

# AUDIO-VISUAL SYSTEM DRAWING PACKAGE

## EXAMPLE TITLE PAGE

Designed and Drawn by Joe Held  
heldsystems.net  
Feb. 2024

NOTES:

### NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

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|---------|-----------------|-----|------------|
|         |                 |     |            |
|         |                 |     |            |
| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

ENGINEER:



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CLIENT:



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SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

TITLE PAGE

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | _____       |
| PROJECT: | SHEET: | REVISION: |             |
| _____    | AV-01  | A         |             |

| DRAWING INDEX |                                   |            |           |                                 |            |
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| AV-01         | TITLE PAGE                        | 2/1/2024   | AV-30     | MP02 - AV CABLE SCHEDULE        | 2/1/2024   |
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| AV-08         | AVCTRL - VIDEO DISTRIBUTION       | 2/1/2024   | AV-37     | MP02 - POWER DISTRIBUTION       | 2/1/2024   |
| AV-09         | AVCTRL - AUDIO DISTRIBUTION       | 2/1/2024   | AV-38     | MP02 - PLATE & PANEL            | 2/1/2024   |
| AV-10         | AVCTRL - NETWORK / CONTROL        | 2/1/2024   | AV-39     | MP02 - ER-201 RACK ELEVATION    | 2/1/2024   |
| AV-11         | AVCTRL - AV LAN NETWORK TOPOLOGY  | 2/1/2024   | AV-40     | MP02 - BACK WALL ELEVATION      | 2/1/2024   |
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| AV-16         | MP01 - AV DEVICE SCHEDULE         | 2/1/2024   | AV-45     | MP03 - FACILITY DRAWING         | 2/1/2024   |
| AV-17         | MP01 - AV CABLE SCHEDULE          | 2/1/2024   | AV-46     | MP03 - REFLECTED CEILING PLAN   | 2/1/2024   |
| AV-18         | MP01 - FACILITY DRAWING           | 2/1/2024   | AV-47     | MP03 - VIDEO DISTRIBUTION       | 2/1/2024   |
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| AV-20         | MP01 - VIDEO DISTRIBUTION         | 2/1/2024   | AV-49     | MP03 - AUDIO DISTRIBUTION       | 2/1/2024   |
| AV-21         | MP01 - FLOOR BOX INPUTS           | 2/1/2024   | AV-50     | MP03 - NETWORK / CONTROL        | 2/1/2024   |
| AV-22         | MP01 - AUDIO DISTRIBUTION         | 2/1/2024   | AV-51     | MP03 - POWER DISTRIBUTION       | 2/1/2024   |
| AV-23         | MP01 - NETWORK / CONTROL          | 2/1/2024   | AV-52     | MP03 - PLATE & PANEL (1_/2)     | 2/1/2024   |
| AV-24         | MP01 - POWER DISTRIBUTION         | 2/1/2024   | AV-53     | MP03 - PLATE & PANEL (2_/2)     | 2/1/2024   |
| AV-25         | MP01 - PLATE & PANEL              | 2/1/2024   | AV-54     | MP03 - ER-301 RACK ELEVATION    | 2/1/2024   |
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| AV-27         | MP01 - BACK WALL ELEVATION        | 2/1/2024   | AV-56     | MP03 - NORTH WALL ELEVATION     | 2/1/2024   |
| AV-28         | MP01 - FRONT WALL ELEVATION       | 2/1/2024   | AV-57     | MP03 - FRONT WALL ELEVATION     | 2/1/2024   |
| AV-29         | MP02 - AV DEVICE SCHEDULE         | 2/1/2024   | AV-58     | MP03 - BACK WALL ELEVATION      | 2/1/2024   |

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A

INITIAL DRAWING

JH

02/01/2024

REV:

DESCRIPTION:

BY:

DATE:

STATUS:

ENGINEER:



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CLIENT NAME  
321 FAKE WAY  
SOME PLACE, MD  
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SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

DRAWING LEGEND

SACLE:

DATE:

DRAWN BY:

CHECKED BY:

NTS

2/1/24

JH

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PROJECT:

SHEET:

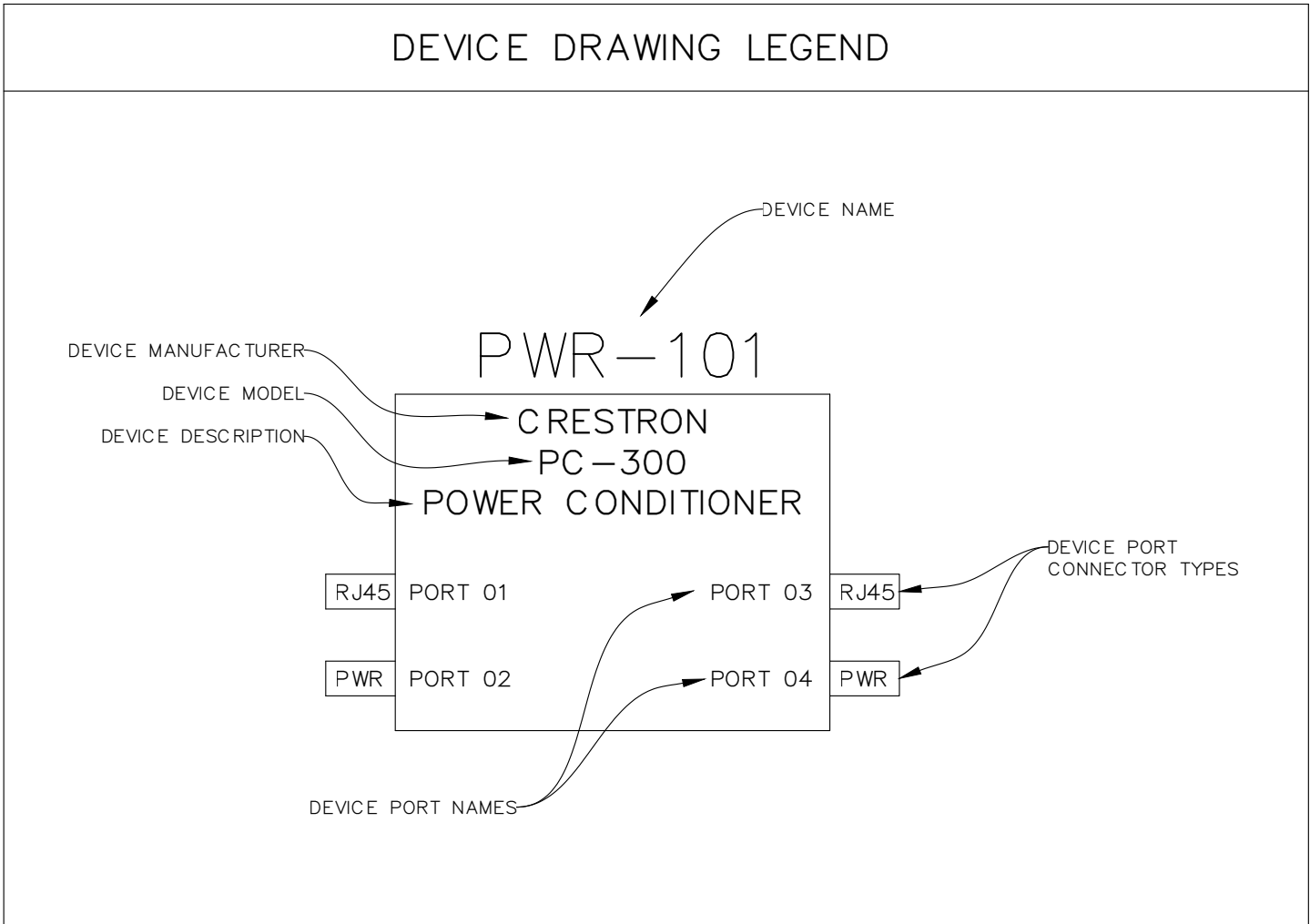
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AV—02

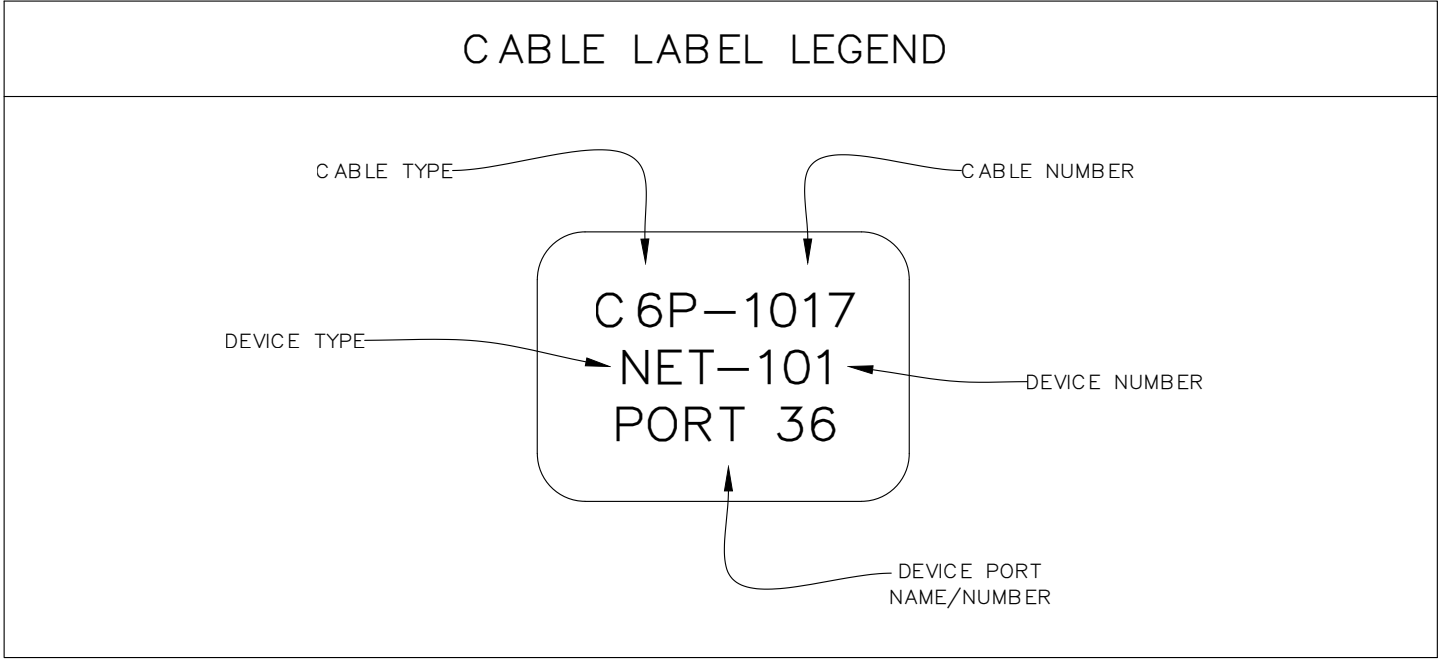
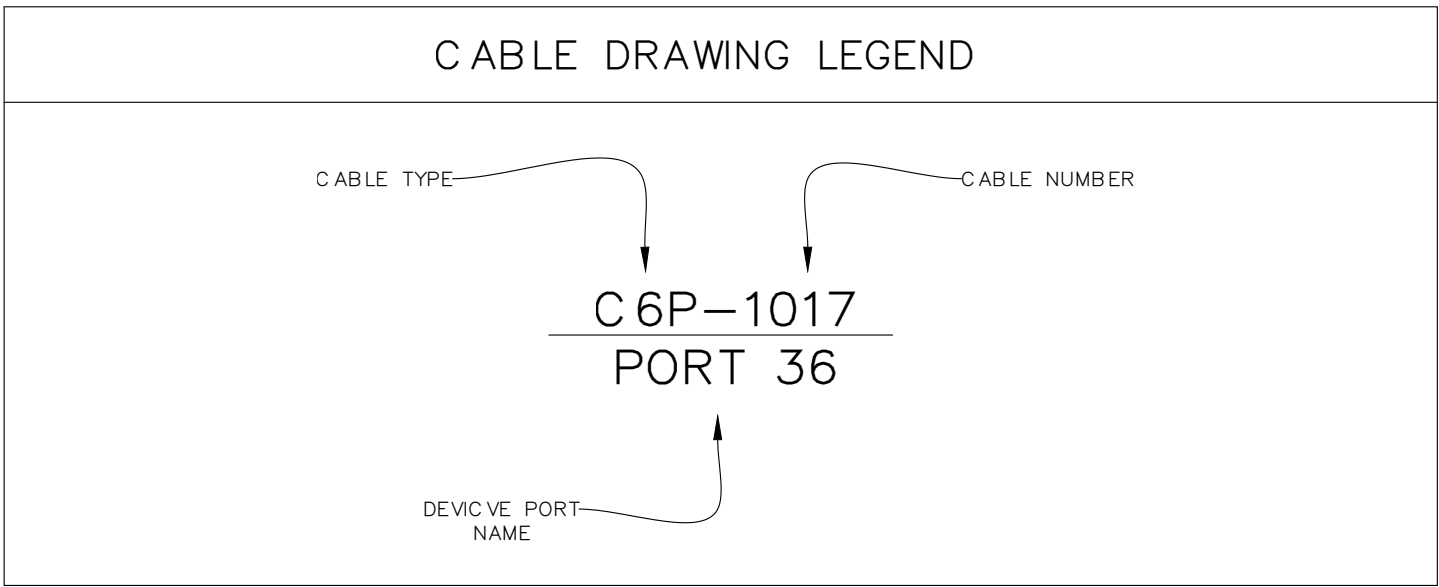
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| A/V CABLE CONNECTOR SYMBOL LEGEND                         |                                                          |                                              |                                                   |
|-----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------|---------------------------------------------------|
| DATA / CONTROL                                            | AUDIO                                                    | VIDEO                                        | MISCELLANEOUS                                     |
| <div>RJ11</div> — 6P4C MODULAR PLUG                       | <div>XLR<sup>F</sup></div> — 3 PIN XLR CONNECTOR, FEMALE | <div>HDMI</div> — HDMI CONNECTOR             | <div>PHX</div> — PHOENIX BLOCK                    |
| <div>RJ45</div> — 8P8C MODULAR PLUG                       | <div>XLR<sup>M</sup></div> — 3 PIN XLR CONNECTOR, MALE   | <div>DVI</div> — DVI CONNECTOR               | <div>BW</div> — BARE WIRE CONNECTION              |
| <div>SJ45</div> — 8P8C MODULAR PLUG, SHIELDED             | <div>TS</div> — ¼" TIP-SLEEVE CONNECTOR                  | <div>VGA</div> — VGA CONNECTOR               | <div>BC</div> — BARREL CONNECTOR                  |
| <div>D9<sup>F</sup></div> — 9 PIN D-SUB CONNECTOR, FEMALE | <div>TRS</div> — ¼" TIP-RING-SLEEVE CONNECTOR            | <div>F</div> — F TYPE COAXIAL CONNECTOR      | <div>PWR</div> — IEC POWER CABLE CONNECTOR        |
| <div>D9<sup>M</sup></div> — 9 PIN D-SUB CONNECTOR, MALE   | <div>MTRS</div> — ½" TIP-RING-SLEEVE CONNECTOR           | <div>BNC</div> — BNC COAXIAL CONNECTOR       | <div>FS</div> — FACTORY SUPPLIED/CUSTOM CONNECTOR |
| <div>LC</div> — LC FIBER CONNECTOR                        | <div>RCM</div> — RCA CONNECTOR, MALE                     | <div>ABNC</div> — ABNC COAXIAL CONNECTOR     |                                                   |
| <div>SC</div> — SC FIBER CONNECTOR                        | <div>RCF</div> — RCA CONNECTOR, FEMALE                   | <div>MBNC</div> — MINI-BNC COAXIAL CONNECTOR |                                                   |
| <div>USB<sup>A</sup></div> — USB-A CONNECTOR              | <div>NL4</div> — 4 POLE SPEAKON CONNECTOR                | <div>DP</div> — DISPLAY PORT CONNECTOR       |                                                   |
| <div>USB<sup>B</sup></div> — USB-B CONNECTOR              |                                                          | <div>MDP</div> — MINI-DISPLAY PORT CONNECTOR |                                                   |
| <div>USB<sup>C</sup></div> — USB-C CONNECTOR              |                                                          |                                              |                                                   |



| A/V DEVICE SYMBOL LEGEND |                          |
|--------------------------|--------------------------|
| SYMBOL                   | DESCRIPTION              |
| <div>CAM000</div>        | PTZ/TRACKING CAMERA      |
| <div>ER-000</div>        | EQUIPMENT RACK           |
| <div>FB000</div>         | FLOOR BOX                |
| <div>LCD-000</div>       | WALL MOUNTED LCD DISPLAY |
| <div>MIC-000</div>       | CEILING MICROPHONE ARRAY |
| <div>MUTE000</div>       | MICROPHONE MUTE BUTTON   |
| <div>NVXE000</div>       | NVX ENDPOINT, (TX OR RX) |
| <div>SPK-000</div>       | CEILING SPEAKER          |
| <div>TP000</div>         | TOUCH PANEL              |
| <div>USB000</div>        | USB HUB OR PLATE         |
| <div>WB000</div>         | WALL BOX                 |
| <div>WP000</div>         | WALL PLATE               |

| CABLE AND WIRE TYPE SCHEDULE |                              |              |                 |                                                                                 |
|------------------------------|------------------------------|--------------|-----------------|---------------------------------------------------------------------------------|
| CODE                         | CABLE TYPE                   | MANUFACTURER | PART NO.        | DESCRIPTION                                                                     |
| A1                           | ANTENNA                      | BELDEN       | 82240 010Z1000  | RG-58 COAXIAL CABLE, 50Ω, 20AWG SOLID, PLENUM, 1000'                            |
| C1                           | RS232/SERIAL                 | BELDEN       | 8451 010U1000   | SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'                  |
| C3                           | CATEGORY 3                   | COMMSCOPE    | 760171033       | CAT 6A TWISTED PAIR CABLE, F/UTP (SHIELDED), 23AWG SOLID, PLENUM, PURPLE, 1000' |
| C6                           | CATEGORY 6/6A                | COMMSCOPE    | 760171033       | CAT 6A TWISTED PAIR CABLE, F/UTP (SHIELDED), 23AWG SOLID, PLENUM, PURPLE, 1000' |
| C6P                          | CATEGORY 6/6A, PATCH CABLE   | MONOPRICE    | 8600            | CAT 6A TWISTED PAIR PATCH CABLE, S/FTP (SHIELDED), 26AWG STRANDED, PURPLE, 6"   |
| DP                           | DISPLAY PORT                 | MONOPRICE    | VARIOUS         | DISPLAY PORT VIDEO CABLE, VARIOUS LENGTHS                                       |
| F1                           | CATV COAXIAL                 | BELDEN       | 9116 010U1000   | RG-6 COAXIAL CABLE, 75Ω, 18AWG SOLID, 1000'                                     |
| FS                           | FACTORY SUPPLIED             | VARIOUS      | VARIOUS         | VARIOUS VENDOR SPECIFIC FACTORY SUPPLIED CABLES                                 |
| HD                           | HDMI                         | CRESTRON     | VARIOUS         | HDMI 2.1 CABLE, 48 GBPS, 8K, VARIOUS LENGTHS                                    |
| L1                           | LINE LEVEL AUDIO, BALANCED   | BELDEN       | 8451 010U1000   | SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'                  |
| L2                           | LINE LEVEL AUDIO, UNBALANCED | BELDEN       | 8451 010U1000   | SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'                  |
| M1                           | MIC LEVEL AUDIO, BALANCED    | BELDEN       | 8451 010U1000   | SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'                  |
| MMF                          | MULTIMODE FIBER              | CORNING      | VARIOUS         | BULK MULTIMODE FIBER CABLE, VARIOUS LENGTHS AND STRAND COUNT                    |
| PWR                          | POWER                        | VARIOUS      | VARIOUS         | VARIOUS DEVICE/VENDOR SPECIFIC POWER CABLES, HIGH AND LOW VOLTAGE               |
| S1                           | SPEAKER, 16AWG               | BELDEN       | 5100UE 010Z1000 | 2 CONDUCTOR SPEAKER CABLE, 16AWG, 1000' REELTUFF BOX                            |
| S2                           | SPEAKER, 12AWG               | BELDEN       | 6000UE 010Z1000 | 2 CONDUCTOR SPEAKER CABLE, 12AWG, 1000' REELTUFF BOX                            |
| SDI                          | COAXIAL VIDEO CABLE, RG59    | BELDEN       | 9116 010U1000   | RG-6 COAXIAL CABLE, 75Ω, 18AWG SOLID, 1000'                                     |
| SMF                          | SINGLEMODE FIBER             | CORNING      | VARIOUS         | BULK SINGLEMODE FIBER CABLE, VARIOUS LENGTHS AND STRAND COUNT                   |
| USB                          | USB 2.0                      | MONOPRICE    | VARIOUS         | USB 2 DEVICE CABLES, VARIOUS LENGTHS AND CONNECTOR TYPES                        |
| USB3                         | USB 3.0+                     | MONOPRICE    | VARIOUS         | USB 3+ DEVICE CABLES, VARIOUS LENGTHS AND CONNECTOR TYPES                       |
| VGA                          | VGA                          | VARIOUS      | VARIOUS         | VGA VIDEO CABLE, VARIOUS LENGTHS                                                |



