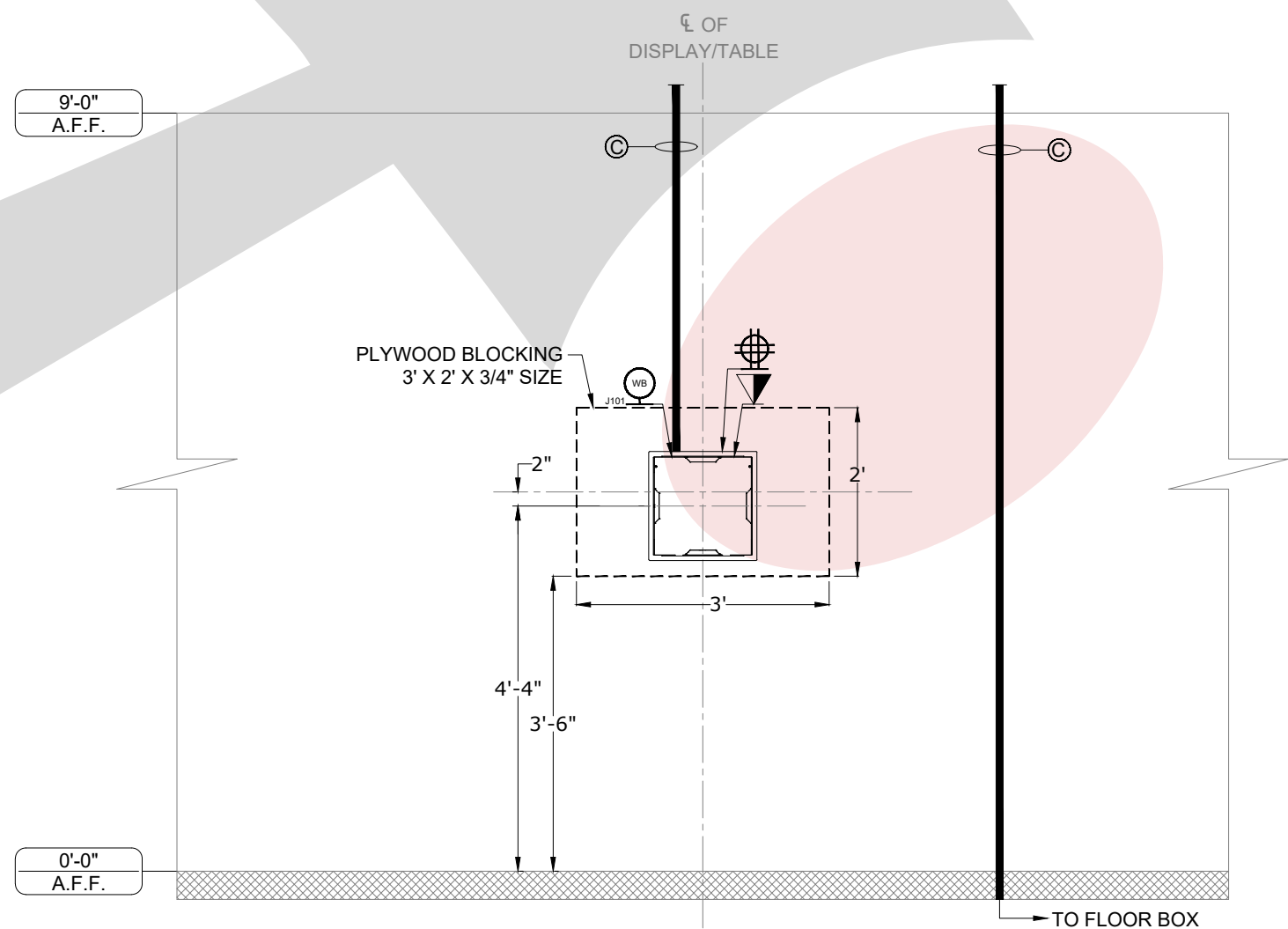
A EQUIPMENT FLOOR PLAN  
SCALE: 1/4" = 1'-0"



B ELECTRICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"



C EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



D ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"

#### AUDIO VISUAL EQUIPMENT LEGEND

- 1 SAMSUNG /DM55E / 55" DISPLAY (SEE DETAIL 15)
- 2 CHIEF / LTTU / MOUNT FOR 55" DISPLAY (SEE DETAIL 16)
- 3 CHIEF / PAC526FCW / WALL BOX W/ RECEIVER INSIDE (SEE DETAIL 3)
- 4 CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)

#### A/V ELECTRICAL SYMBOLS

- VOICE/DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @WALL
- 2-GANG JUNCTION BOX OR MUD RING @WALL
- 3-GANG JUNCTION BOX OR MUD RING @WALL
- 4-GANG JUNCTION BOX OR MUD RING @WALL
- WALL BOX @WALL
- CABLE TV @WALL
- VOICE/DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