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| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| ENGINEER:       | JOE HELD<br>1234 FAKE AVE<br>BALTIMORE, MD<br>21224<br>HELDSYSTEMS.NET |
| .logo-black.png |                                                                        |

|                 |                                                        |
|-----------------|--------------------------------------------------------|
| CLIENT:         | CLIENT NAME<br>321 FAKE WAY<br>SOME PLACE, MD<br>21224 |
| .logo-black.png |                                                        |

|                   |        |           |             |
|-------------------|--------|-----------|-------------|
| SITE:             |        |           |             |
| EXAMPLE AV SYSTEM |        |           |             |
| DRAWING TITLE:    |        |           |             |
| DRAWING LEGEND    |        |           |             |
| SACLE:            | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS               | 2/1/24 | JH        | _____       |
| PROJECT:          | SHEET: |           | REVISION:   |
| _____             | AV-03  |           | A           |

AVCTRL - A/V DEVICE SCHEDULE (1/2)

AVCTRL - A/V DEVICE SCHEDULE (2/2)

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CLIENT NAME

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|                            |        |           |             |
|----------------------------|--------|-----------|-------------|
| SITE:                      |        |           |             |
| EXAMPLE AV SYSTEM          |        |           |             |
| DRAWING TITLE:             |        |           |             |
| AVC CTRL – DEVICE SCHEDULE |        |           |             |
| SACLE:                     | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS                        | 2/1/24 | JH        | ----        |
| PROJECT:                   | SHEET: | REVISION: |             |
| ----                       | AV-04  | A         |             |

| ER-401                |             |              |                          |                              |          |                |
|-----------------------|-------------|--------------|--------------------------|------------------------------|----------|----------------|
| #                     | DEVICE NAME | MAKE         | MODEL                    | DESCRIPTION                  | STATUS   | NOTES          |
| 1                     | VTC-401     | CISCO        | CS-CODEC-PRO-NR          | VTC CODEC                    | NEW      |                |
| 2                     | CONV-401    | BLACKMAGIC   | CONVMCIC/SH03G/WPSU      | SDI/HDMI CONVERTER           | NEW      |                |
| 3                     | CONV-402    | BLACKMAGIC   | CONVMCIC/SH03G/WPSU      | SDI/HDMI CONVERTER           | NEW      |                |
| 4                     | CONV-403    | BLACKMAGIC   | CONVMCIC/SH03G/WPSU      | SDI/HDMI CONVERTER           | NEW      |                |
| 5                     | CAP-401     | EVERTZ       | 7825CCE-3G               | CAPTIONS EMBEDDER            | EXISTING |                |
| 6                     | ENC-401     | HAIVISION    | MAKITO K                 | DVIDS ENCODER                | EXISTING |                |
| 7                     | DMF-401     | CRESTRON     | DMF-CI-8                 | NVX CARD CHASIS              | NEW      |                |
| 8                     | NVXC-401    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 9                     | NVXC-402    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 10                    | NVXC-403    | CRESTRON     | DM-NVX-D30C              | NVX DECODER CARD             | NEW      |                |
| 11                    | NVXC-404    | CRESTRON     | DM-NVX-D30C              | NVX DECODER CARD             | NEW      |                |
| 12                    | NVXC-405    | CRESTRON     | DM-NVX-D30C              | NVX DECODER CARD             | NEW      |                |
| 13                    | NVXC-406    | CRESTRON     | DM-NVX-363C              | NVX ENCODER/DECODER CARD     | NEW      |                |
| 14                    | NVXC-407    | CRESTRON     | DM-NVX-D30C              | NVX DECODER CARD             | NEW      |                |
| 15                    | NVXC-408    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 16                    | DMF-402     | CRESTRON     | DMF-CI-8                 | NVX CARD CHASIS              | NEW      |                |
| 17                    | NVXC-409    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 18                    | NVXC-410    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 19                    | NVXC-411    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 20                    | NVXC-412    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 21                    | NVXC-413    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 22                    | NVXC-414    | CRESTRON     | DM-NVX-E30C              | NVX ENCODER CARD             | NEW      |                |
| 23                    | NVXC-415    | CRESTRON     | DM-NVX-D30C              | NVX DECODER CARD             | NEW      |                |
| 24                    | NVXC-416    | CRESTRON     | DM-NVX-D30C              | NVX DECODER CARD             | NEW      |                |
| 25                    | IPTV-401    | BRIGHTSIGN   | XD3                      | IPTV TUNER                   | EXISTING |                |
| 26                    | IPTV-402    | BRIGHTSIGN   | XD3                      | IPTV TUNER                   | EXISTING |                |
| 27                    | IPTV-403    | BRIGHTSIGN   | XD3                      | IPTV TUNER                   | EXISTING |                |
| 28                    | IPTV-404    | BRIGHTSIGN   | XD3                      | IPTV TUNER                   | EXISTING |                |
| 29                    | IPTV-405    | BRIGHTSIGN   | XD3                      | IPTV TUNER                   | EXISTING |                |
| 30                    | IPTV-406    | BRIGHTSIGN   | XD3                      | IPTV TUNER                   | EXISTING |                |
| 31                    | NET-402     | NETGEAR      | M4250-40G8XF-POE+        | NETWORK SWITCH               | NEW      |                |
| 32                    | NET-401     | NETGEAR      | M4250-40G8XF-POE+        | NETWORK SWITCH               | NEW      |                |
| 33                    | CONV-404    | BLACKMAGIC   | CONVMCIC/SH0/WPSU        | SDI/HDMI CONVERTER           | NEW      |                |
| 34                    | CONV-405    | BLACKMAGIC   | CONVMCIC/SH0/WPSU        | SDI/HDMI CONVERTER           | NEW      |                |
| 35                    | REC-401     | BLACKMAGIC   | HYPERDECK STUDIO 4K PRO  | SIPR VIDEO RECORDER          | NEW      |                |
| 36                    | REC-402     | BLACKMAGIC   | HYPERDECK STUDIO 4K PRO  | NIPR VIDEO RECORDER          | NEW      |                |
| 37                    | DSP-401     | QSC          | CORE 110F V2             | DSP                          | NEW      |                |
| 38                    | NVXE-423    | CRESTRON     | DM-NVX-363               | NVX ENCODER/DECODER ENDPOINT | NEW      |                |
| 39                    | AMP-401     | QSC          | CX-2 2K4                 | SPEAKER AMPLIFIER            | NEW      |                |
| 40                    | PWR-401     | CRESTRON     | PC-300                   | POWER CONDITIONER            | NEW      |                |
| 41                    | PWR-402     | CRESTRON     | PC-300                   | POWER CONDITIONER            | NEW      |                |
| 42                    | PWR-403     | CRESTRON     | PC-300                   | POWER CONDITIONER            | NEW      |                |
| 43                    | PWR-404     | CRESTRON     | PC-300                   | POWER CONDITIONER            | NEW      |                |
| 44                    | PWR-405     | CRESTRON     | PC-300                   | POWER CONDITIONER            | NEW      |                |
| 45                    | PWR-406     | CRESTRON     | PC-300                   | POWER CONDITIONER            | NEW      |                |
| 46                    | CP-401      | CRESTRON     | CP4N                     | CONTROL PROCESSOR            | NEW      |                |
| 47                    | CONV-406    | STARTTECH    | ET91000SM10              | FIBER/COPPER MEDIA CONVERTER | NEW      |                |
| 48                    | SW-401      | SECURESWITCH | FIBER A/B/C SWITCH REV B | FIBER A/B/C SWITCH           | EXISTING |                |
| AVCTRL - WORKSTATIONS |             |              |                          |                              |          |                |
| #                     | DEVICE NAME | MAKE         | MODEL                    | DESCRIPTION                  | STATUS   | NOTES          |
| 49                    | NVXE-406    | CRESTRON     | DM-NVX-D30               | NVX DECODER ENDPOINT         | NEW      | WORKSTATION 01 |
| 50                    | NVXE-408    | CRESTRON     | DM-NVX-E30               | NVX ENCODER ENDPOINT         | NEW      | WORKSTATION 01 |
| 51                    | LCD-410     | SAMSUNG      | CJ890                    | 49" CURVED LCD MONITOR       | EXISTING | WORKSTATION 01 |
| 52                    | LAPTOP 01   | EXISTING     | EXISTING                 | WORKSTATION 01 LAPTOP        | EXISTING | WORKSTATION 01 |
| 53                    | NVXE-407    | CRESTRON     | DM-NVX-D30               | NVX DECODER ENDPOINT         | NEW      | WORKSTATION 02 |
| 54                    | NVXE-409    | CRESTRON     | DM-NVX-E30               | NVX ENCODER ENDPOINT         | NEW      | WORKSTATION 02 |
| 55                    | LCD-411     | SAMSUNG      | CJ890                    | 49" CURVED LCD MONITOR       | EXISTING | WORKSTATION 02 |
| 56                    | LAPTOP 02   | EXISTING     | EXISTING                 | WORKSTATION 02 LAPTOP        | EXISTING | WORKSTATION 02 |
| 57                    | NVXE-410    | CRESTRON     | DM-NVX-D30               | NVX DECODER ENDPOINT         | NEW      | WORKSTATION 03 |
| 58                    | NVXE-412    | CRESTRON     | DM-NVX-E30               | NVX ENCODER ENDPOINT         | NEW      | WORKSTATION 03 |
| 59                    | LCD-412     | SAMSUNG      | CJ890                    | 49" CURVED LCD MONITOR       | EXISTING | WORKSTATION 03 |
| 60                    | LAPTOP 03   | EXISTING     | EXISTING                 | WORKSTATION 03 LAPTOP        | EXISTING | WORKSTATION 03 |
| 61                    | NVXE-411    | CRESTRON     | DM-NVX-D30               | NVX DECODER ENDPOINT         | NEW      | WORKSTATION 04 |
| 62                    | NVXE-413    | CRESTRON     | DM-NVX-E30               | NVX ENCODER ENDPOINT         | NEW      | WORKSTATION 04 |
| 63                    | LCD-413     | SAMSUNG      | CJ890                    | 49" CURVED LCD MONITOR       | EXISTING | WORKSTATION 04 |
| 64                    | LAPTOP 04   | EXISTING     | EXISTING                 | WORKSTATION 04 LAPTOP        | EXISTING | WORKSTATION 04 |
| 65                    | NVXE-414    | CRESTRON     | DM-NVX-D30               | NVX DECODER ENDPOINT         | NEW      | WORKSTATION 05 |
| 66                    | NVXE-416    | CRESTRON     | DM-NVX-E30               | NVX ENCODER ENDPOINT         | NEW      | WORKSTATION 05 |
| 67                    | LCD-414     | SAMSUNG      | CJ890                    | 49" CURVED LCD MONITOR       | EXISTING | WORKSTATION 05 |
| 68                    | LAPTOP 05   | EXISTING     | EXISTING                 | WORKSTATION 05 LAPTOP        | EXISTING | WORKSTATION 05 |
| 69                    | NVXE-415    | CRESTRON     | DM-NVX-D30               | NVX DECODER ENDPOINT         | NEW      | WORKSTATION 06 |
| 70                    | NVXE-417    | CRESTRON     | DM-NVX-E30               | NVX ENCODER ENDPOINT         | NEW      | WORKSTATION 06 |
| 71                    | LCD-415     | SAMSUNG      | CJ890                    | 49" CURVED LCD MONITOR       | EXISTING | WORKSTATION 06 |
| 72                    | LAPTOP 06   | EXISTING     | EXISTING                 | WORKSTATION 06 LAPTOP        | EXISTING | WORKSTATION 06 |

| LOBBY                   |             |             |                  |                      |          |       |
|-------------------------|-------------|-------------|------------------|----------------------|----------|-------|
| #                       | DEVICE NAME | MAKE        | MODEL            | DESCRIPTION          | STATUS   | NOTES |
| 73                      | WP-406      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 74                      | WP-407      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 75                      | WP-408      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 76                      | WP-409      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 77                      | NVXE-418    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 78                      | NVXE-419    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 79                      | NVXE-420    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 80                      | NVXE-421    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 81                      | LCD-406     | NEC         | C551             | 55" LCD MONITOR      | EXISTING |       |
| 82                      | LCD-407     | LG          | 75UR340C9UD      | 75" LCD MONITOR      | EXISTING |       |
| 83                      | LCD-408     | LG          | 75UR340C9UD      | 75" LCD MONITOR      | EXISTING |       |
| 84                      | LCD-409     | LG          | 75UR340C9UD      | 75" LCD MONITOR      | EXISTING |       |
| AVCTRL - NORTH WALL     |             |             |                  |                      |          |       |
| #                       | DEVICE NAME | MAKE        | MODEL            | DESCRIPTION          | STATUS   | NOTES |
| 85                      | WP-401      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 86                      | WP-402      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 87                      | WP-403      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 88                      | NVXE-401    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 89                      | NVXE-402    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 90                      | NVXE-403    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 91                      | LCD-401     | NEC         | P703             | 70" LCD MONITOR      | EXISTING |       |
| 92                      | LCD-402     | NEC         | P703             | 70" LCD MONITOR      | EXISTING |       |
| 93                      | LCD-403     | NEC         | P703             | 70" LCD MONITOR      | EXISTING |       |
| 94                      | WP-410      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 95                      | WP-411      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 96                      | SPK-401     | JBL         | CONTROL 28       | MONITOR SPEAKER      | EXISTING |       |
| 97                      | SPK-402     | JBL         | CONTROL 28       | MONITOR SPEAKER      | EXISTING |       |
| AVCTRL - SOUTH WALL     |             |             |                  |                      |          |       |
| #                       | DEVICE NAME | MAKE        | MODEL            | DESCRIPTION          | STATUS   | NOTES |
| 98                      | WP-404      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 99                      | WP-405      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 100                     | NVXE-404    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 101                     | NVXE-405    | CRESTRON    | DM-NVX-D30       | NVX DECODER ENDPOINT | NEW      |       |
| 102                     | LCD-404     | NEC         | P521             | 52" LCD MONITOR      | EXISTING |       |
| 103                     | LCD-405     | NEC         | P521             | 52" LCD MONITOR      | EXISTING |       |
| 104                     | WP-412      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 105                     | WP-413      | LEVITON     | 42080-2WS        | 2 PORT WALL PLATE    | NEW      |       |
| 106                     | SPK-403     | JBL         | CONTROL 28       | MONITOR SPEAKER      | EXISTING |       |
| 107                     | SPK-404     | JBL         | CONTROL 28       | MONITOR SPEAKER      | EXISTING |       |
| AVCTRL - OPERATOR TABLE |             |             |                  |                      |          |       |
| #                       | DEVICE NAME | MAKE        | MODEL            | DESCRIPTION          | STATUS   | NOTES |
| 108                     | NVXE-422    | CRESTRON    | DM-NVX-E30       | NVX ENCODER ENDPOINT | NEW      |       |
| 109                     | MAC-401     | APPLE       | MACINTOSH        | MEDIA COMPUTER       | EXISTING |       |
| 110                     | IR-401      | 360 SYSTEMS | INSTANT REPLAY 2 | AUDIO SAMPLER        | EXISTING |       |

## AVCTRL - A/V CABLE SCHEDULE (1/2)

| AVCTRL - NETWORK CABLES |            |                  |                  |                     |                     |
|-------------------------|------------|------------------|------------------|---------------------|---------------------|
| CABLE NAME              | CABLE TYPE | SOURCE DEVICE    | SOURCE PORT      | DESTINATION DEVICE  | DESTINATION PORT    |
| C3-4001                 | CAT 6      | CAP-401          | MODEM            | POTS/VOIP NETWORK   | POTS/VOIP NETWORK   |
| C6-4001                 | CAT 6      | NVXC-401         | LAN 1            | NET-402             | PORT 01             |
| C6-4002                 | CAT 6      | NVXC-402         | LAN 1            | NET-402             | PORT 02             |
| C6-4003                 | CAT 6      | NVXC-403         | LAN 1            | NET-402             | PORT 03             |
| C6-4004                 | CAT 6      | NVXC-404         | LAN 1            | NET-402             | PORT 04             |
| C6-4005                 | CAT 6      | NVXC-405         | LAN 1            | NET-402             | PORT 05             |
| C6-4006                 | CAT 6      | NVXC-406         | LAN 1            | NET-402             | PORT 06             |
| C6-4007                 | CAT 6      | NVXC-407         | LAN 1            | NET-402             | PORT 07             |
| C6-4008                 | CAT 6      | NVXC-408         | LAN 1            | NET-402             | PORT 08             |
| C6-4009                 | CAT 6      | NVXC-409         | LAN 1            | NET-402             | PORT 09             |
| C6-4010                 | CAT 6      | NVXC-410         | LAN 1            | NET-402             | PORT 10             |
| C6-4011                 | CAT 6      | NVXC-411         | LAN 1            | NET-402             | PORT 11             |
| C6-4012                 | CAT 6      | NVXC-412         | LAN 1            | NET-402             | PORT 12             |
| C6-4013                 | CAT 6      | NVXC-413         | LAN 1            | NET-402             | PORT 13             |
| C6-4014                 | CAT 6      | NVXC-414         | LAN 1            | NET-402             | PORT 14             |
| C6-4015                 | CAT 6      | NVXC-415         | LAN 1            | NET-402             | PORT 15             |
| C6-4016                 | CAT 6      | NVXC-416         | LAN 1            | NET-402             | PORT 16             |
| C6-4017                 | CAT 6      | ENC-401          | LAN              | COMMERCIAL INTERNET | COMMERCIAL INTERNET |
| C6-4018                 | CAT 6      | DSP-401          | LAN              | NET-402             | PORT 17             |
| C6-4019                 | CAT 6      | NVXE-423         | LAN 1            | NET-402             | PORT 18             |
| C6-4020                 | CAT 6      | AMP-401          | LAN              | NET-402             | PORT 19             |
| C6-4021                 | CAT 6      | PWR-401          | LAN              | NET-402             | PORT 20             |
| C6-4022                 | CAT 6      | PWR-402          | LAN              | NET-402             | PORT 21             |
| C6-4023                 | CAT 6      | PWR-403          | LAN              | NET-402             | PORT 22             |
| C6-4024                 | CAT 6      | PWR-404          | LAN              | NET-402             | PORT 23             |
| C6-4025                 | CAT 6      | PWR-405          | LAN              | NET-402             | PORT 24             |
| C6-4026                 | CAT 6      | PWR-406          | LAN              | NET-402             | PORT 25             |
| C6-4027                 | CAT 6      | CP-401           | LAN              | NET-402             | PORT 26             |
| C6-4028                 | CAT 6      | CONV-406         | COPPER           | VTC-401             | ETHERNET            |
| C6-4029                 | CAT 6      | WP-401           | DISPLAY 1 NVX    | NET-401             | PORT 01             |
| C6-4030                 | CAT 6      | WP-402           | DISPLAY 2 NVX    | NET-401             | PORT 02             |
| C6-4031                 | CAT 6      | WP-403           | DISPLAY 3 NVX    | NET-401             | PORT 03             |
| C6-4032                 | CAT 6      | WP-404           | DISPLAY 4 NVX    | NET-401             | PORT 04             |
| C6-4033                 | CAT 6      | WP-405           | DISPLAY 5 NVX    | NET-401             | PORT 05             |
| C6-4034                 | CAT 6      | NVXE-406         | LAN 1            | NET-401             | PORT 06             |
| C6-4035                 | CAT 6      | NVXE-408         | LAN 1            | NET-401             | PORT 07             |
| C6-4036                 | CAT 6      | NVXE-407         | LAN 1            | NET-401             | PORT 08             |
| C6-4037                 | CAT 6      | NVXE-409         | LAN 1            | NET-401             | PORT 09             |
| C6-4038                 | CAT 6      | NVXE-410         | LAN 1            | NET-401             | PORT 10             |
| C6-4039                 | CAT 6      | NVXE-412         | LAN 1            | NET-401             | PORT 11             |
| C6-4040                 | CAT 6      | NVXE-411         | LAN 1            | NET-401             | PORT 12             |
| C6-4041                 | CAT 6      | NVXE-413         | LAN 1            | NET-401             | PORT 13             |
| C6-4042                 | CAT 6      | NVXE-414         | LAN 1            | NET-401             | PORT 14             |
| C6-4043                 | CAT 6      | NVXE-416         | LAN 1            | NET-401             | PORT 15             |
| C6-4044                 | CAT 6      | NVXE-415         | LAN 1            | NET-401             | PORT 16             |
| C6-4045                 | CAT 6      | NVXE-417         | LAN 1            | NET-401             | PORT 17             |
| C6-4046                 | CAT 6      | WP-409           | LOBBY 4 NVX      | NET-401             | PORT 18             |
| C6-4047                 | CAT 6      | WP-408           | LOBBY 3 NVX      | NET-401             | PORT 19             |
| C6-4048                 | CAT 6      | WP-407           | LOBBY 2 NVX      | NET-401             | PORT 20             |
| C6-4049                 | CAT 6      | WP-406           | LOBBY 1 NVX      | NET-401             | PORT 21             |
| C6-4050                 | CAT 6      | NVXE-422         | LAN 1            | NET-401             | PORT 22             |
| C6-4051                 | CAT 6      | IR-401           | NETWORK          | NET-401             | PORT 23             |
| C6-4052                 | CAT 6      | WP-401           | DISPLAY 1 NVX    | NVXE-401            | LAN 1               |
| C6-4053                 | CAT 6      | WP-402           | DISPLAY 2 NVX    | NVXE-402            | LAN 1               |
| C6-4054                 | CAT 6      | WP-403           | DISPLAY 3 NVX    | NVXE-403            | LAN 1               |
| C6-4055                 | CAT 6      | WP-404           | DISPLAY 4 NVX    | NVXE-404            | LAN 1               |
| C6-4056                 | CAT 6      | WP-405           | DISPLAY 5 NVX    | NVXE-406            | LAN 1               |
| C6-4057                 | CAT 6      | WP-406           | LOBBY 1 NVX      | NVXE-418            | LAN 1               |
| C6-4058                 | CAT 6      | WP-407           | LOBBY 2 NVX      | NVXE-419            | LAN 1               |
| C6-4059                 | CAT 6      | WP-408           | LOBBY 3 NVX      | NVXE-420            | LAN 1               |
| C6-4060                 | CAT 6      | WP-409           | LOBBY 4 NVX      | NVXE-421            | LAN 1               |
| SMF-4001                | SMF        | SW-401           | C                | CONV-406            | FIBER               |
| SMF-4002                | SMF        | SIPR VTC NETWORK | SIPR VTC NETWORK | SW-401              | B                   |
| SMF-4003                | SMF        | NIPR VTC NETWORK | NIPR VTC NETWORK | SW-401              | A                   |
| SMF-4004                | SMF        | NET-402          | SFP 1            | NET-302             | SFP 2               |
| SMF-4005                | SMF        | NET-402          | SFP 2            | NET-301             | SFP 1               |
| SMF-4006                | SMF        | NET-402          | SFP 3            | NET-202             | SFP 2               |
| SMF-4007                | SMF        | NET-402          | SFP 4            | NET-201             | SFP 1               |
| SMF-4008                | SMF        | NET-402          | SFP 5            | NET-102             | SFP 2               |
| SMF-4009                | SMF        | NET-402          | SFP 6            | NET-101             | SFP 1               |
| SMF-4010                | SMF        | NET-402          | SFP 8            | NET-401             | SFP 1               |
| SMF-4011                | SMF        | NET-401          | SFP 3            | NET-101             | SFP 5               |
| SMF-4012                | SMF        | NET-401          | SFP 4            | NET-102             | SFP 5               |
| SMF-4013                | SMF        | NET-401          | SFP 5            | NET-201             | SFP 5               |
| SMF-4014                | SMF        | NET-401          | SFP 6            | NET-202             | SFP 5               |
| SMF-4015                | SMF        | NET-401          | SFP 7            | NET-301             | SFP 5               |
| SMF-4016                | SMF        | NET-401          | SFP 8            | NET-302             | SFP 5               |

| AVCTRL - CONTROL CABLES |            |               |             |                    |                  |
|-------------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME              | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| C1-4001                 | 22 / 2     | CP-401        | RELAY 6     | SW-401             | RELAY B          |
| C1-4002                 | 22 / 2     | CP-401        | RELAY 7     | SW-401             | RELAY A          |
| C1-4003                 | 22 / 2     | CP-401        | COM 1       | VTC-401            | COM              |
| C1-4004                 | 22 / 2     | NVXE-401      | COM         | Rs-232             | Rs-232           |
| C1-4005                 | 22 / 2     | NVXE-402      | COM         | LCD-402            | Rs-232           |
| C1-4006                 | 22 / 2     | NVXE-403      | COM         | LCD-403            | Rs-232           |
| C1-4007                 | 22 / 2     | NVXE-404      | COM         | LCD-404            | Rs-232           |
| C1-4008                 | 22 / 2     | NVXE-405      | COM         | LCD-405            | Rs-232           |
| C1-4009                 | 22 / 2     | NVXE-418      | COM         | LCD-406            | Rs-232           |
| C1-4010                 | 22 / 2     | NVXE-419      | COM         | LCD-407            | Rs-232           |
| C1-4011                 | 22 / 2     | NVXE-420      | COM         | LCD-408            | Rs-232           |
| C1-4012                 | 22 / 2     | NVXE-421      | COM         | LCD-409            | Rs-232           |

## AVCTRL - A/V CABLE SCHEDULE (2/2)

| AVCTRL - VIDEO CABLES |            |                      |             |                    |                  |
|-----------------------|------------|----------------------|-------------|--------------------|------------------|
| CABLE NAME            | CABLE TYPE | SOURCE DEVICE        | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| HD-4001               | HDMI       | VTC-401              | HDMI OUT 1  | NVXC-401           | HDMI INPUT       |
| HD-4002               | HDMI       | VRC-401              | HDMI OUT 2  | NVXC-402           | HDMI INPUT       |
| HD-4003               | HDMI       | NVXC-403             | HDMI OUTPUT | VTC-401            | CAMERA IN        |
| HD-4004               | HDMI       | NVXC-404             | HDMI OUTPUT | VTC-401            | CONTENT IN       |
| HD-4005               | HDMI       | NVXC-405             | HDMI OUTPUT | CONV-401           | HDMI IN          |
| HD-4006               | HDMI       | NVXC-407             | HDMI OUTPUT | CONV-402           | HDMI IN          |
| HD-4007               | HDMI       | CONV-403             | HDMI OUT    | NVXC-408           | HDMI INPUT       |
| HD-4008               | HDMI       | IPTV-401             | HDMI OUT    | NVXC-409           | HDMI INPUT       |
| HD-4009               | HDMI       | IPTV-402             | HDMI OUT    | NVXC-410           | HDMI INPUT       |
| HD-4010               | HDMI       | IPTV-403             | HDMI OUT    | NVXC-411           | HDMI INPUT       |
| HD-4011               | HDMI       | IPTV-404             | HDMI OUT    | NVXC-412           | HDMI INPUT       |
| HD-4012               | HDMI       | IPTV-405             | HDMI OUT    | NVXC-413           | HDMI INPUT       |
| HD-4013               | HDMI       | IPTV-406             | HDMI OUT    | NVXC-414           | HDMI INPUT       |
| HD-4014               | HDMI       | NVXC-415             | HDMI OUTPUT | CONV-405           | HDMI IN          |
| HD-4015               | HDMI       | NVXC-416             | HDMI OUTPUT | CONV-404           | HDMI IN          |
| HD-4016               | HDMI       | NVXC-401             | HDMI OUTPUT | LCD-401            | HDMI IN          |
| HD-4017               | HDMI       | NVXC-402             | HDMI OUTPUT | LCD-402            | HDMI IN          |
| HD-4018               | HDMI       | NVXC-403             | HDMI OUTPUT | LCD-403            | HDMI IN          |
| HD-4019               | HDMI       | NVXC-404             | HDMI OUTPUT | LCD-404            | HDMI IN          |
| HD-4020               | HDMI       | NVXC-405             | HDMI OUTPUT | LCD-405            | HDMI IN          |
| HD-4021               | HDMI       | NVXC-406             | HDMI OUTPUT | LCD-410            | HDMI IN          |
| HD-4022               | HDMI       | NVXC-407             | HDMI OUTPUT | LCD-411            | HDMI IN          |
| HD-4023               | HDMI       | NVXC-410             | HDMI OUTPUT | LCD-412            | HDMI IN          |
| HD-4024               | HDMI       | NVXC-411             | HDMI OUTPUT | LCD-413            | HDMI IN          |
| HD-4025               | HDMI       | NVXC-414             | HDMI OUTPUT | LCD-414            | HDMI IN          |
| HD-4026               | HDMI       | NVXC-415             | HDMI OUTPUT | LCD-415            | HDMI IN          |
| HD-4027               | HDMI       | NVXC-418             | HDMI OUTPUT | LCD-406            | HDMI IN          |
| HD-4028               | HDMI       | NVXC-419             | HDMI OUTPUT | LCD-407            | HDMI IN          |
| HD-4029               | HDMI       | NVXC-420             | HDMI OUTPUT | LCD-408            | HDMI IN          |
| HD-4030               | HDMI       | NVXC-421             | HDMI OUTPUT | LCD-409            | HDMI IN          |
| HD-4031               | HDMI       | WORKSTATION 1 LAPTOP | HDMI OUT    | NVXE-408           | HDMI INPUT       |
| HD-4032               | HDMI       | WORKSTATION 2 LAPTOP | HDMI OUT    | NVXE-409           | HDMI INPUT       |
| HD-4033               | HDMI       | WORKSTATION 3 LAPTOP | HDMI OUT    | NVXE-410           | HDMI INPUT       |
| HD-4034               | HDMI       | WORKSTATION 4 LAPTOP | HDMI OUT    | NVXE-412           | HDMI INPUT       |
| HD-4035               | HDMI       | WORKSTATION 5 LAPTOP | HDMI OUT    | NVXE-416           | HDMI INPUT       |
| HD-4036               | HDMI       | WORKSTATION 6 LAPTOP | HDMI OUT    | NVXE-417           | HDMI INPUT       |
| HD-4037               | HDMI       | MAC-401              | HDMI OUT    | NVXE-422           | HDMI INPUT       |
| V1-4001               | SDI        | CONV-401             | SDI OUT     | ENC-401            | SDI IN           |
| V1-4002               | SDI        | CONV-402             | SDI OUT     | CAP-401            | SDI IN           |
| V1-4003               | SDI        | CAP-401              | SDI OUT     | CONV-403           | SDI IN           |
| V1-4004               | SDI        | CONV-406             | SDI OUT     | REC-402            | SDI IN           |
| V1-4005               | SDI        | CONV-404             | SDI OUT     | REC-401            | SDI IN           |

| AVCTRL - AUDIO CABLES |                |               |              |                    |                  |
|-----------------------|----------------|---------------|--------------|--------------------|------------------|
| CABLE NAME            | CABLE TYPE     | SOURCE DEVICE | SOURCE PORT  | DESTINATION DEVICE | DESTINATION PORT |
| L1-4001               | LINE LVL AUDIO | DSP-401       | ML OUT CH1   | IR-401             | BAL INPUT L      |
| L1-4002               | LINE LVL AUDIO | DSP-401       | ML OUT CH2   | IR-401             | BAL INPUT R      |
| L1-4003               | LINE LVL AUDIO | IR-401        | BAL OUTPUT L | DSP-401            | M/L IN CH1       |
| L1-4004               | LINE LVL AUDIO | IR-401        | BAL OUTPUT R | DSP-401            | M/L IN CH2       |
| L1-4005               | LINE LVL AUDIO | DSP-401       | ML OUT CH3   | NVXE-423           | AUDIO I/O L      |
| L1-4006               | LINE LVL AUDIO | DSP-401       | ML OUT CH4   | NVXE-423           | AUDIO I/O R      |
| S1-4001               | SPEAKER CABLE  | AMP-401       | OUTPUT CH A  | SPK-401            | IN               |
| S1-4002               | SPEAKER CABLE  | AMP-401       | OUTPUT CH B  | SPK-402            | IN               |
| S1-4003               | SPEAKER CABLE  | AMP-401       | OUTPUT CH C  | SPK-403            | IN               |
| S1-4004               | SPEAKER CABLE  | AMP-401       | OUTPUT CH D  | SPK-404            | IN               |

| AVCTRL - POWER CABLES |            |               |             |                    |                  |
|-----------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME            | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| P1-4001               | PWR        | PWR-401       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4002               | PWR        | PWR-402       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4003               | PWR        | PWR-403       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4004               | PWR        | PWR-404       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4005               | PWR        | PWR-405       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4006               | PWR        | NET-401       | POWER       | PWR-401            | OUTLET 1         |
| P1-4007               | PWR        | DMF-401       | POWER       | PWR-401            | OUTLET 2         |
| P1-4008               | PWR        | NET-402       | POWER       | PWR-401            | OUTLET 3         |
| P1-4009               | PWR        | DMF-402       | POWER       | PWR-401            | OUTLET 6         |
| P1-4010               | PWR        | CAP-401       | POWER       | PWR-402            | OUTLET 1         |
| P1-4011               | PWR        | CONV-401      | USB POWER   | PWR-402            | OUTLET 2         |
| P1-4012               | PWR        | CONV-402      | USB POWER   | PWR-402            | OUTLET 3         |
| P1-4013               | PWR        | ENC-401       | POWER 1     | PWR-402            | OUTLET 5         |
| P1-4014               | PWR        | ENC-401       | POWER 2     | PWR-402            | OUTLET 6         |
| P1-4015               | PWR        | CONV-403      | USB POWER   | PWR-402            | OUTLET 7         |
| P1-4016               | PWR        | CONV-404      | USB POWER   | PWR-402            | OUTLET 8         |
| P1-4017               | PWR        | IPTV-401      | POWER       | PWR-403            | OUTLET 1         |
| P1-4018               | PWR        | IPTV-402      | POWER       | PWR-403            | OUTLET 2         |
| P1-4019               | PWR        | IPTV-403      | POWER       | PWR-403            | OUTLET 3         |
| P1-4020               | PWR        | IPTV-404      | POWER       | PWR-403            | OUTLET 5         |
| P1-4021               | PWR        | IPTV-405      | POWER       | PWR-403            | OUTLET 6         |
| P1-4022               | PWR        | IPTV-406      | POWER       | PWR-403            | OUTLET 7         |
| P1-4023               | PWR        | CP-401        | POWER       | PWR-404            | OUTLET 1         |
| P1-4024               | PWR        | VTC-401       | POWER       | PWR-404            | OUTLET 2         |
| P1-4015               | PWR        | SW-401        | POWER       | PWR-404            | OUTLET 3         |
| P1-4026               | PWR        | CONV-415      | POWER       | PWR-404            | OUTLET 4         |
| P1-4027               | PWR        | REC-401       | POWER       | PWR-404            | OUTLET 5         |
| P1-4028               | PWR        | REC-402       | POWER       | PWR-404            | OUTLET 6         |
| P1-4029               | PWR        | CONV-405      | USB POWER   | PWR-404            | OUTLET 7         |
| P1-4030               | PWR        | CONV-406      | USB POWER   | PWR-404            | OUTLET 8         |
| P1-4031               | PWR        | AMP-401       | POWER       | PWR-405            | OUTLET 1         |
| P1-4032               | PWR        | DSP-401       | POWER       | PWR-405            | OUTLET 2         |
| P1-4033               | PWR        | LCD-401       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4034               | PWR        | LCD-402       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4035               | PWR        | LCD-403       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4036               | PWR        | LCD-404       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4037               | PWR        | LCD-405       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4038               | PWR        | LCD-410       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4039               | PWR        | LCD-411       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4040               | PWR        | LCD-412       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4041               | PWR        | LCD-413       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4042               | PWR        | LCD-414       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4043               | PWR        | LCD-415       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4044               | PWR        | LCD-406       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4045               | PWR        | LCD-407       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4046               | PWR        | LCD-408       | POWER       | BUILDING POWER     | AC 120V          |
| P1-4047               | PWR        | LCD-409       | POWER       | BUILDING POWER     | AC 120V          |

NOTES:

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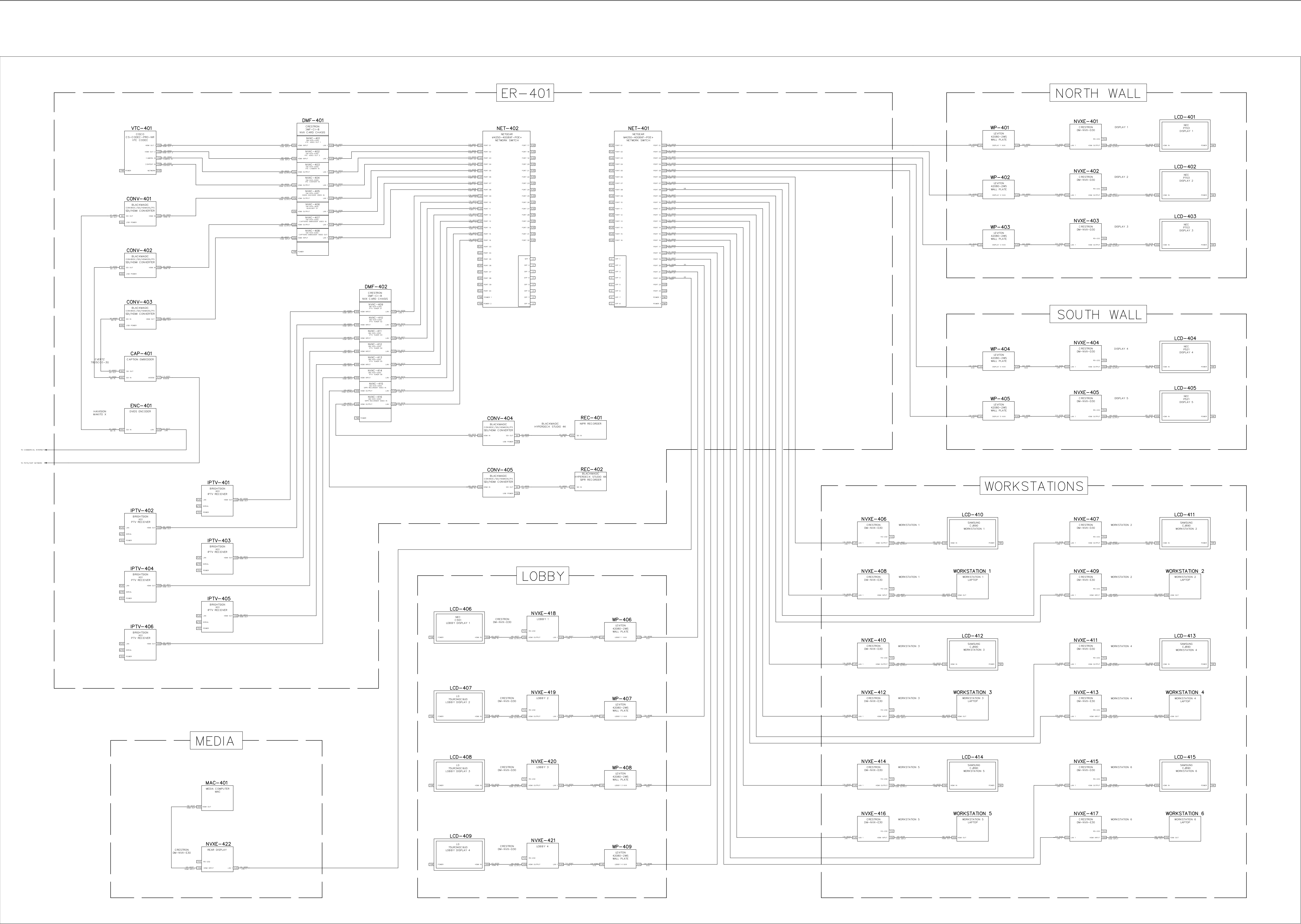
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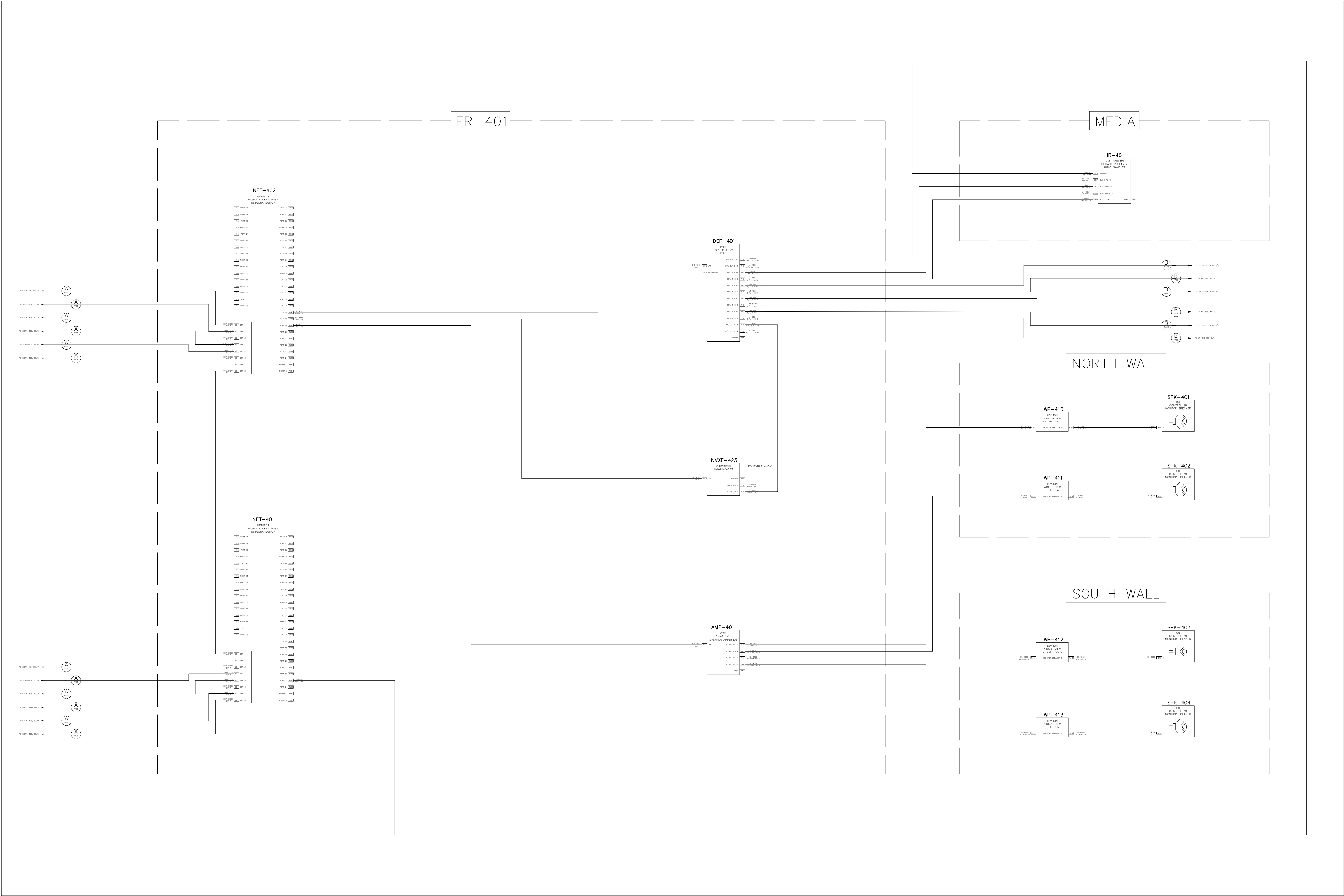
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

AVC TRL – VIDEO DISTRIBUTION

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| ---      | AV-06  | A         |             |



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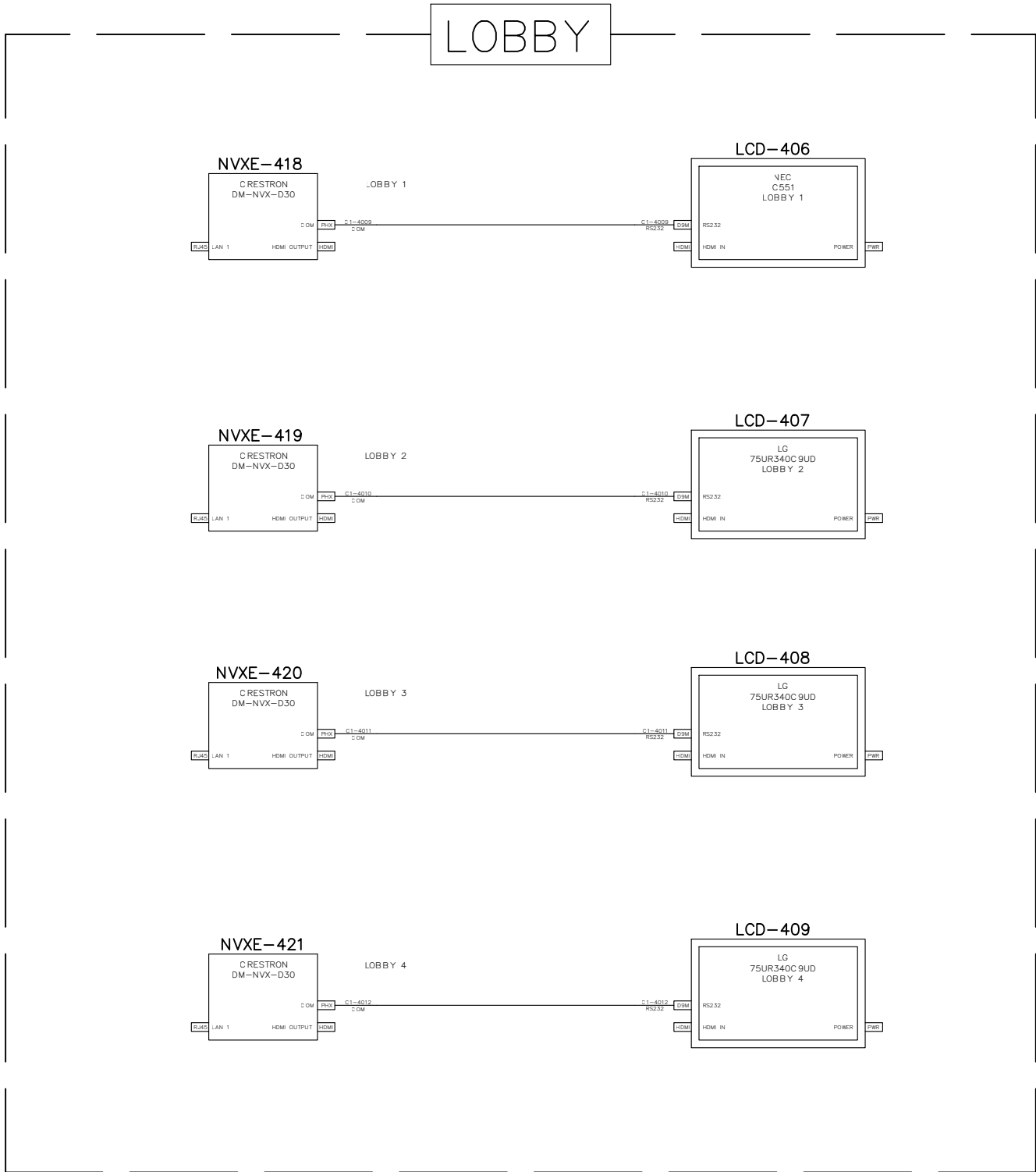
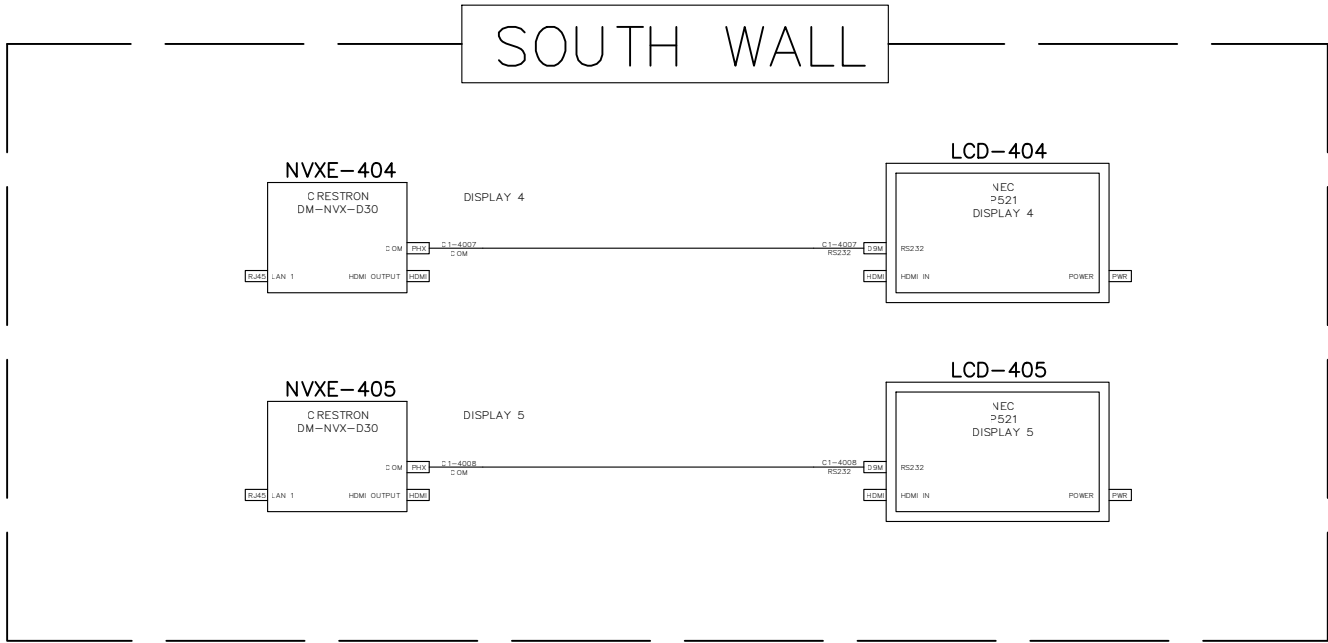
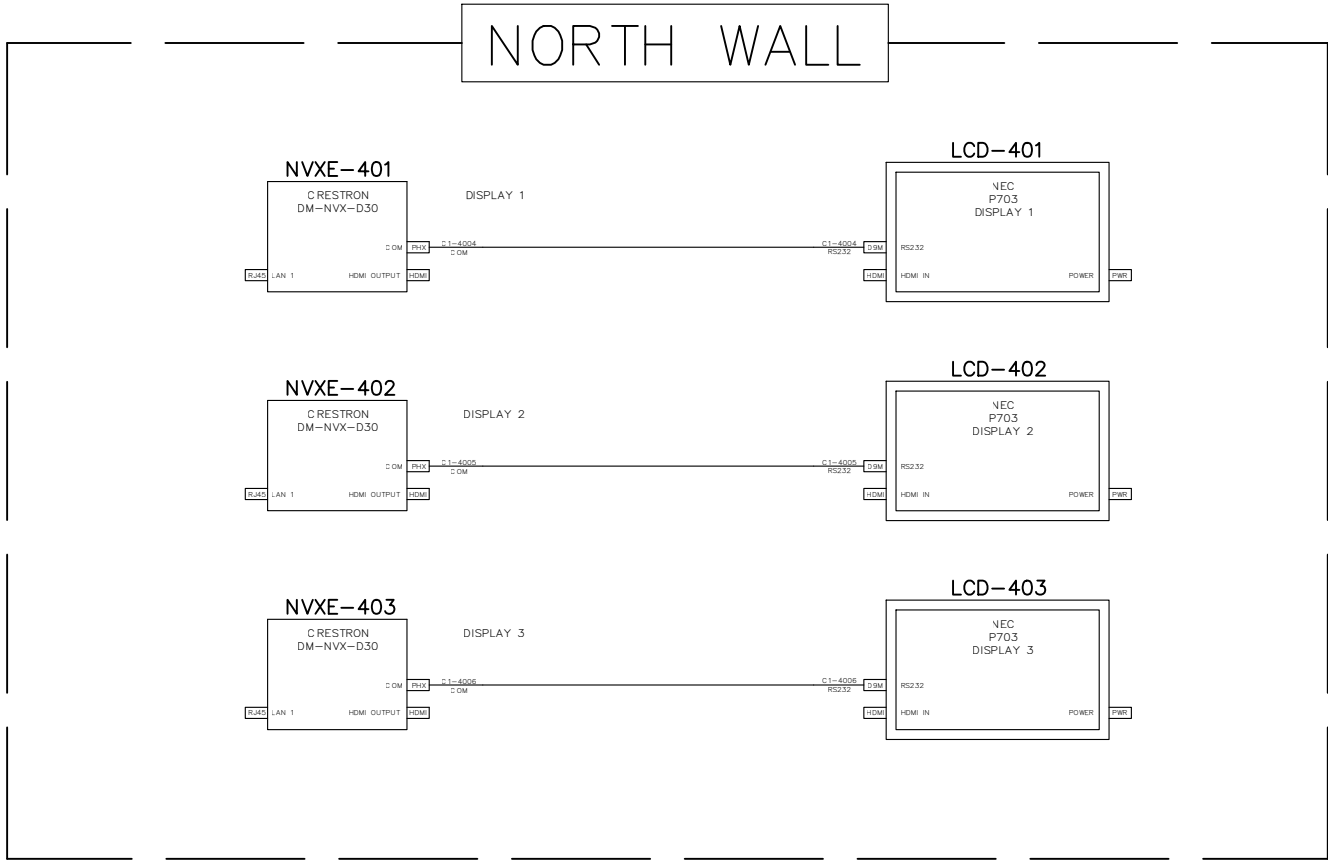
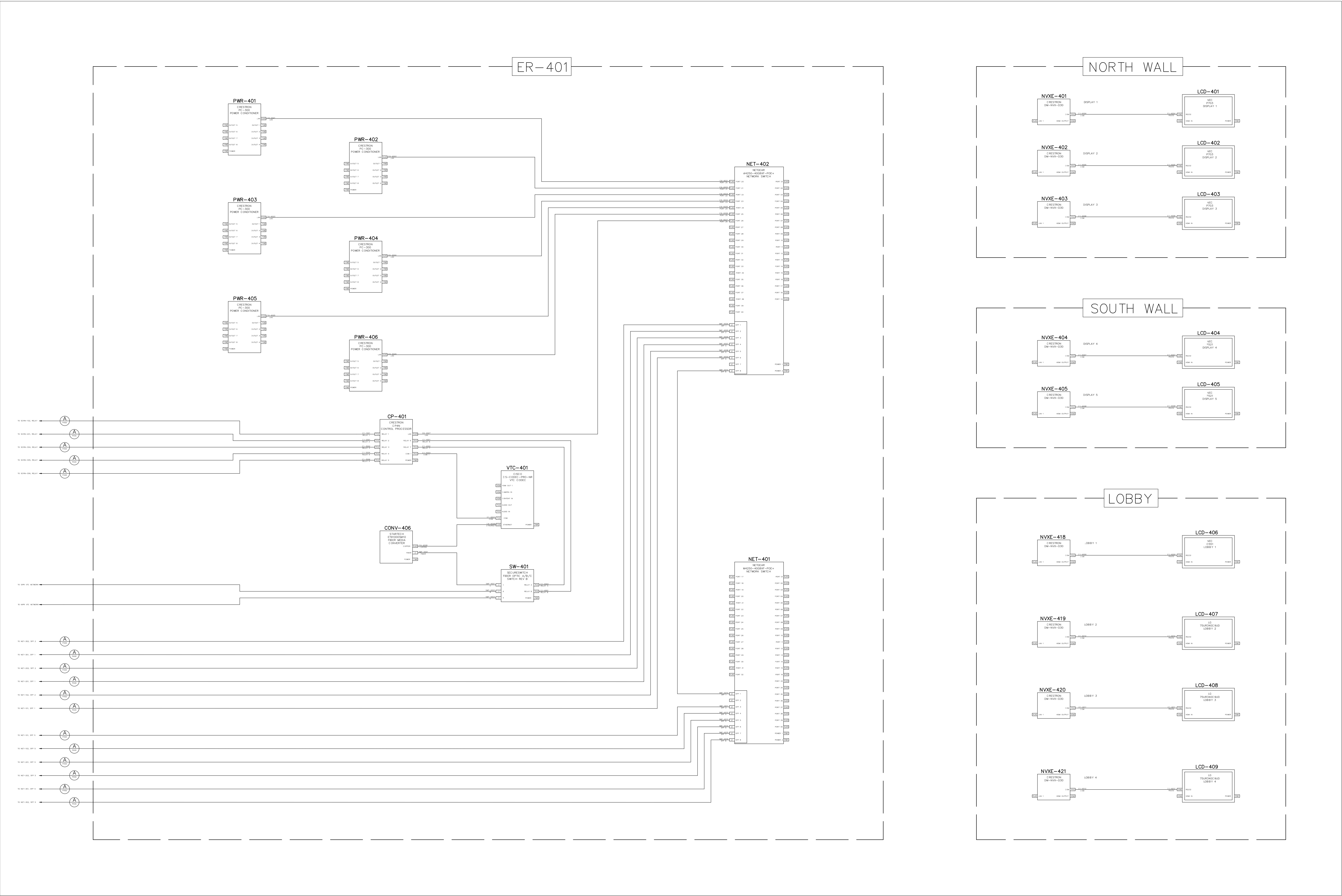
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|                              |        |           |             |
|------------------------------|--------|-----------|-------------|
| SITE:                        |        |           |             |
| EXAMPLE AV SYSTEM            |        |           |             |
| DRAWING TITLE:               |        |           |             |
| AVC TRL – AUDIO DISTRIBUTION |        |           |             |
| SACLE:                       | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS                          | 2/1/24 | JH        | ---         |
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| ---                          | AV-07  | A         |             |