#### INSTALL NOTES

ACCT. MANAGER: XX  
ENGINEER: XX  
DRAFTER: RD  
REVIEWER: CO  
PROJECT MANAGER: XX  
PROJECT NUMBER: XXXXXX

#### AUDIO VISUAL ELECTRICAL NOTES

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

CLIENT

CLIENT LOGO

ADDRESS

Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT

PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION

AV EQUIPMENT &  
ELECTRICAL PLANS &  
ELEVATIONS  
- MEDIUM CONFERENCE  
ROOMS 3154

ORIGINAL

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| 0    | 03-20-17 | REVIEW      |
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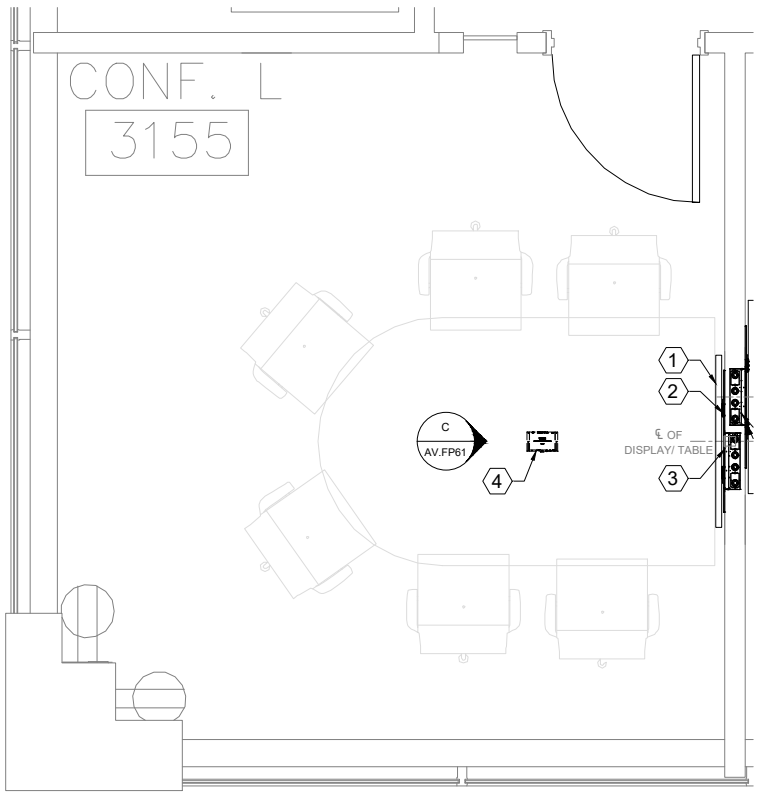
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ENGINEER: XX  
DRAFTER: RD  
REVIEWER: CO  
PROJECT MANAGER: XX  
PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

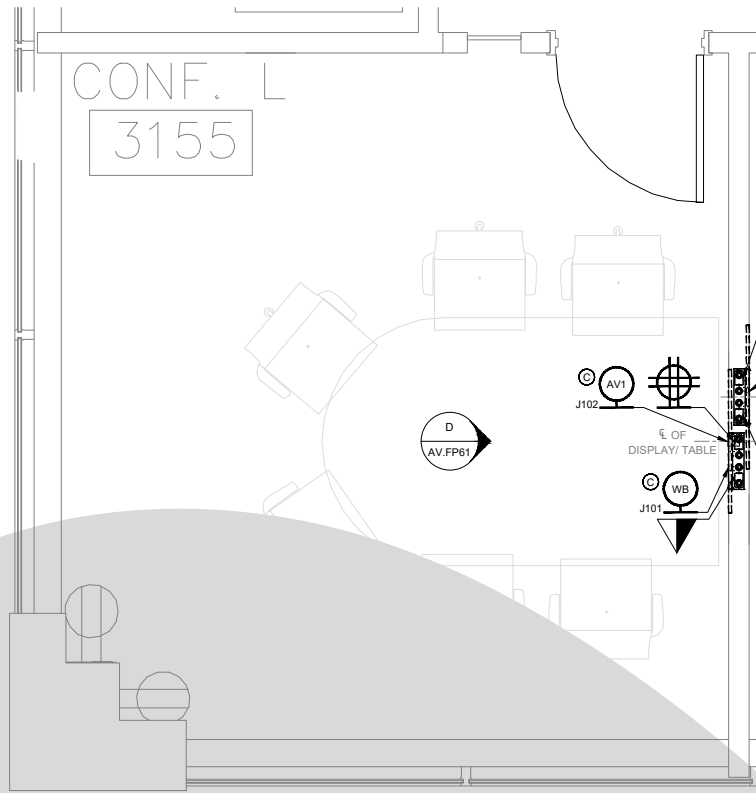
ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