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.logo-black.png

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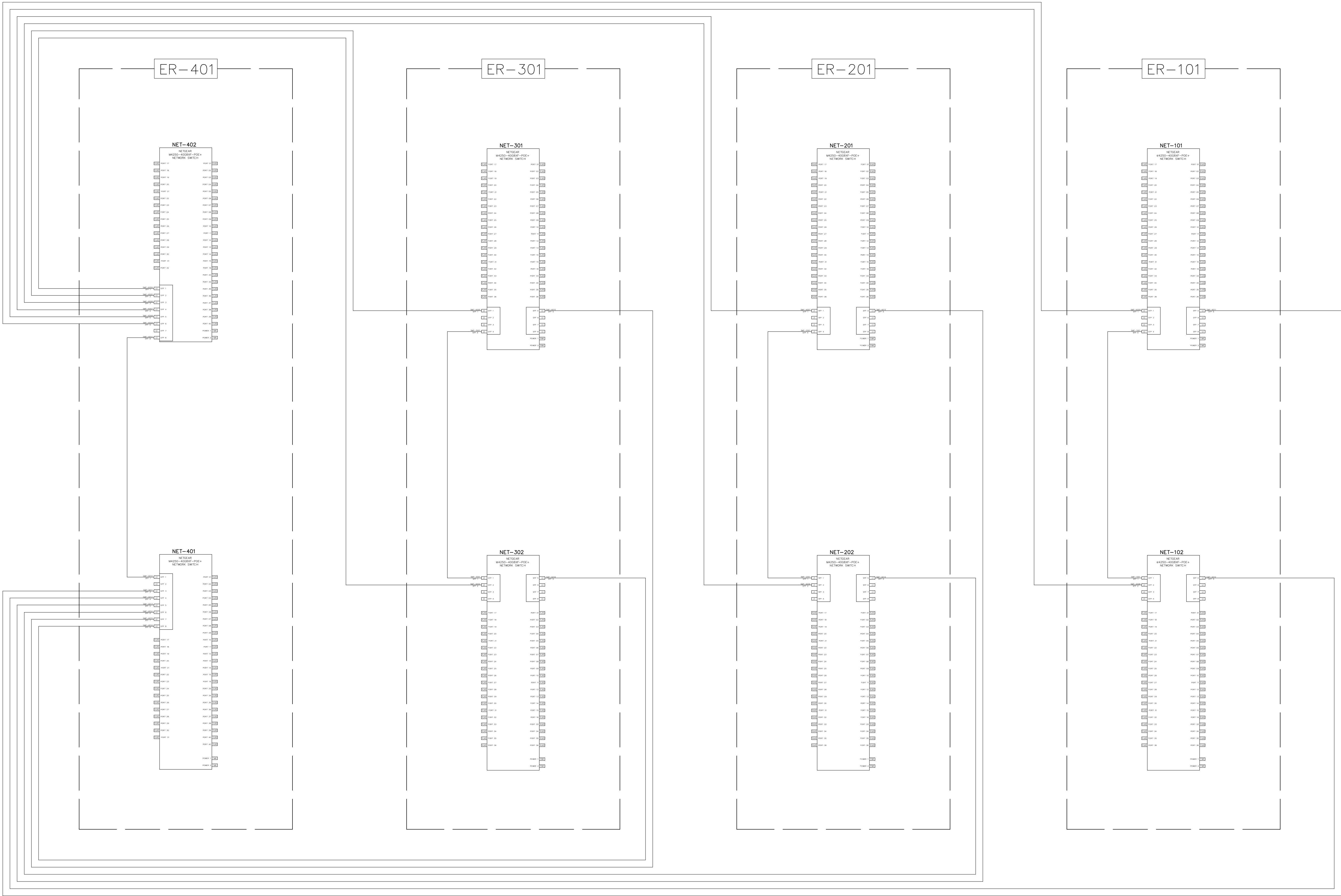
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

AVC TRL – NETWORK/CONTROL

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| ---      | AV-08  | A         |             |



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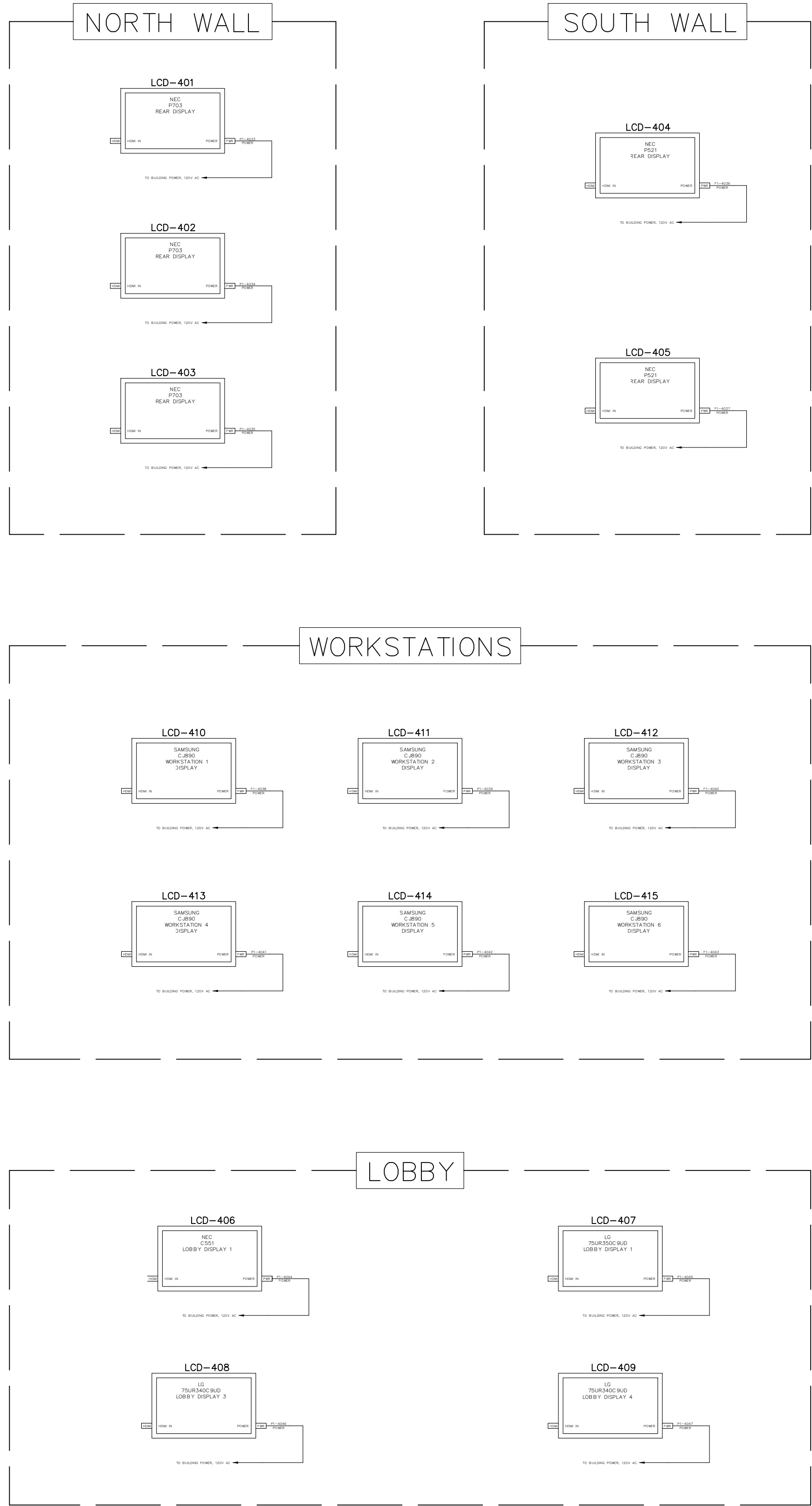
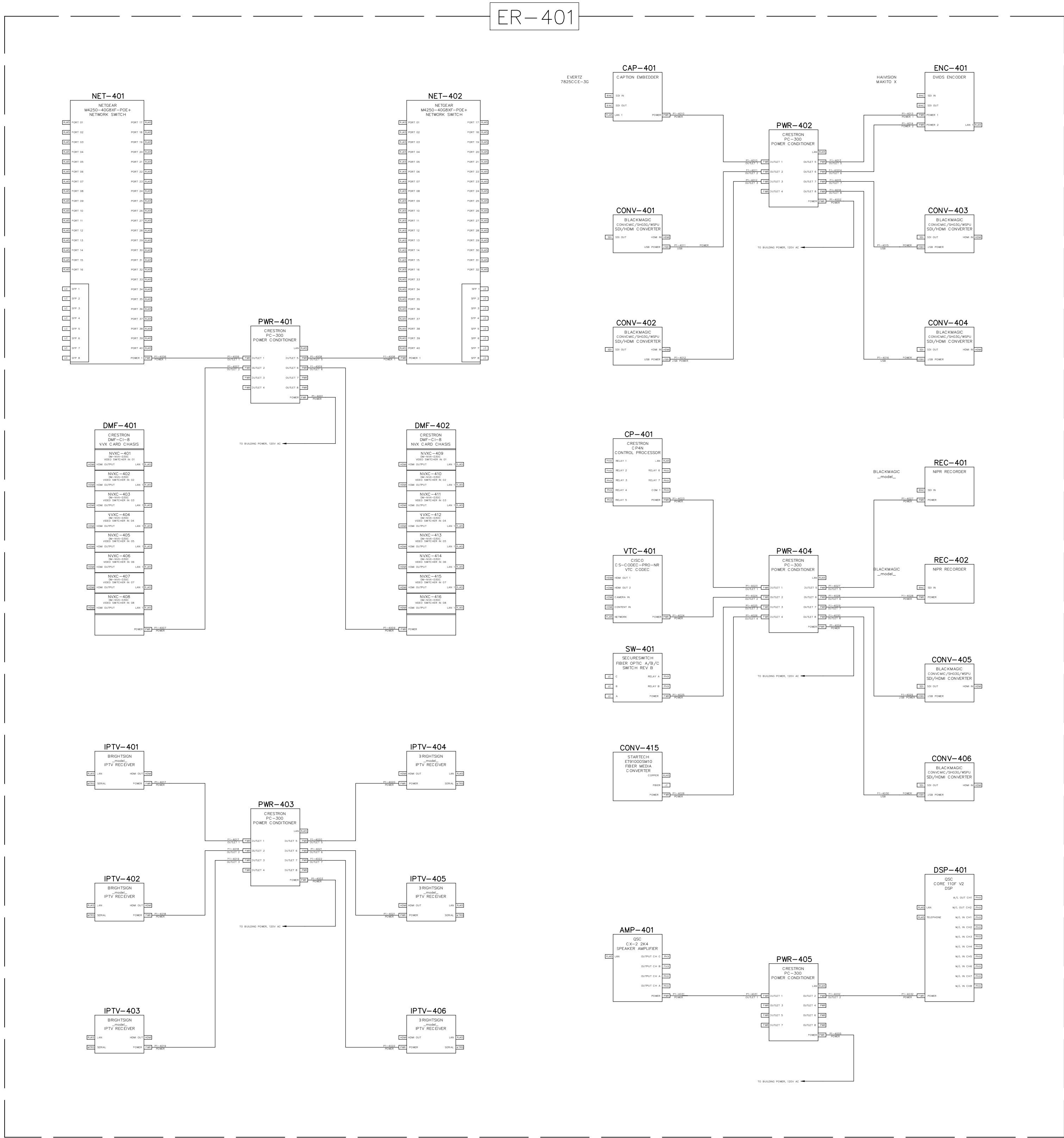
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|                   |        |           |             |
|-------------------|--------|-----------|-------------|
| SITE:             |        |           |             |
| EXAMPLE AV SYSTEM |        |           |             |
| DRAWING TITLE:    |        |           |             |
| AVCTRL — AV LAN   |        |           |             |
| SACLE:            | DATE:  | DRAWN BY: | CHECKED BY: |
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| PROJECT:          | SHEET: | REVISION: |             |
| ---               | AV-09  | A         |             |



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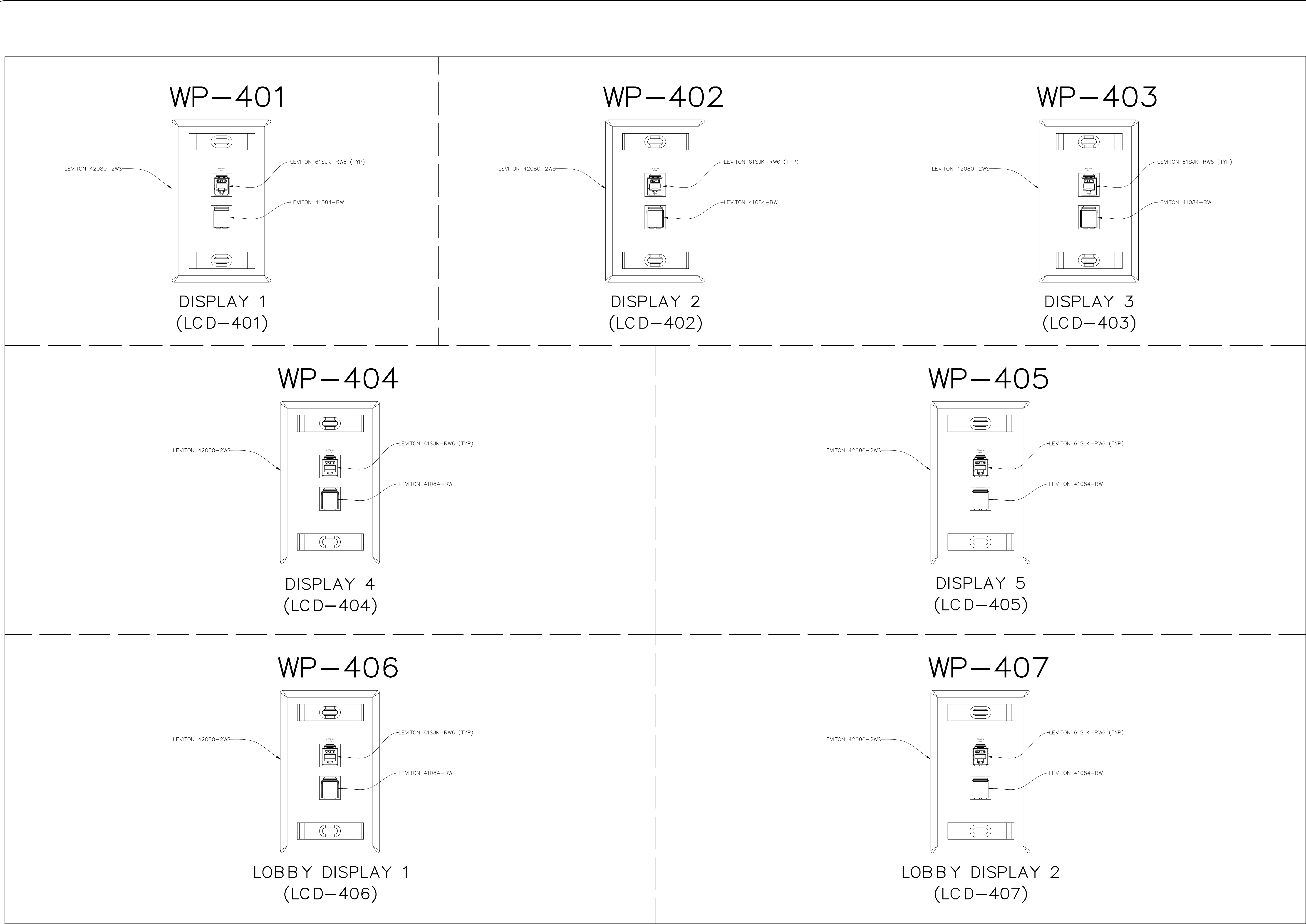
SITE:

## EXAMPLE AV SYSTEM

DRAWING TITLE:

### AVCTRL — POWER DISTRIBUTION

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|----------|--------|-----------|-------------|
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| PROJECT: | SHEET: | REVISION: |             |
| ---      | AV-10  | A         |             |



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SITE:

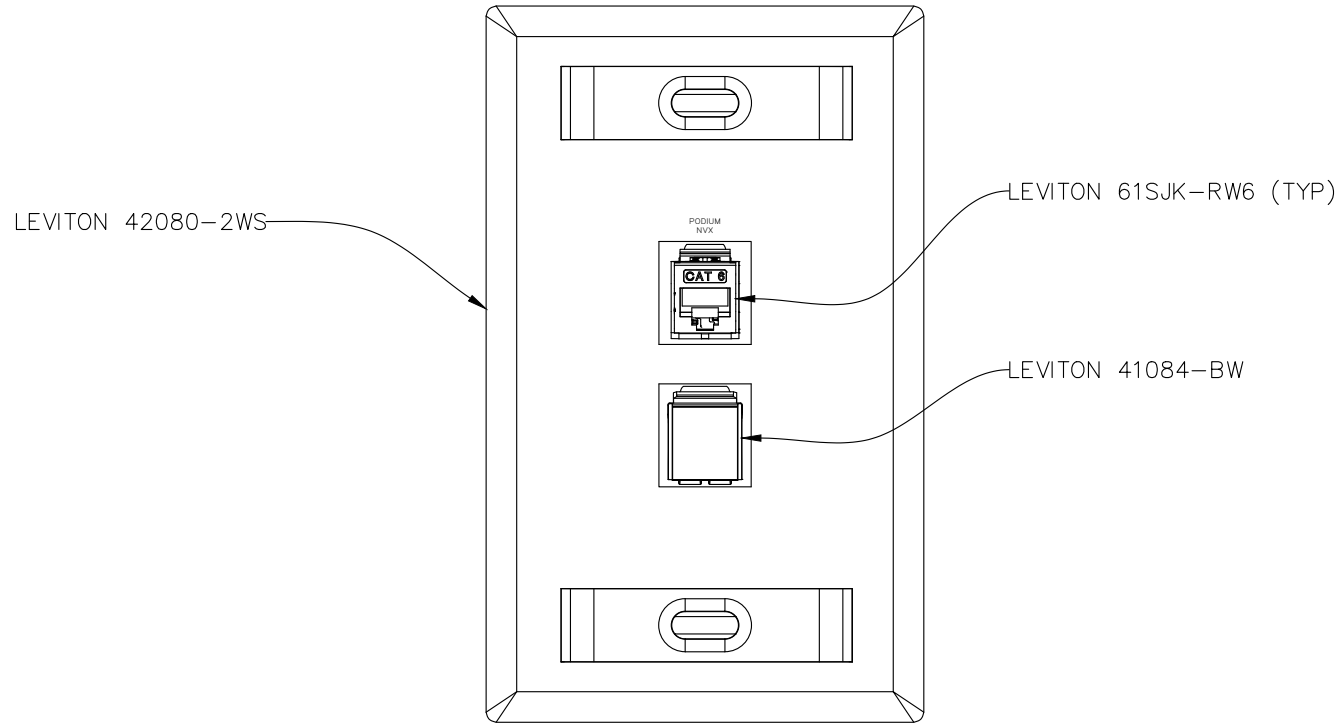
EXAMPLE AV SYSTEM

DRAWING TITLE:

AVCTRL – PLATE & PANEL(1/2)

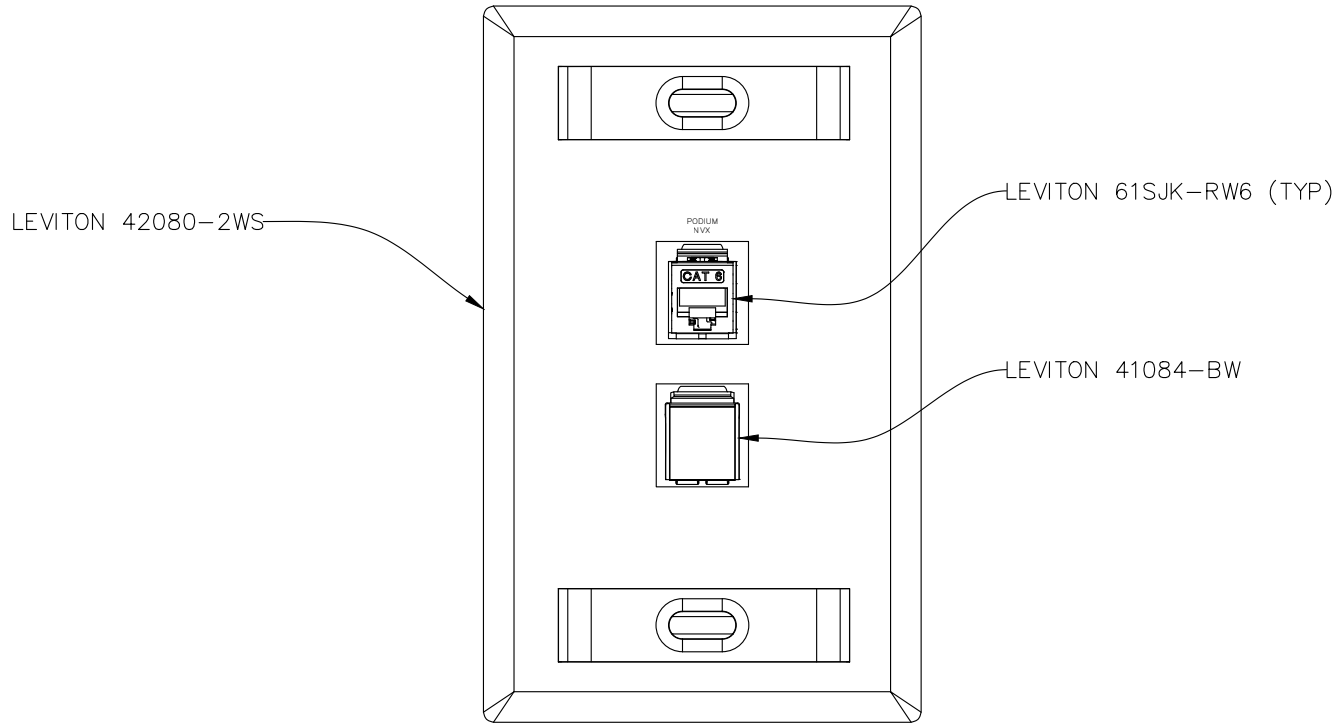
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| ---      | AV-11  | A         |             |

WP-408



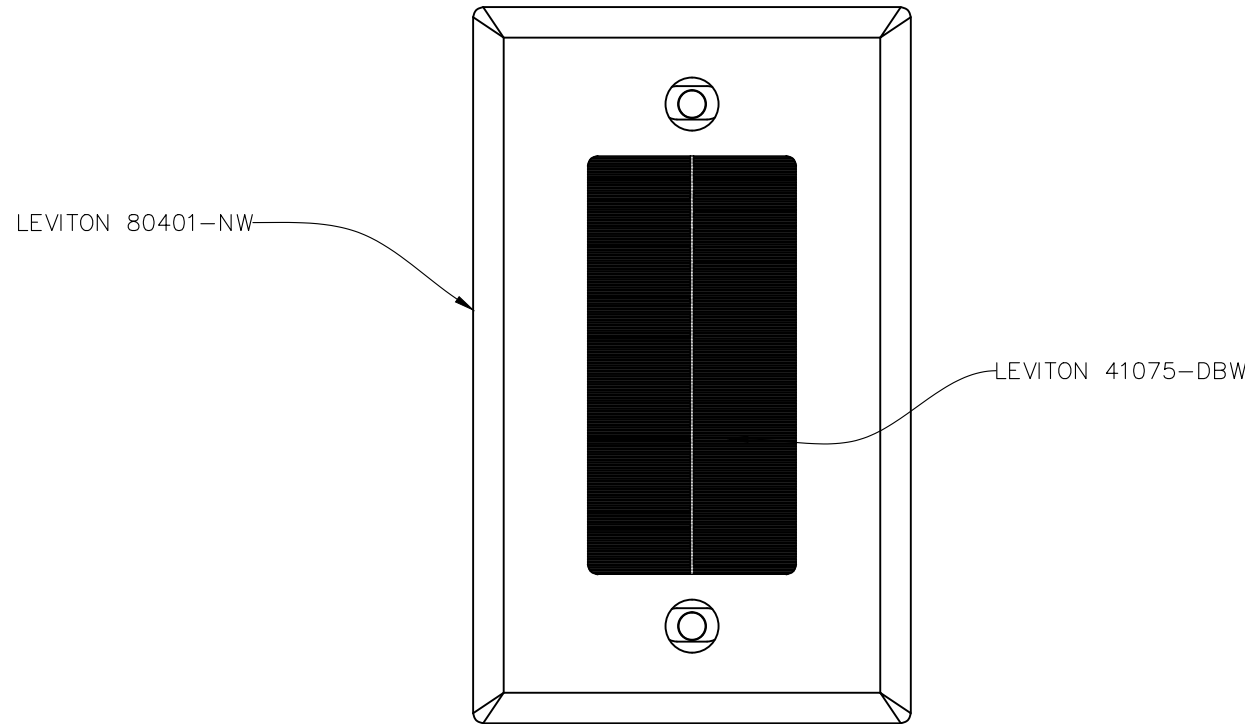
LOBBY DISPLAY 3  
(LCD-408)

WP-409



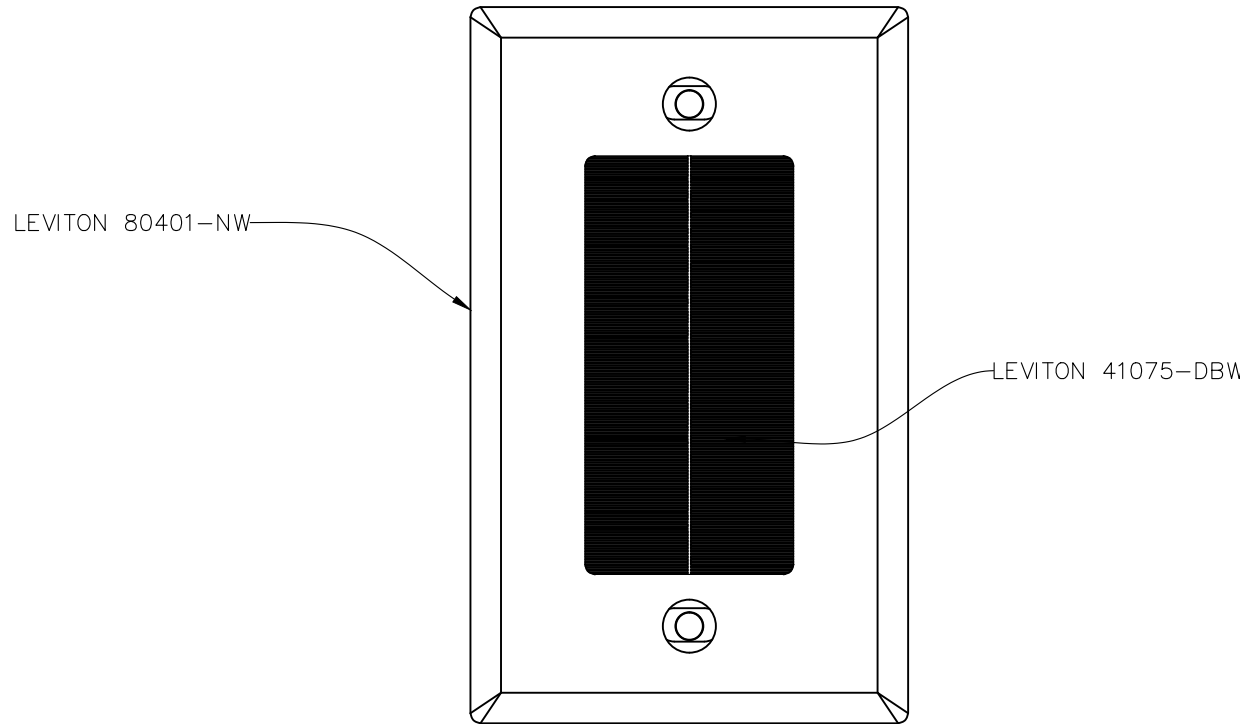
LOBBY DISPLAY 4  
(LCD-409)

WP-410



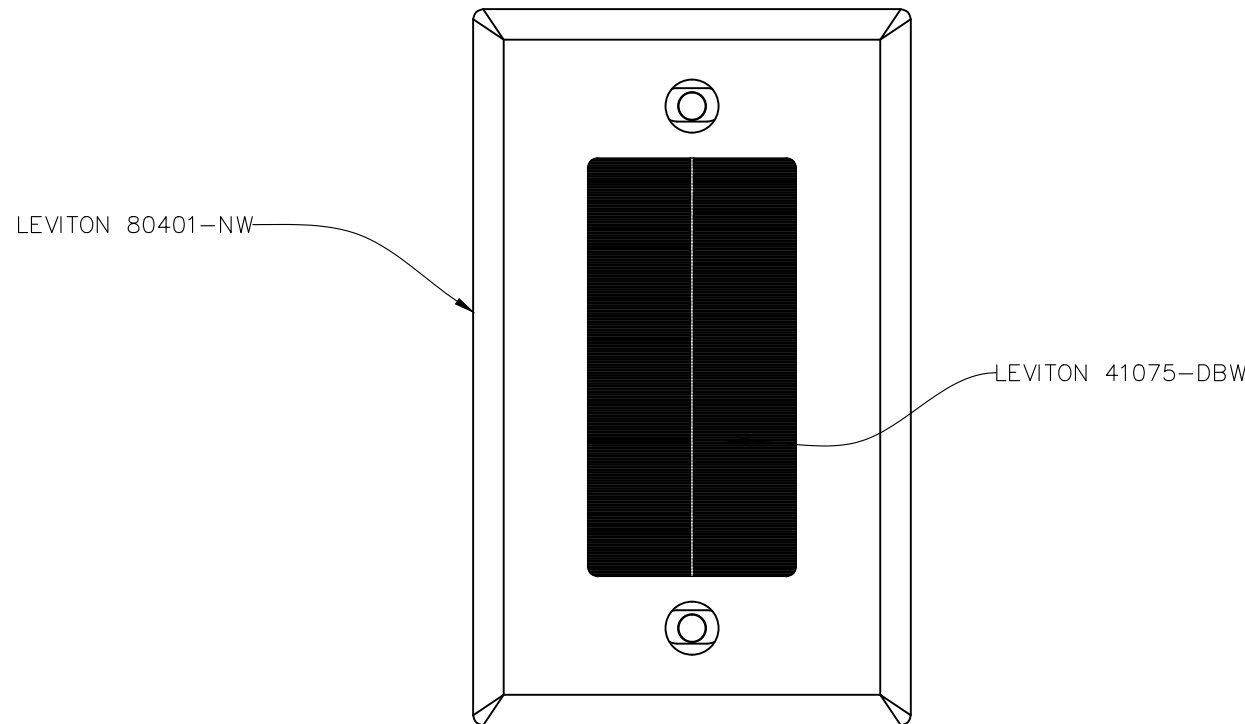
MONITOR SPEAKER 1  
(SPK-401)

WP-411



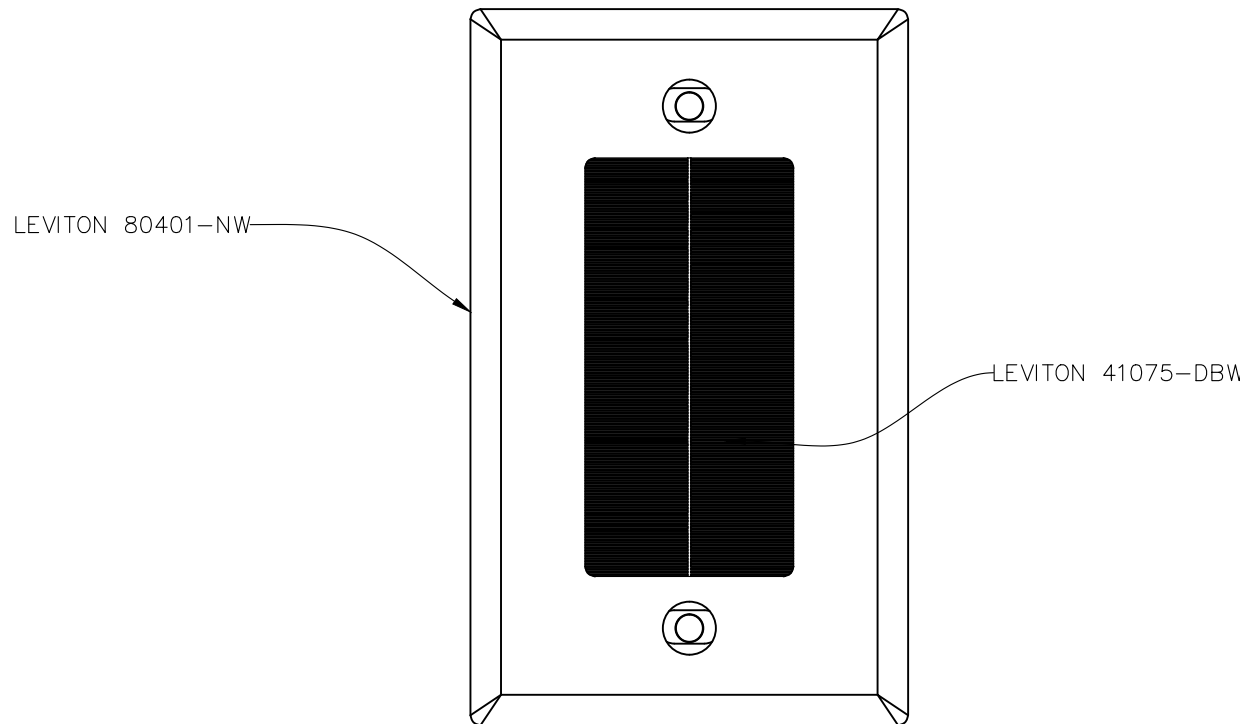
MONITOR SPEAKER 2  
(SPK-402)

WP-412



MONITOR SPEAKER 3  
(SPK-403)

WP-413



MONITOR SPEAKER 4  
(SPK-404)

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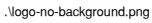
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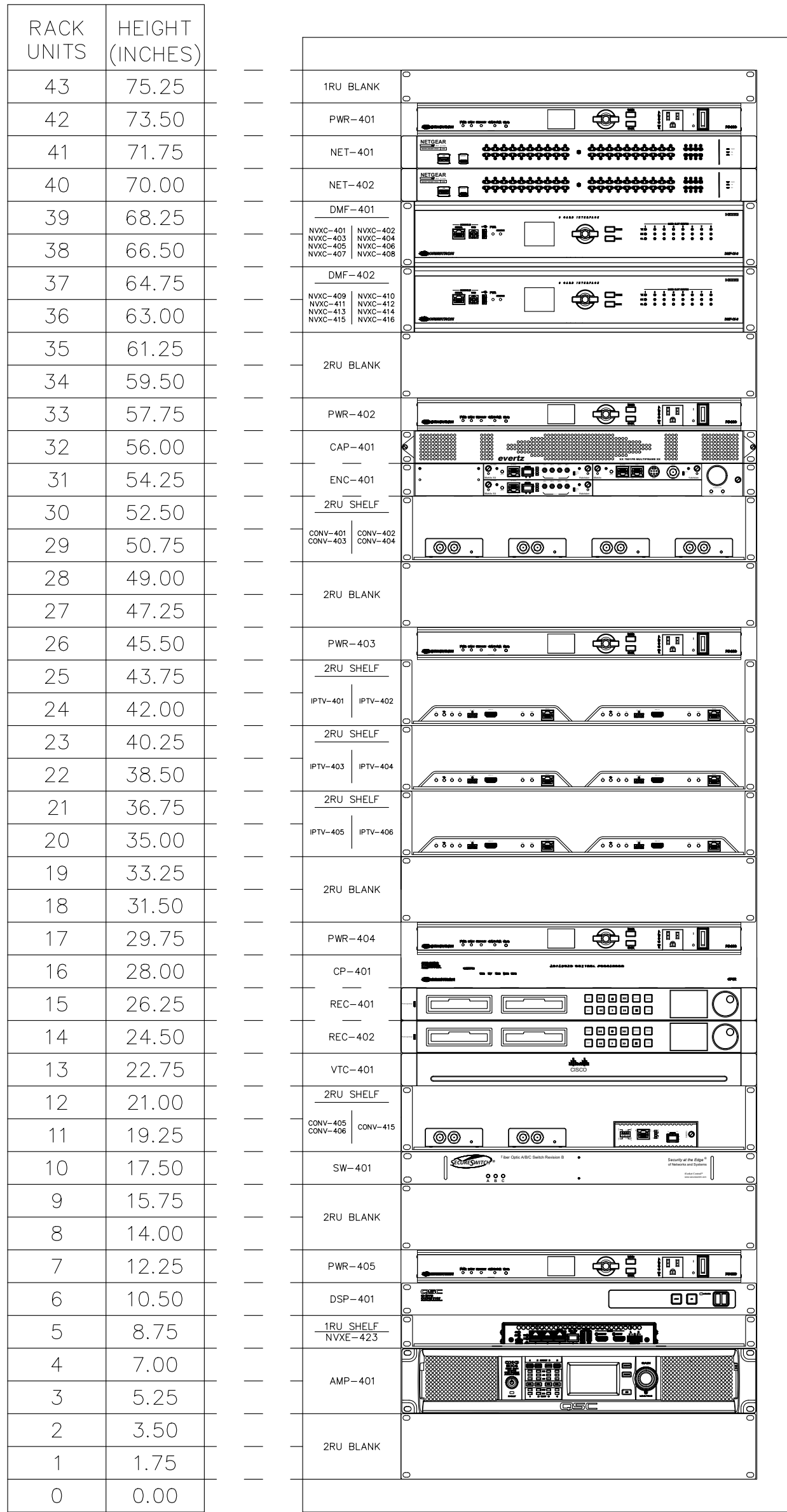
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|                                               |                 |                 |                      |
|-----------------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM                    |                 |                 |                      |
| DRAWING TITLE:<br>AVCTRL – PLATE & PANEL(2/2) |                 |                 |                      |
| SACLE:<br>NTS                                 | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>_____ |
| PROJECT:<br>_____                             | SHEET:<br>AV-12 |                 | REVISION:<br>A       |