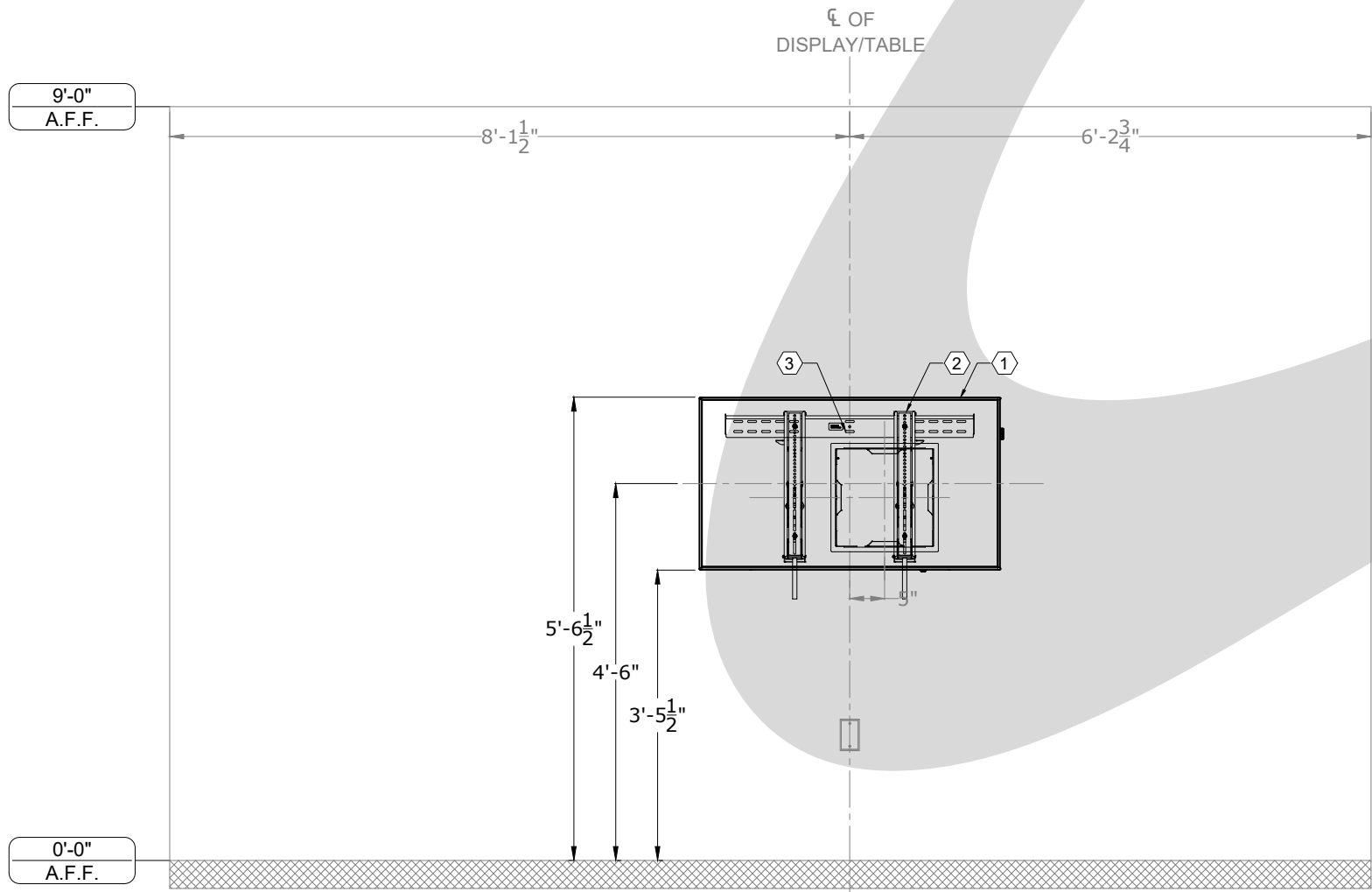
AV.FP51



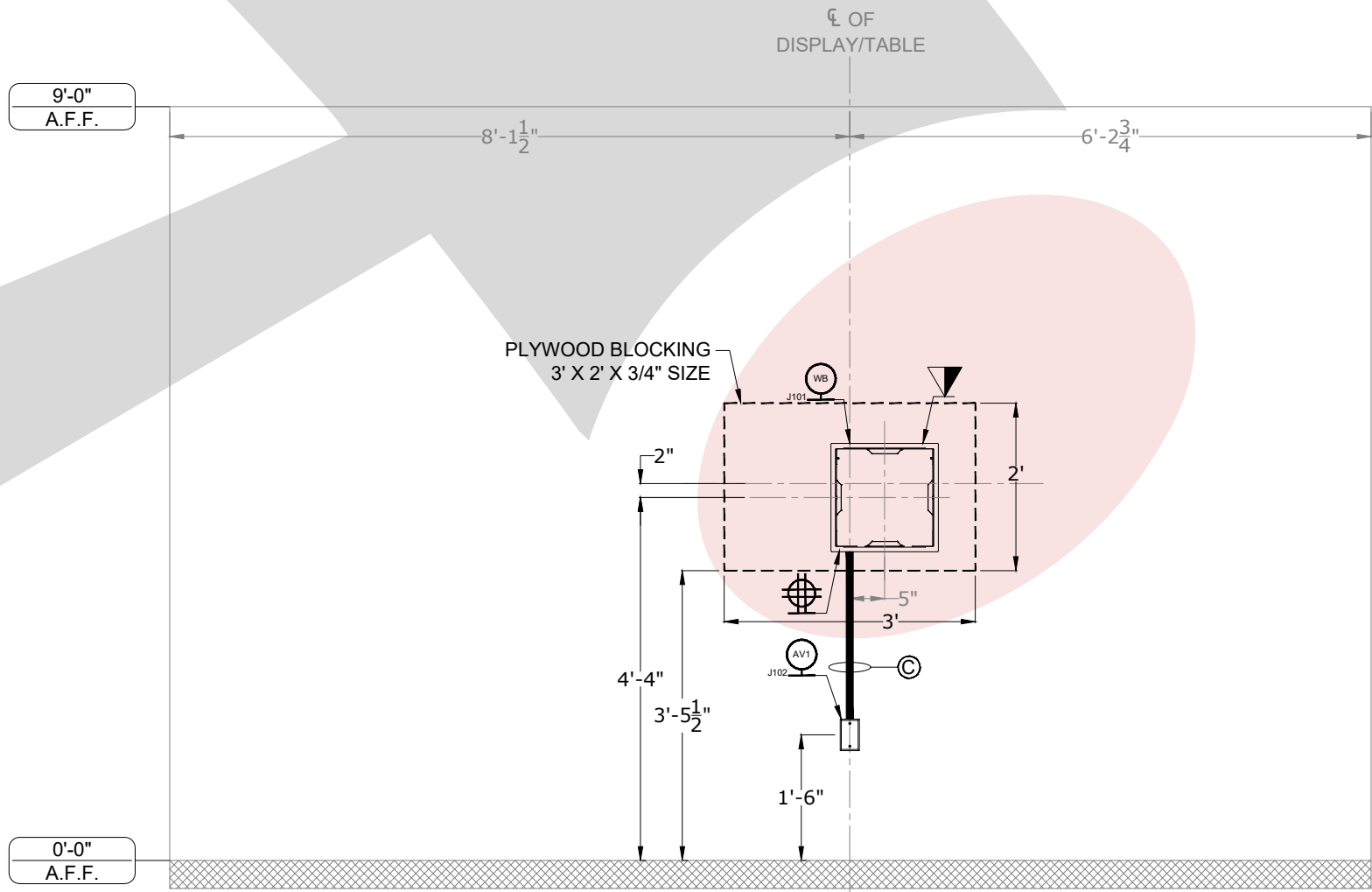
**A** EQUIPMENT FLOOR PLAN  
SCALE: 1/4" = 1'-0"



**B** ELECTRICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"



**C** EQUIPMENT ELEVATION  
SCALE: 1/2" = 1'-0"



**D** ELECTRICAL ELEVATION  
SCALE: 1/2" = 1'-0"

**AUDIO VISUAL EQUIPMENT LEGEND**

- 1 SAMSUNG / PM49H / 49" DISPLAY (SEE DETAIL 17)
- 2 CHIEF / LTTU / MOUNT FOR 49" DISPLAY (SEE DETAIL 16)
- 3 CHIEF / PAC526FCW / WALL BOX W/ RECEIVER INSIDE (SEE DETAIL 3)
- 4 CRESTRON / HD-MD-400-C-E / TRANSMITTER - UNDER TABLE (SEE DETAIL 4)