ER-401



AVCTRL  
ER-401 RACK ELEVATION

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|                         |        |           |             |
|-------------------------|--------|-----------|-------------|
| SITE:                   |        |           |             |
| EXAMPLE AV SYSTEM       |        |           |             |
| DRAWING TITLE:          |        |           |             |
| AVCTRL – RACK ELEVATION |        |           |             |
| SACLE:                  | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS                     | 2/1/24 | JH        | ---         |
| PROJECT:                | SHEET: | REVISION: |             |
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# TV STUDIO

# AV CONTROL

# WOI

NOTES:

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| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
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| ENGINEER: |                                                                        |
|           | JOE HELD<br>1234 FAKE AVE<br>BALTIMORE, MD<br>21224<br>HELDSYSTEMS.NET |

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|         | CLIENT NAME<br>321 FAKE WAY<br>SOME PLACE, MD<br>21224 |

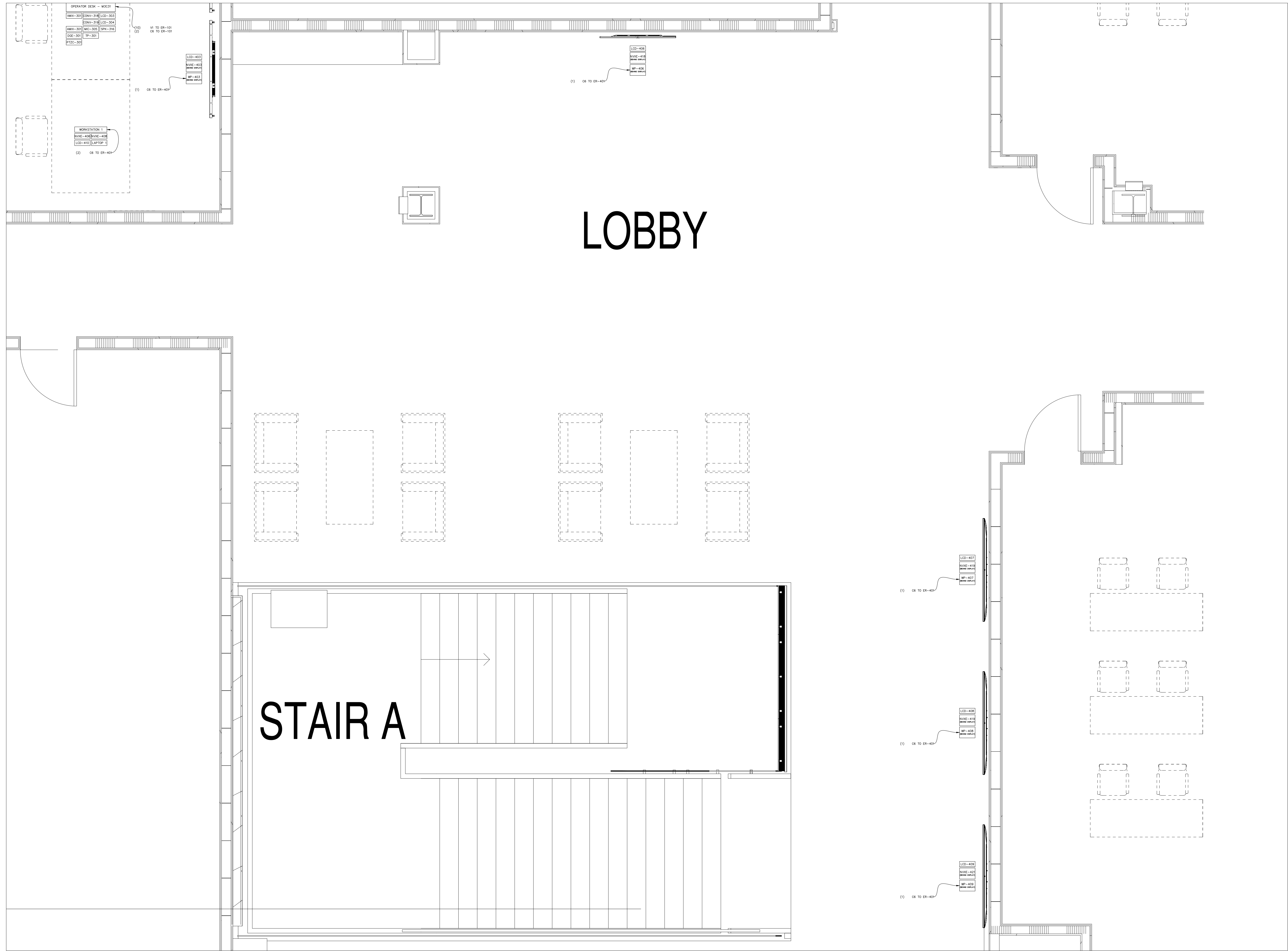
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

AVCTRL – FACILITY PLAN

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| PROJECT: | SHEET: |           | REVISION:   |
| _____    | AV-14  |           | A           |



NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real—world facility.

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| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

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SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

LOBBY — FACILITY PLAN

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | ---         |
| PROJECT: | SHEET: | REVISION: |             |
| ---      | AV—15  | A         |             |

## MP01 - A/V DEVICE SCHEDULE (1/2)

| ER-101 |             |            |                     |                           |          |                              |
|--------|-------------|------------|---------------------|---------------------------|----------|------------------------------|
| #      | DEVICE NAME | MAKE       | MODEL               | DESCRIPTION               | STATUS   | NOTES                        |
| 1      | NET-101     | NETGEAR    | M4250-40G8XF-POE+   | NETWORK SWITCH            | NEW      |                              |
| 2      | NET-102     | NETGEAR    | M4250-40G8XF-POE+   | NETWORK SWITCH            | NEW      |                              |
| 3      | DMF-101     | CRESTRON   | DMF-CI-8            | NVX CARD CHASIS           | NEW      |                              |
| 4      | NVXC-101    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 01         |
| 5      | NVXC-102    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 02         |
| 6      | NVXC-103    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 03         |
| 7      | NVXC-104    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 04         |
| 8      | NVXC-105    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 05         |
| 9      | NVXC-106    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 06         |
| 10     | NVXC-107    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 07         |
| 11     | NVXC-108    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER IN 08         |
| 12     | DMF-102     | CRESTRON   | DMF-CI-8            | NVX CARD CHASIS           | NEW      |                              |
| 13     | NVXC-109    | CRESTRON   | DM-NVX-E30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER PERVIEW VIDEO |
| 14     | NVXC-110    | CRESTRON   | DM-NVX-E30C         | NVX DECODER CARD          | NEW      | VIDEO SWITCHER PROGRAM VIDEO |
| 15     | NVXC-111    | CRESTRON   | DM-NVX-E30C         | NVX DECODER CARD          | NEW      | CAMERA 1                     |
| 16     | NVXC-112    | CRESTRON   | DM-NVX-E30C         | NVX DECODER CARD          | NEW      | CAMERA 2                     |
| 17     | NVXC-113    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD  | NEW      | AUXILIARY 1                  |
| 18     | NVXC-114    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD  | NEW      | AUXILIARY 2                  |
| 19     | NVXC-115    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD  | NEW      | ROUTABLE AUDIO               |
| 20     | NVXC-116    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD  | NEW      | AUXILIARY 3                  |
| 21     | CONV-101    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 01         |
| 22     | CONV-102    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 02         |
| 23     | CONV-103    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 03         |
| 24     | CONV-104    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 04         |
| 25     | CONV-105    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 05         |
| 26     | CONV-106    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 06         |
| 27     | CONV-107    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 07         |
| 28     | CONV-108    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER IN 08         |
| 29     | CONV-109    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER PREVIEW VIDEO |
| 30     | CONV-110    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | VIDEO SWITCHER PROGRAM VIDEO |
| 31     | CONV-111    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | CAMERA 1                     |
| 32     | CONV-112    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER        | NEW      | CAMERA 2                     |
| 33     | SBOX-101    | YAMAHA     | RIO 3224-D2         | DANTE STAGE BOX           | NEW      | FLOORBOX MIC INPUTS          |
| 34     | WRX-101     | SHURE      | ULXD4Q              | WIRELESS MIC RECEIVER     | EXISTING |                              |
| 35     | AMP-101     | QSC        | CX-2 2K4            | CEILING SPEAKER AMPLIFIER | NEW      |                              |
| 36     | PWR-101     | CRESTRON   | PC-300              | POWER CONDITIONER         | NEW      |                              |
| 37     | PWR-102     | CRESTRON   | PC-300              | POWER CONDITIONER         | NEW      |                              |
| 38     | PWR-103     | CRESTRON   | PC-300              | POWER CONDITIONER         | NEW      |                              |
| 39     | PWR-104     | CRESTRON   | PC-300              | POWER CONDITIONER         | NEW      |                              |

### MP01 - OPERATOR TABLE

| #  | DEVICE NAME | MAKE       | MODEL               | DESCRIPTION           | STATUS   | NOTES                     |
|----|-------------|------------|---------------------|-----------------------|----------|---------------------------|
| 40 | AMIX-101    | YAMAHA     | QL5                 | AUDIO MIXER           | EXISTING |                           |
| 41 | MIC-104     | SHURE      | SM85                | TALKBACK MIC          | EXISTING |                           |
| 42 | SPK-110     | YAMAHA     | MS101 III           | MONITOR SPEAKER       | EXISTING |                           |
| 43 | DGE-101     | CRESTRON   | DM-DGE-200-C        | GRAPHICS ENGINE       | EXISTING |                           |
| 44 | TP-101      | CRESTRON   | TSB-2020-B          | 20" TOUCH SCREEN      | EXISTING |                           |
| 45 | PTZC-101    | PANASONIC  | AW-RP120            | PTZ CAMERA CONTROLLER | EXISTING |                           |
| 46 | VMIX-101    | BLACKMAGIC | TV STUDIO 4K8       | VIDEO SWITCHER        | NEW      |                           |
| 47 | CONV-113    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER    | NEW      |                           |
| 48 | CONV-114    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER    | NEW      |                           |
| 49 | LCD-103     | SAMSUNG    | P2450H              | 24" LCD MONITOR       | EXISTING | VIDEO MIXER MULTI-VIEW    |
| 50 | LCD-104     | SAMSUNG    | P2450H              | 24" LCD MONITOR       | EXISTING | VIDEO MIXER PROGRAM VIDEO |

### MP01 - BACK TABLE

| #  | DEVICE NAME | MAKE           | MODEL        | DESCRIPTION          | STATUS   | NOTES |
|----|-------------|----------------|--------------|----------------------|----------|-------|
| 51 | WP-104      | LEVITON        | 42080-6WS    | 6 PORT WALL PLATE    | NEW      |       |
| 52 | NVXE-102    | CRESTRON       | DM-NVX-E30   | NVX ENCODER ENDPOINT | NEW      |       |
| 53 | NVXE-104    | CRESTRON       | DM-NVX-E30   | NVX ENCODER ENDPOINT | NEW      |       |
| 54 | NVXE-103    | CRESTRON       | DM-NVX-D30   | NVX DECODER ENDPOINT | NEW      |       |
| 55 | NVXE-105    | CRESTRON       | DM-NVX-D30   | NVX DECODER ENDPOINT | NEW      |       |
| 56 | AVB-101     | VADCO          | 999-9210-000 | AV BRIDGE            | EXISTING |       |
| 57 | LCD-102     | LG             | 25MB35PY     | 24" LCD MONITOR      | EXISTING |       |
| 58 | MIC-103     | AUDIO TECHNICA | U857Q        | GOOSENECK MIC        | NEW      |       |
| 59 | WP-105      | PRO CO         | WP1004       | XLR WALL PLATE       | NEW      |       |
| 60 | TP-102      | CRESTRON       | TSW-560-B-S  | 5" TOUCH PANEL       | EXISTING |       |

## MP01 - A/V DEVICE SCHEDULE (2/2)

| MP01 - CEILING |             |           |             |                      |          |       |
|----------------|-------------|-----------|-------------|----------------------|----------|-------|
| #              | DEVICE NAME | MAKE      | MODEL       | DESCRIPTION          | STATUS   | NOTES |
| 61             | NVXE-107    | CRESTRON  | DM-NVX-D30  | NVX DECODER ENDPOINT | NEW      |       |
| 62             | PROJ-101    | PANASONIC | PT-DZ16K2U  | CEILING PROJECTOR    | EXISTING |       |
| 63             | SPLT-101    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 64             | SPLT-102    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 65             | SPLT-103    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 66             | SPLT-104    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 67             | UHF-101     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 68             | UHF-102     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 69             | UHF-103     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 70             | UHF-104     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 71             | ANT-101     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 72             | ANT-102     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 73             | ANT-103     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 74             | ANT-104     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 75             | MIC-101     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 76             | MIC-102     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 77             | SPK-101     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 78             | SPK-102     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 79             | SPK-103     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 80             | SPK-104     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 81             | SPK-105     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 82             | SPK-106     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 83             | SPK-107     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 84             | SPK-108     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 85             | SPK-109     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 86             | SCRN-101    | DRAPER    | ACCESS V    | PROJECTION SCREEN    | EXISTING |       |

### MP01 - BACK WALL

| #  | DEVICE NAME | MAKE      | MODEL      | DESCRIPTION          | STATUS   | NOTES |
|----|-------------|-----------|------------|----------------------|----------|-------|
| 87 | WP-102      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW      |       |
| 88 | WP-103      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW      |       |
| 89 | NVXE-101    | CRESTRON  | DM-NVX-D30 | NVX DECODER ENDPOINT | NEW      |       |
| 90 | LCD-101     | NEC       | C961Q      | 86" LCD MONITOR      | EXISTING |       |
| 91 | CAM-102     | PANASONIC | AW-UE150   | PTZ CAMERA           | NEW      |       |

### MP01 - FRONT WALL

| #  | DEVICE NAME | MAKE      | MODEL     | DESCRIPTION               | STATUS   | NOTES |
|----|-------------|-----------|-----------|---------------------------|----------|-------|
| 92 | WP-101      | LEVITON   | 42080-2WS | 2 PORT WALL PLATE         | NEW      |       |
| 93 | CAM-101     | PANASONIC | AW-UE150  | PTZ CAMERA                | NEW      |       |
| 94 | SCRN-101    | DRAPER    | LVC-S     | PROJECTION SCREEN CONTROL | EXISTING |       |

### MP01 - PODIUM

| #  | DEVICE NAME | MAKE     | MODEL      | DESCRIPTION          | STATUS | NOTES |
|----|-------------|----------|------------|----------------------|--------|-------|
| 95 | FB-101      | LEVITON  | 42080-2WS  | 2 PORT FLOOR PLATE   | NEW    |       |
| 96 | NVXE-106    | CRESTRON | DM-NVX-D30 | NVX DECODER ENDPOINT | NEW    |       |

NOTES:

## NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

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| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

ENGINEER:

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321 FAKE WAY  
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SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 — DEVICE SCHEDULE

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| ---      | AV—16  | A         |             |