**A/V ELECTRICAL SYMBOLS**

- VOICE/DATA PORT @ FLOOR
- POWER RECEPTACLE @ FLOOR, DUPLEX, 120V/20A
- POWER RECEPTACLE @ FLOOR, QUAD, 120V/20A
- AV FLOOR BOX @ FLOOR
- AV POKE THRU @ FLOOR
- CONDUIT STUB UP @ FLOOR
- AV FLOOR CORE @ FLOOR
- AV FLOOR TRACK @ FLOOR
- VOICE/DATA PORT @ WALL
- POWER RECEPTACLE @ WALL, DUPLEX, 120V/20A
- POWER RECEPTACLE @ WALL, QUAD, 120V/20A
- POWER RECEPTACLE @ WALL, SINGLE RECESSED, 120V/20A
- 1-GANG JUNCTION BOX OR MUD RING @ WALL
- 2-GANG JUNCTION BOX OR MUD RING @ WALL
- 3-GANG JUNCTION BOX OR MUD RING @ WALL
- 4-GANG JUNCTION BOX OR MUD RING @ WALL
- WALL BOX @ WALL
- CABLE TV @ WALL
- VOICE/DATA PORT @ CEILING
- POWER RECEPTACLE @ CEILING, DUPLEX, 120V/20A
- POWER RECEPTACLE @ CEILING, QUAD, 120V/20A
- PULL AREA AT PROJECTOR LOCATION
- PULL AREA AT FLAT PANEL DISPLAY LOCATION
- CEILING MOUNTED MICROPHONE PROVIDED BY AVC
- CEILING MOUNTED SPEAKER, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED CAMERA, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- CEILING MOUNTED WIRELESS GATEWAY, REFER TO DETAIL FOR EXACT MOUNTING SPECIFICATION
- SCREEN LOW VOLTAGE INTERFACE WITH MOTOR AND INTERFACE MOUNTS ABOVE FINISHED CEILING
- PULL AREA AT PARTITION SENSOR LOCATION
- PULL AREA AT OCCUPANCY SENSOR LOCATION
- PULL AREA AT ANTENNA LOCATION

**INSTALL NOTES**

**AUDIO VISUAL ELECTRICAL NOTES**

- 1/2" CONDUIT TO ACCESSIBLE CEILING
- 3/4" CONDUIT TO ACCESSIBLE CEILING
- 1" CONDUIT TO ACCESSIBLE CEILING
- 1 1/4" CONDUIT TO ACCESSIBLE CEILING
- 1 1/2" CONDUIT TO ACCESSIBLE CEILING
- 2" CONDUIT TO ACCESSIBLE CEILING
- CLEAR CABLE PATH AND STRING TO ACCESSIBLE CEILING

**CLIENT**

CLIENT LOGO

**ADDRESS**

Address Line 1,  
Address Line 2,  
Address Line 3

**PROJECT**

PROJECT NAME

**SYSTEMS INTEGRATION**

AV COMPANY LOGO

**DESCRIPTION**

AV EQUIPMENT &  
ELECTRICAL PLANS &  
ELEVATIONS  
- SMALL CONFERENCE  
ROOM 3155

**ORIGINAL**

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|------------------|--------|
| ACCT. MANAGER:   | XX     |
| ENGINEER:        | XX     |
| DRAFTER:         | RD     |
| REVIEWER:        | CO     |
| PROJECT MANAGER: | XX     |
| PROJECT NUMBER:  | XXXXXX |

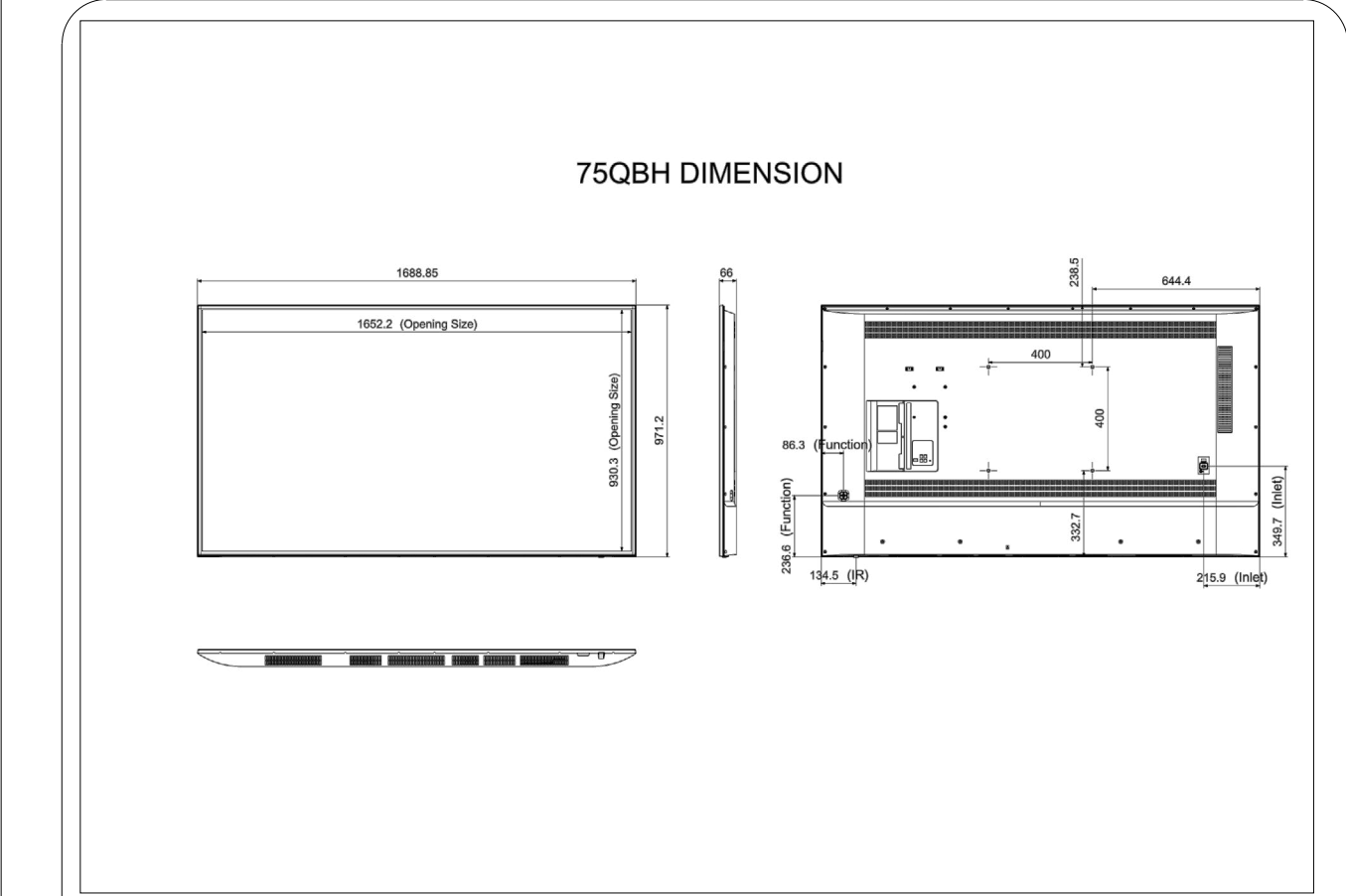
NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

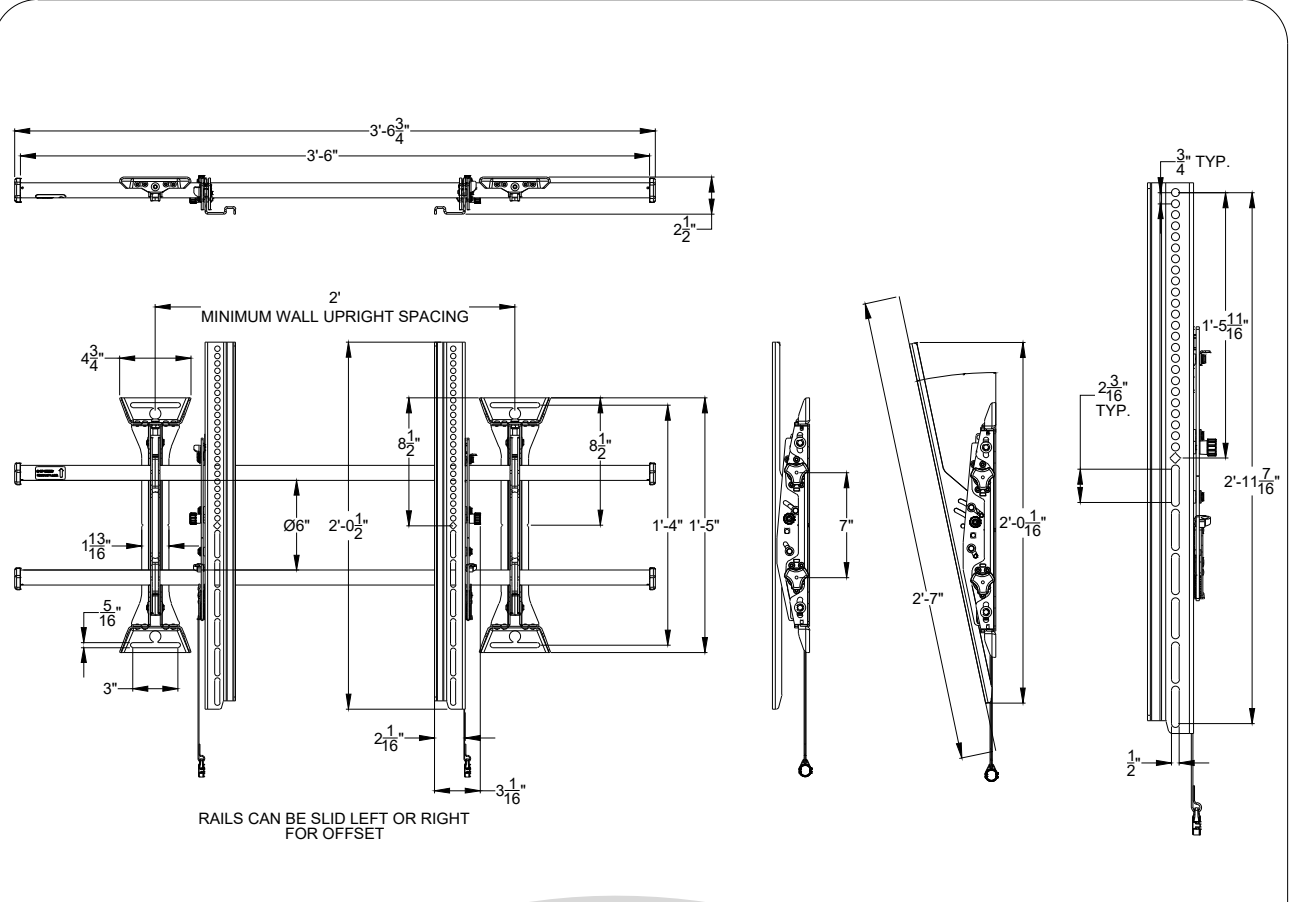
AV.FP61





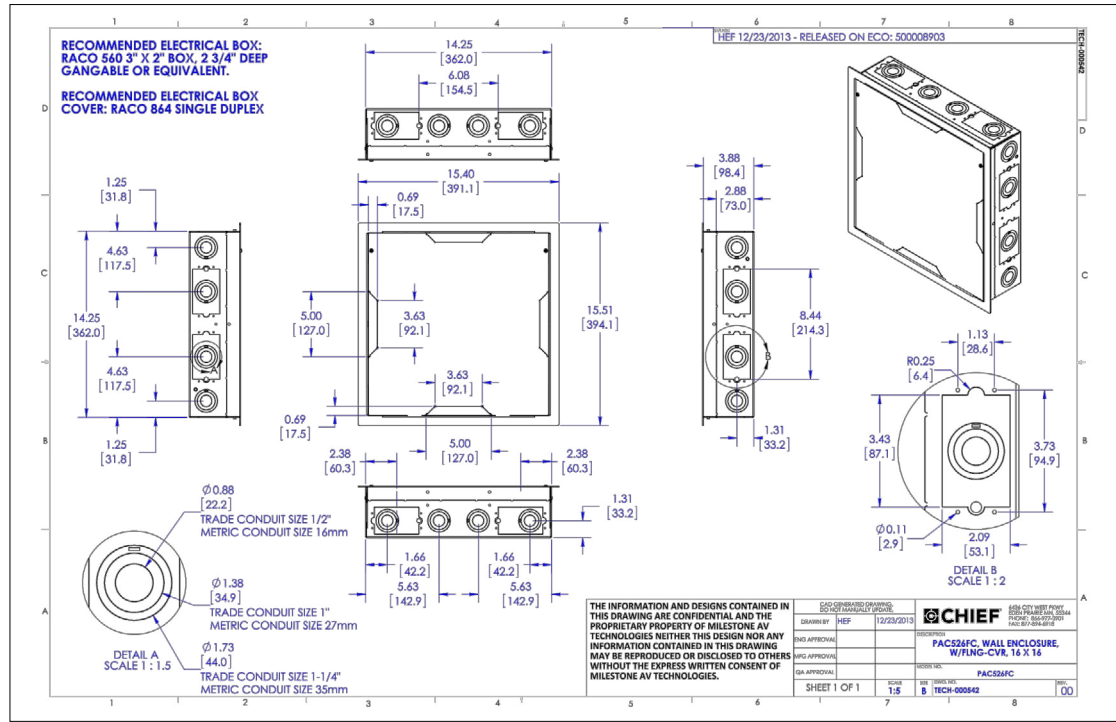
1 DESCRIPTION: 75" DISPLAY  
ROOM NAME: LARGE CONF. ROOMS 1139,1170 & 3001

MODEL NUMBER: QBT5H  
MANUFACTURER: SAMSUNG



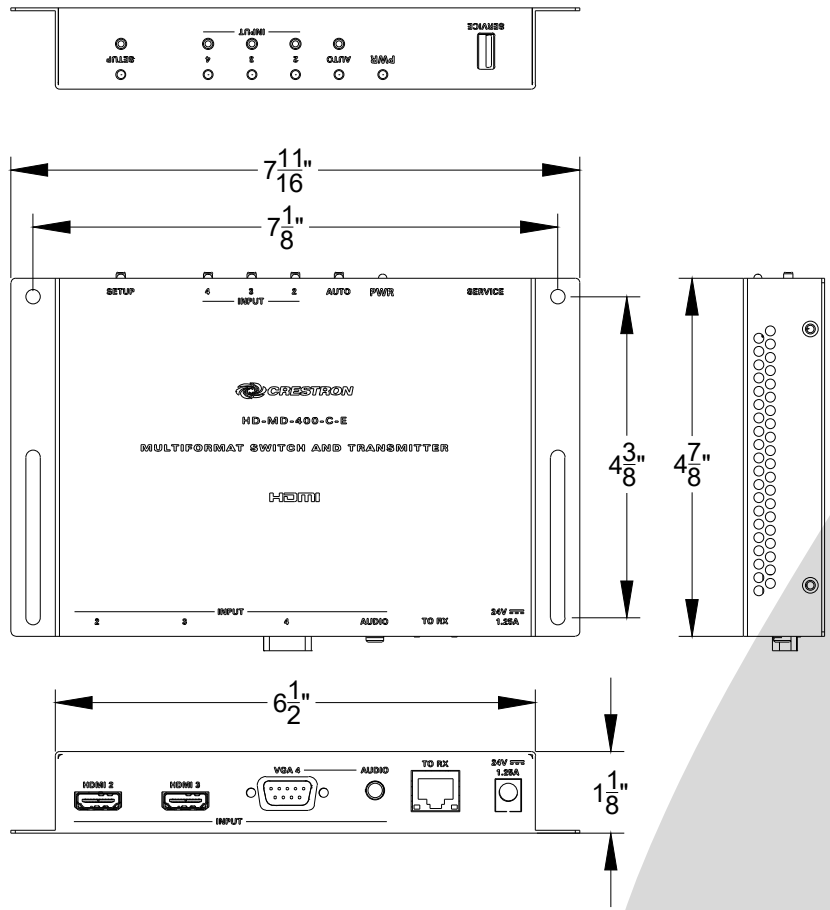
2 DESCRIPTION: DISPLAY MOUNT  
ROOM NAME: LARGE CONF. ROOMS 1139,1170 & 3001 & MPR 1167 & 1168

MODEL NUMBER: XTMTU  
MANUFACTURER: CHIEF



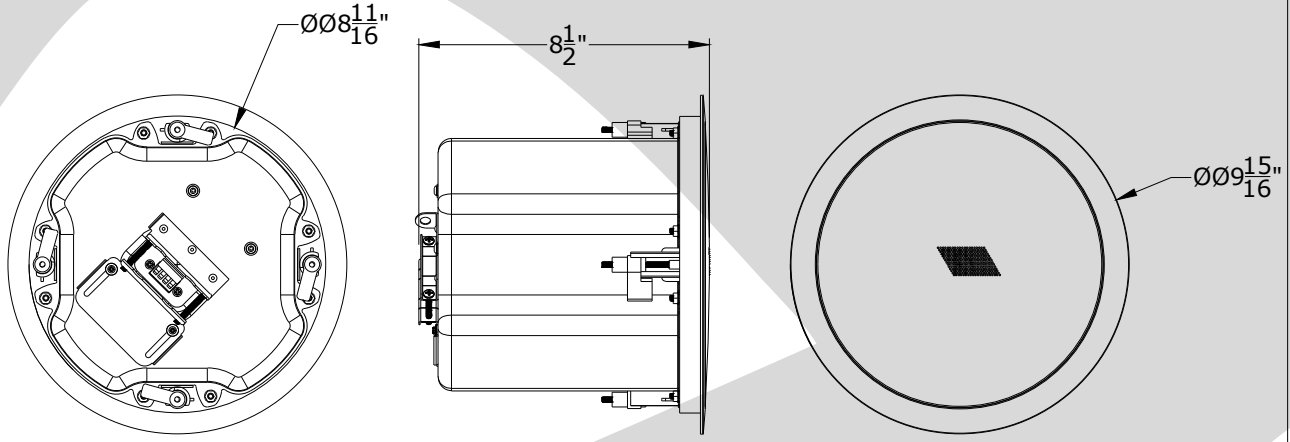
3 DESCRIPTION: WALL BOX  
ROOM NAME: ROOMS 1139,1170,1182, 3001,3154,3155 & MPR 1167 & 1168

MODEL NUMBER: PAC208FCW  
MANUFACTURER: CHIEF



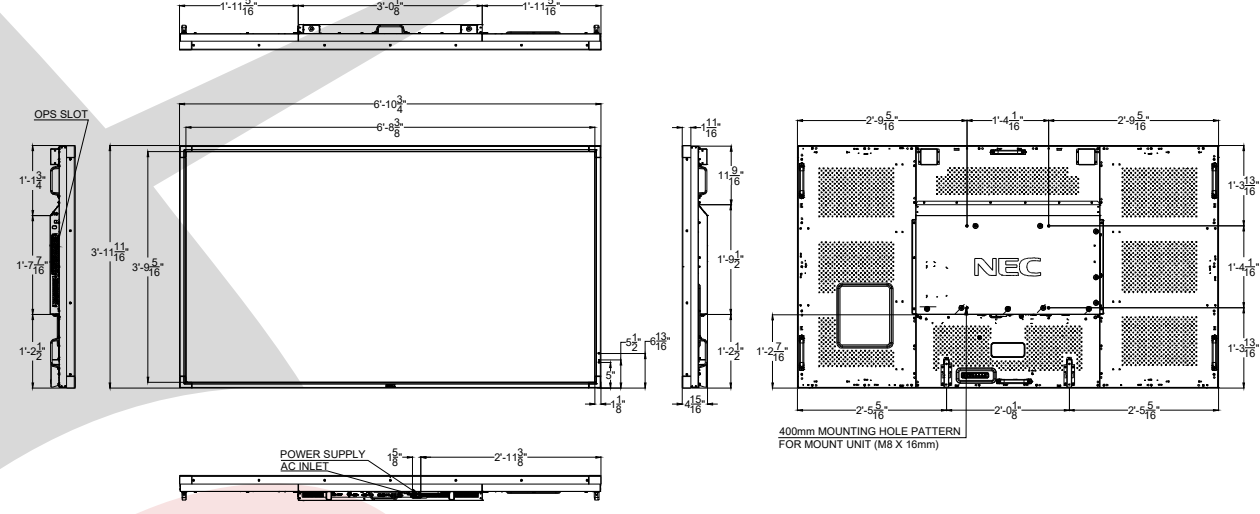
4 DESCRIPTION: TRANSMITTER  
ROOM NAME: ROOMS 1139,1170,1182, 3001,3154,3155

MODEL NUMBER: HD-MD-400-C-E  
MANUFACTURER: CRESTRON



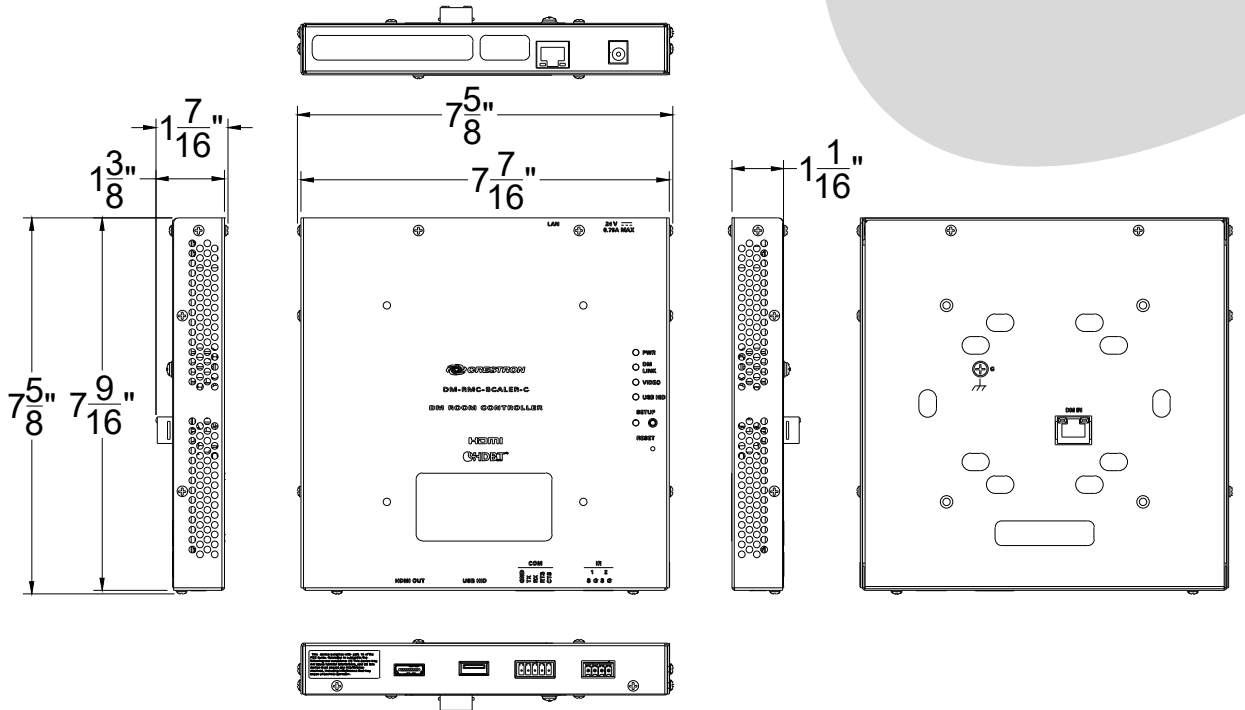
5 DESCRIPTION: CEILING SPEAKER  
ROOM NAME: LARGE CONF. ROOMS 1139,1170 & 3001

MODEL NUMBER: SAROS-ICHT  
MANUFACTURER: CRESTRON



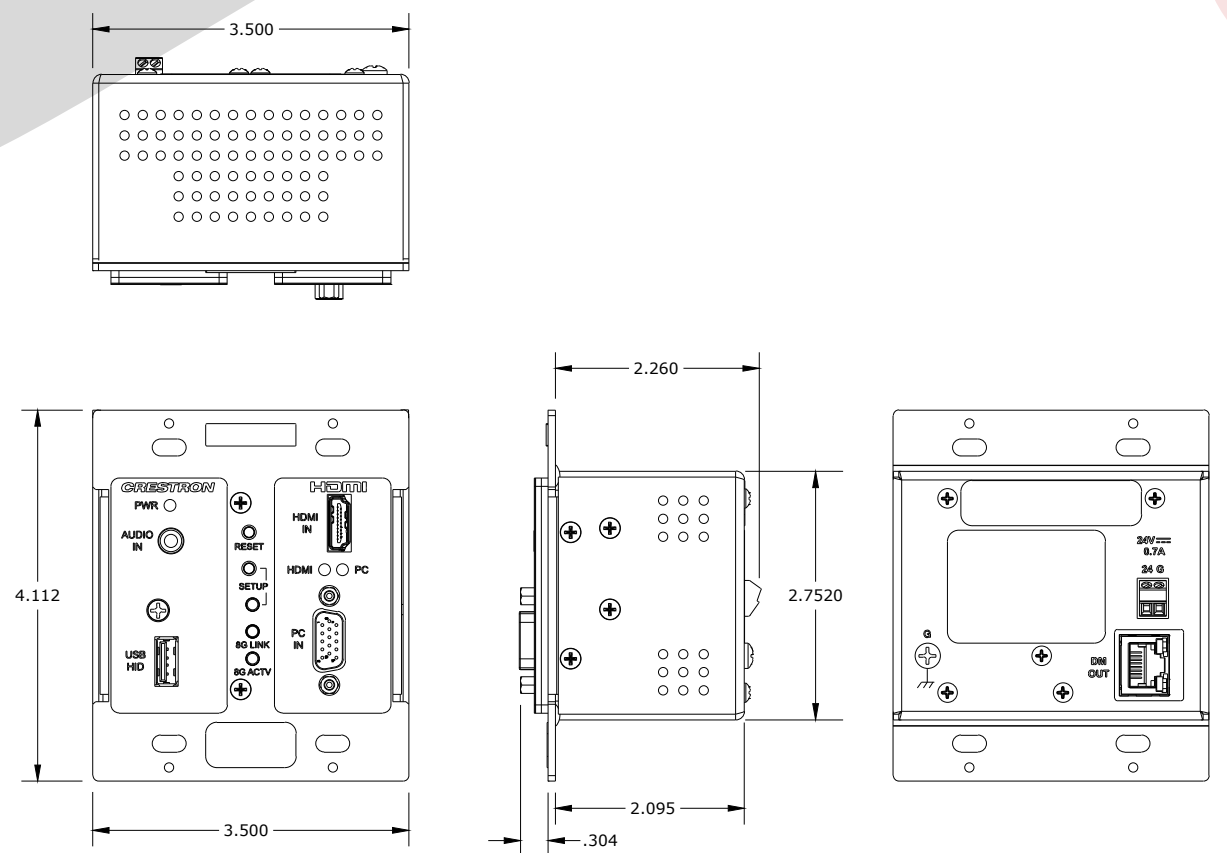
6 DESCRIPTION: 90" DISPLAY  
ROOM NAME: MPR 1167 & 1168

MODEL NUMBER: E800  
MANUFACTURER: NEC



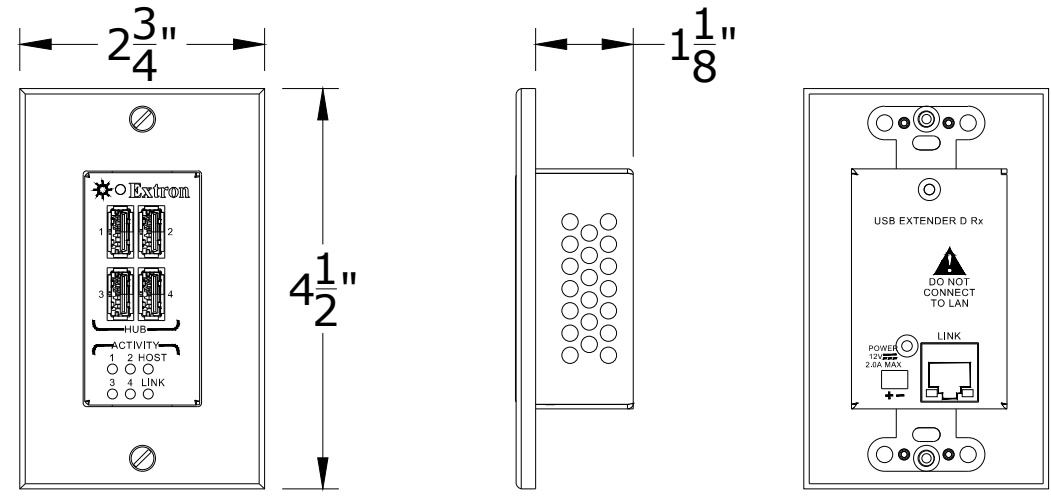
7 DESCRIPTION: RECEIVER  
ROOM NAME: MPR 1167 & 1168

MODEL NUMBER: HD-MD-400-C-E  
MANUFACTURER: CRESTRON



8 DESCRIPTION: AV INTERFACE PLATE  
ROOM NAME: MPR 1167 & 1168

MODEL NUMBER: IDA-T200-C-25  
MANUFACTURER: CRESTRON



9 DESCRIPTION: USB EXTENDER PLUS RECEIVER  
ROOM NAME: MPR 1167 & 1168

MODEL NUMBER: E800  
MANUFACTURER: NEC

CLIENT LOGO

ADDRESS  
Address Line 1,  
Address Line 2,  
Address Line 3

PROJECT  
PROJECT NAME

SYSTEMS INTEGRATION

AV COMPANY LOGO

DESCRIPTION  
AV DETAILS #1

ORIGINAL

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WITHOUT WRITTEN AUTHORIZATION.

| REV. | DATE     | DESCRIPTION |
|------|----------|-------------|
| 0    | 03-20-17 | REVIEW      |
| 1    |          |             |
| 2    |          |             |
| 3    |          |             |
| 4    |          |             |
| 5    |          |             |
| 6    |          |             |
| 7    |          |             |
| 8    |          |             |
| 9    |          |             |

ACCT. MANAGER: XX

ENGINEER: XX

DRAFTER: RD

REVIEWER: CO

PROJECT MANAGER: XX

PROJECT NUMBER: XXXXXX

NATIVE SIZE: ARCH C (24x18)

ISSUED FOR:  
☒ REVIEW ☐ COORDINATION  
☐ CONSTRUCTION ☐ AS-BUILT

DRAWING NUMBER:

AV.D01