## MP01 - A/V CABLE SCHEDULE (1/2)

| NETWORK CABLES |            |               |                  |                    |                  |
|----------------|------------|---------------|------------------|--------------------|------------------|
| CABLE NAME     | CABLE TYPE | SOURCE DEVICE | SOURCE PORT      | DESTINATION DEVICE | DESTINATION PORT |
| C6-1001        | CAT 6      | NVXE-107      | LAN 1            | NET-101            | PORT 01          |
| C6-1002        | CAT 6      | FB-104        | PODIUM NVX       | NET-101            | PORT 02          |
| C6-1003        | CAT 6      | WP-104        | LCD-102 NVX      | NET-101            | PORT 03          |
| C6-1004        | CAT 6      | WP-104        | LAPTOP NVX       | NET-101            | PORT 04          |
| C6-1005        | CAT 6      | WP-104        | AV BRIDGE NVX    | NET-101            | PORT 05          |
| C6-1006        | CAT 6      | WP-104        | LAPTOP 1 NVX     | NET-101            | PORT 06          |
| C6-1007        | CAT 6      | WP-103        | HEAR DISPLAY NVX | NET-101            | PORT 07          |
| C6-1008        | CAT 6      | NVXC-101      | LAN 1            | NET-102            | PORT 01          |
| C6-1009        | CAT 6      | NVXC-102      | LAN 1            | NET-102            | PORT 02          |
| C6-1010        | CAT 6      | NVXC-103      | LAN 1            | NET-102            | PORT 03          |
| C6-1011        | CAT 6      | NVXC-104      | LAN 1            | NET-102            | PORT 04          |
| C6-1012        | CAT 6      | NVXC-105      | LAN 1            | NET-102            | PORT 05          |
| C6-1013        | CAT 6      | NVXC-106      | LAN 1            | NET-102            | PORT 06          |
| C6-1014        | CAT 6      | NVXC-107      | LAN 1            | NET-102            | PORT 07          |
| C6-1015        | CAT 6      | NVXC-108      | LAN 1            | NET-102            | PORT 08          |
| C6-1016        | CAT 6      | NVXC-109      | LAN 1            | NET-102            | PORT 09          |
| C6-1017        | CAT 6      | NVXC-110      | LAN 1            | NET-102            | PORT 10          |
| C6-1018        | CAT 6      | NVXC-111      | LAN 1            | NET-102            | PORT 11          |
| C6-1019        | CAT 6      | NVXC-112      | LAN 1            | NET-102            | PORT 12          |
| C6-1020        | CAT 6      | NVXC-113      | LAN 1            | NET-102            | PORT 13          |
| C6-1021        | CAT 6      | NVXC-114      | LAN 1            | NET-102            | PORT 14          |
| C6-1022        | CAT 6      | NVXC-115      | LAN 1            | NET-102            | PORT 15          |
| C6-1023        | CAT 6      | NVXC-116      | LAN 1            | NET-102            | PORT 16          |
| C6-1024        | CAT 6      | WP-104        | AV BRIDGE LAN    | NET-101            | PORT 08          |
| C6-1025        | CAT 6      | MIC-102       | LAN              | NET-101            | PORT 09          |
| C6-1026        | CAT 6      | MIC-101       | LAN              | NET-101            | PORT 10          |
| C6-1027        | CAT 6      | AMIX-101      | ETHERNET         | NET-101            | PORT 11          |
| C6-1028        | CAT 6      | SBOX-101      | DANTE PRIMARY    | NET-102            | PORT 17          |
| C6-1029        | CAT 6      | AMP-101       | LAN              | NET-102            | PORT 18          |
| C6-1030        | CAT 6      | WRX-101       | DANTE PRIMARY    | NET-102            | PORT 19          |
| C6-1031        | CAT 6      | PWR-101       | LAN              | NET-102            | PORT 20          |
| C6-1032        | CAT 6      | PWR-102       | LAN              | NET-102            | PORT 21          |
| C6-1033        | CAT 6      | PWR-103       | LAN              | NET-102            | PORT 22          |
| C6-1034        | CAT 6      | PWR-104       | LAN              | NET-102            | PORT 23          |
| C6-1035        | CAT 6      | DGE-101       | LAN              | NET-101            | PORT 12          |
| C6-1036        | CAT 6      | PTZC-101      | LAN              | NET-101            | PORT 13          |
| C6-1037        | CAT 6      | WP-101        | CAM 1 CONTROL    | NET-101            | PORT 14          |
| C6-1038        | CAT 6      | WP-102        | CAM 2 CONTROL    | NET-101            | PORT 15          |
| C6-1039        | CAT 6      | WP-104        | TOUCH PANEL      | NET-101            | PORT 16          |
| C6-1040        | CAT 6      | WP-103        | REAR DISPLAY NVX | NVXE-101           | LAN 1            |
| C6-1041        | CAT 6      | WP-104        | LAPTOP 1 NVX     | NVXE-102           | LAN 1            |
| C6-1042        | CAT 6      | WP-104        | AV BRIDGE NVX    | NVXE-103           | LAN 1            |
| C6-1043        | CAT 6      | WP-104        | LAPTOP 2 NVX     | NVXE-104           | LAN 1            |
| C6-1044        | CAT 6      | WP-104        | LCD-102 NVX      | NVXE-105           | LAN 1            |
| C6-1045        | CAT 6      | FB-101        | PODIUM NVX       | NVXE-106           | LAN 1            |
| C6-1046        | CAT 6      | WP-104        | AVB LAN          | AVB-101            | ETHERNET         |
| C6-1047        | CAT 6      | WP-101        | CAM 1 CTRL       | CAM-101            | LAN              |
| C6-1048        | CAT 6      | WP-102        | CAM 2 CTRL       | CAM-102            | LAN              |
| C6-1049        | CAT 6      | WP-104        | TOUCH PANEL      | TP-102             | LAN              |
| C6-1050        | CAT 6      | WP-104        | AV BRIDGE NVX    | AVB-101            | ETHERNET         |

| MP01 - VIDEO CABLES |            |               |                |                    |                  |
|---------------------|------------|---------------|----------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE | SOURCE DEVICE | SOURCE PORT    | DESTINATION DEVICE | DESTINATION PORT |
| HD-1001             | HDMI       | NVXC-101      | HDMI OUTPUT    | CONV-101           | HDMI IN          |
| HD-1002             | HDMI       | NVXC-102      | HDMI OUTPUT    | CONV-102           | HDMI IN          |
| HD-1003             | HDMI       | NVXC-103      | HDMI OUTPUT    | CONV-103           | HDMI IN          |
| HD-1004             | HDMI       | NVXC-104      | HDMI OUTPUT    | CONV-104           | HDMI IN          |
| HD-1005             | HDMI       | NVXC-105      | HDMI OUTPUT    | CONV-105           | HDMI IN          |
| HD-1006             | HDMI       | NVXC-106      | HDMI OUTPUT    | CONV-106           | HDMI IN          |
| HD-1007             | HDMI       | NVXC-107      | HDMI OUTPUT    | CONV-107           | HDMI IN          |
| HD-1008             | HDMI       | NVXC-108      | HDMI OUTPUT    | CONV-108           | HDMI IN          |
| HD-1009             | HDMI       | NVXC-109      | HDMI INPUT     | CONV-109           | HDMI OUT         |
| HD-1010             | HDMI       | NVXC-110      | HDMI INPUT     | CONV-110           | HDMI OUT         |
| HD-1011             | HDMI       | NVXC-111      | HDMI OUTPUT    | CONV-111           | HDMI IN          |
| HD-1012             | HDMI       | NVXC-112      | HDMI OUTPUT    | CONV-112           | HDMI IN          |
| HD-1013             | HDMI       | CONV-113      | HDMI OUT       | LCD-103            | HDMI IN          |
| HD-1014             | HDMI       | CONV-114      | HDMI OUT       | LCD-104            | HDMI IN          |
| HD-1015             | HDMI       | NVXE-101      | HDMI OUTPUT    | LCD-101            | HDMI IN          |
| HD-1016             | HDMI       | NVXE-102      | HDMI INPUT     | LAPTOP 1           | HDMI OUT         |
| HD-1017             | HDMI       | NVXE-103      | HDMI OUTPUT    | AVB-101            | HDMI IN          |
| HD-1018             | HDMI       | NVXE-104      | HDMI INPUT     | LAPTOP 2           | HDMI OUT         |
| HD-1019             | HDMI       | NVXE-105      | HDMI OUTPUT    | LCD-102            | HDMI IN          |
| HD-1020             | HDMI       | NVXE-106      | HDMI OUTPUT    | PODIUM LAPTOP      | HDMI OUT         |
| HD-1021             | HDMI       | NVXE-107      | HDMI OUTPUT    | PROJ-101           | HDMI IN          |
| V1-1001             | SDI        | CONV-101      | SDI OUT        | VMIX-101           | SDI IN 1         |
| V1-1002             | SDI        | CONV-102      | SDI OUT        | VMIX-101           | SDI IN 2         |
| V1-1003             | SDI        | CONV-103      | SDI OUT        | VMIX-101           | SDI IN 3         |
| V1-1004             | SDI        | CONV-104      | SDI OUT        | VMIX-101           | SDI IN 4         |
| V1-1005             | SDI        | CONV-105      | SDI OUT        | VMIX-101           | SDI IN 5         |
| V1-1006             | SDI        | CONV-106      | SDI OUT        | VMIX-101           | SDI IN 6         |
| V1-1007             | SDI        | CONV-107      | SDI OUT        | VMIX-101           | SDI IN 7         |
| V1-1008             | SDI        | CONV-108      | SDI OUT        | VMIX-101           | SDI IN 8         |
| V1-1009             | SDI        | CONV-109      | SDI IN         | VMIX-101           | AUX SDI OUT 1    |
| V1-1010             | SDI        | CONV-110      | SDI IN         | VMIX-101           | PROGRAM OUT      |
| V1-1011             | SDI        | CONV-111      | SDI IN         | WP-101             | CAM 1 VIDEO      |
| V1-1012             | SDI        | CONV-112      | SDI IN         | WP-102             | CAM 2 VIDEO      |
| V1-1013             | SDI        | VMIX-101      | MULTI-VIEW OUT | CONV-113           | SDI IN           |
| V1-1014             | SDI        | VMIX-101      | AUX SDI OUT 2  | CONV-114           | SDI IN           |
| V1-1015             | SDI        | WP-101        | CAM 1 VIDEO    | CAM-101            | SDI OUT          |
| V1-1016             | SDI        | WP-102        | CAM 2 VIDEO    | CAM-102            | SDI OUT          |

| MP01 - CONTROL CABLES |            |               |             |                    |                  |
|-----------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME            | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| USB-1001              | USB        | DGE-101       | USBA        | TP-101             | USBB             |
| C1-1001               | 22 / 2     | CP-401        | RELAY 1     | SCRN-102           | RELAY            |
| C1-1002               | 22 / 2     | SCRN-102      | RELAY       | SCRN-101           | RELAY            |
| C1-1003               | 22 / 2     | NVXE-101      | COM         | LCD-101            | RS232            |

## MP01 - A/V CABLE SCHEDULE (2/2)

| MP01 - AUDIO CABLES |                |               |               |                    |                  |
|---------------------|----------------|---------------|---------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE     | SOURCE DEVICE | SOURCE PORT   | DESTINATION DEVICE | DESTINATION PORT |
| M1-1001             | MIC LVL AUDIO  | FB11-A        | MIC INPUT     | SBOX-101           | INPUT 01         |
| M1-1002             | MIC LVL AUDIO  | FB11-B        | MIC INPUT     | SBOX-101           | INPUT 02         |
| M1-1003             | MIC LVL AUDIO  | FB11-C        | MIC INPUT     | SBOX-101           | INPUT 03         |
| M1-1004             | MIC LVL AUDIO  | FB11-D        | MIC INPUT     | SBOX-101           | INPUT 04         |
| M1-1005             | MIC LVL AUDIO  | FB11-E        | MIC INPUT     | SBOX-101           | INPUT 05         |
| M1-1006             | MIC LVL AUDIO  | FB11-F        | MIC INPUT     | SBOX-101           | INPUT 06         |
| M1-1007             | MIC LVL AUDIO  | FB11-G        | MIC INPUT     | SBOX-101           | INPUT 07         |
| M1-1008             | MIC LVL AUDIO  | FB11-H        | MIC INPUT     | SBOX-101           | INPUT 08         |
| M1-1009             | MIC LVL AUDIO  | FB11-I        | MIC INPUT     | SBOX-101           | INPUT 09         |
| M1-1010             | MIC LVL AUDIO  | FB11-K        | MIC INPUT     | SBOX-101           | INPUT 10         |
| M1-1011             | MIC LVL AUDIO  | FB11-L        | MIC INPUT     | SBOX-101           | INPUT 11         |
| M1-1012             | MIC LVL AUDIO  | FB11-M        | MIC INPUT     | SBOX-101           | INPUT 12         |
| M1-1013             | MIC LVL AUDIO  | FB11-N        | MIC INPUT     | SBOX-101           | INPUT 13         |
| M1-1014             | MIC LVL AUDIO  | FB11-P        | MIC INPUT     | SBOX-101           | INPUT 14         |
| M1-1015             | MIC LVL AUDIO  | FB11-Q        | MIC INPUT     | SBOX-101           | INPUT 15         |
| M1-1016             | MIC LVL AUDIO  | FB11-R        | MIC INPUT     | SBOX-101           | INPUT 16         |
| M1-1017             | MIC LVL AUDIO  | FB11-S        | MIC INPUT     | SBOX-101           | INPUT 17         |
| M1-1018             | MIC LVL AUDIO  | FB11-T        | MIC INPUT     | SBOX-101           | INPUT 18         |
| M1-1019             | MIC LVL AUDIO  | FB11-U        | MIC INPUT     | SBOX-101           | INPUT 19         |
| M1-1020             | MIC LVL AUDIO  | FB11-V        | MIC INPUT     | SBOX-101           | INPUT 20         |
| M1-1021             | MIC LVL AUDIO  | FB11-W        | MIC INPUT     | SBOX-101           | INPUT 21         |
| M1-1022             | MIC LVL AUDIO  | FB11-X        | MIC INPUT     | SBOX-101           | INPUT 22         |
| M1-1023             | MIC LVL AUDIO  | FB11-Y        | MIC INPUT     | SBOX-101           | INPUT 23         |
| M1-1024             | MIC LVL AUDIO  | FB11-Z        | MIC INPUT     | SBOX-101           | INPUT 24         |
| M1-1025             | MIC LVL AUDIO  | FB11-AA       | MIC INPUT     | SBOX-101           | INPUT 25         |
| M1-1026             | MIC LVL AUDIO  | FB11-AB       | MIC INPUT     | SBOX-101           | INPUT 26         |
| M1-1027             | MIC LVL AUDIO  | FB11-AC       | MIC INPUT     | SBOX-101           | INPUT 27         |
| M1-1028             | MIC LVL AUDIO  | FB11-AD       | MIC INPUT     | SBOX-101           | INPUT 28         |
| M1-1029             | MIC LVL AUDIO  | FB11-AE       | MIC INPUT     | SBOX-101           | INPUT 29         |
| M1-1030             | MIC LVL AUDIO  | FB11-AF       | MIC INPUT     | SBOX-101           | INPUT 30         |
| M1-1031             | MIC LVL AUDIO  | FB11-AG       | MIC INPUT     | SBOX-101           | INPUT 31         |
| M1-1032             | MIC LVL AUDIO  | FB11-AH       | MIC INPUT     | SBOX-101           | INPUT 32         |
| L1-1003             | LINE LVL AUDIO | NVXC-115      | AUDIO I/O     | DSP-401            | ML IN CH3        |
| L1-1002A/B          | LINE LVL AUDIO | AVB-101       | LINE IN (L/R) | NVXE-103           | AUDIO I/O        |
| M1-1033             | MIC LVL AUDIO  | WP-105        | MIC OUT       | DSP-401            | M/K IN CH4       |
| M1-1034             | MIC LVL AUDIO  | MIC-103       | MIC OUT       | WP-105             | MIC IN           |
| M1-1035             | MIC LVL AUDIO  | MIC-104       | MIC OUT       | AMIX-101           | INPUT 01         |
| L1-1003             | LINE LVL AUDIO | AMIX-101      | OUTPUT 01     | SPK-110            | IN               |
| S1-1001             | SPEAKER CABLE  | AMP-101       | OUTPUT CH C   | SPK-101            | IN               |
| S1-1002             | SPEAKER CABLE  | AMP-101       | OUTPUT CH B   | SPK-104            | IN               |
| S1-1003             | SPEAKER CABLE  | AMP-101       | OUTPUT CH A   | SPK-107            | IN               |
| S1-1004             | SPEAKER CABLE  | SPK-101       | OUT           | SPK-102            | IN               |
| S1-1005             | SPEAKER CABLE  | SPK-102       | OUT           | SPK-103            | IN               |
| S1-1006             | SPEAKER CABLE  | SPK-104       | OUT           | SPK-105            | IN               |
| S1-1007             | SPEAKER CABLE  | SPK-105       | OUT           | SPK-106            | IN               |
| S1-1008             | SPEAKER CABLE  | SPK-107       | OUT           | SPK-108            | IN               |
| S1-1009             | SPEAKER CABLE  | SPK-108       | OUT           | SPK-109            | IN               |

| MP01 - ANTENNA CABLES |            |               |             |                    |                  |
|-----------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME            | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| A1-1001               | RG8        | ANT-101       | ANT         | UHF-101            | IN               |
| A1-1002               | RG8        | ANT-102       | ANT         | UHF-102            | IN               |
| A1-1003               | RG8        | ANT-103       | ANT         | UHF-103            | IN               |
| A1-1004               | RG8        | ANT-104       | ANT         | UHF-104            | IN               |
| A1-1005               | RG8        | UHF-101       | OUT         | SPLT-103           | ANT              |
| A1-1006               | RG8        | UHF-102       | OUT         | SPLT-103           | R2               |
| A1-1007               | RG8        | UHF-103       | OUT         | SPLT-104           | ANT              |
| A1-1008               | RG8        | UHF-104       | OUT         | SPLT-104           | R2               |
| A1-1009               | RG8        | SPLT-103      | R1          | SPLT-101           | ANT              |
| A1-1010               | RG8        | SPLT-104      | R1          | SPLT-102           | ANT              |
| A1-1011               | RG8        | SPLT-101      | R1          | WRX-101            | ANT IN B         |
| A1-1012               | RG8        | SPLT-101      | R2          | SPLT-201           | R1               |
| A1-1013               | RG8        | SPLT-102      | R1          | WRX-101            | ANT IN A         |
| A1-1014               | RG8        | SPLT-102      | R2          | SPLT-202           | R1               |

| MP01 - POWER CABLES |            |               |             |                    |                  |
|---------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| P1-1001             | PWR        | PWR-101       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1002             | PWR        | PWR-102       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1003             | PWR        | PWR-103       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1004             | PWR        | PWR-104       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1005             | PWR        | NET-101       | POWER       | PWR-101            | OUTLET 1         |
| P1-1006             | PWR        | DMF-101       | POWER       | PWR-101            | OUTLET 2         |
| P1-1007             | PWR        | DMF-102       | POWER       | PWR-101            | OUTLET 3         |
| P1-1008             | PWR        | NET-102       | POWER       | PWR-101            | OUTLET 4         |
| P1-1009             | PWR        | CONV-101      | USB POWER   | PWR-102            | OUTLET 1         |
| P1-1010             | PWR        | CONV-102      | USB POWER   | PWR-102            | OUTLET 5         |
| P1-1011             | PWR        | CONV-103      | USB POWER   | PWR-102            | OUTLET 2         |
| P1-1012             | PWR        | CONV-104      | USB POWER   | PWR-102            | OUTLET 6         |
| P1-1013             | PWR        | CONV-105      | USB POWER   | PWR-102            | OUTLET 3         |
| P1-1014             | PWR        | CONV-106      | USB POWER   | PWR-102            | OUTLET 7         |
| P1-1015             | PWR        | CONV-107      | USB POWER   | PWR-102            | OUTLET 4         |
| P1-1016             | PWR        | CONV-108      | USB POWER   | PWR-102            | OUTLET 8         |
| P1-1017             | PWR        | CONV-109      | USB POWER   | PWR-103            | OUTLET 1         |
| P1-1018             | PWR        | CONV-110      | USB POWER   | PWR-103            | OUTLET 5         |
| P1-1019             | PWR        | CONV-111      | USB POWER   | PWR-103            | OUTLET 2         |
| P1-1020             | PWR        | CONV-112      | USB POWER   | PWR-103            | OUTLET 6         |
| P1-1021             | PWR        | SBOX-101      | POWER 1     | PWR-104            | OUTLET 1         |
| P1-1022             | PWR        | SBOX-101      | POWER 2     | PWR-104            | OUTLET 2         |
| P1-1023             | PWR        | WRX-101       | POWER       | PWR-104            | OUTLET 5         |
| P1-1024             | PWR        | AMP-101       | POWER       | PWR-104            | OUTLET 6         |
| P1-1025             | PWR        | PROJ-101      | POWER       | BUILDING POWER     | AC 120V          |
| P1-1026             | PWR        | LCD-101       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1027             | PWR        | LCD-102       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1028             | PWR        | PODIUM        | POWER       | BUILDING POWER     | AC 120V          |
| P1-1029             | PWR        | MIX-101       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1030             | PWR        | DGE-101       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1031             | PWR        | PTZC-101      | POWER       | BUILDING POWER     | AC 120V          |
| P1-1032             | PWR        | TP-101        | POWER       | BUILDING POWER     | AC 120V          |
| P1-1033             | PWR        | SPK-101       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1034             | PWR        | LCD-103       | POWER       | BUILDING POWER     | AC 120V          |
| P1-1035             | PWR        | LCD-104       | POWER       | BUILDING POWER     | AC 120V          |

NOTES:

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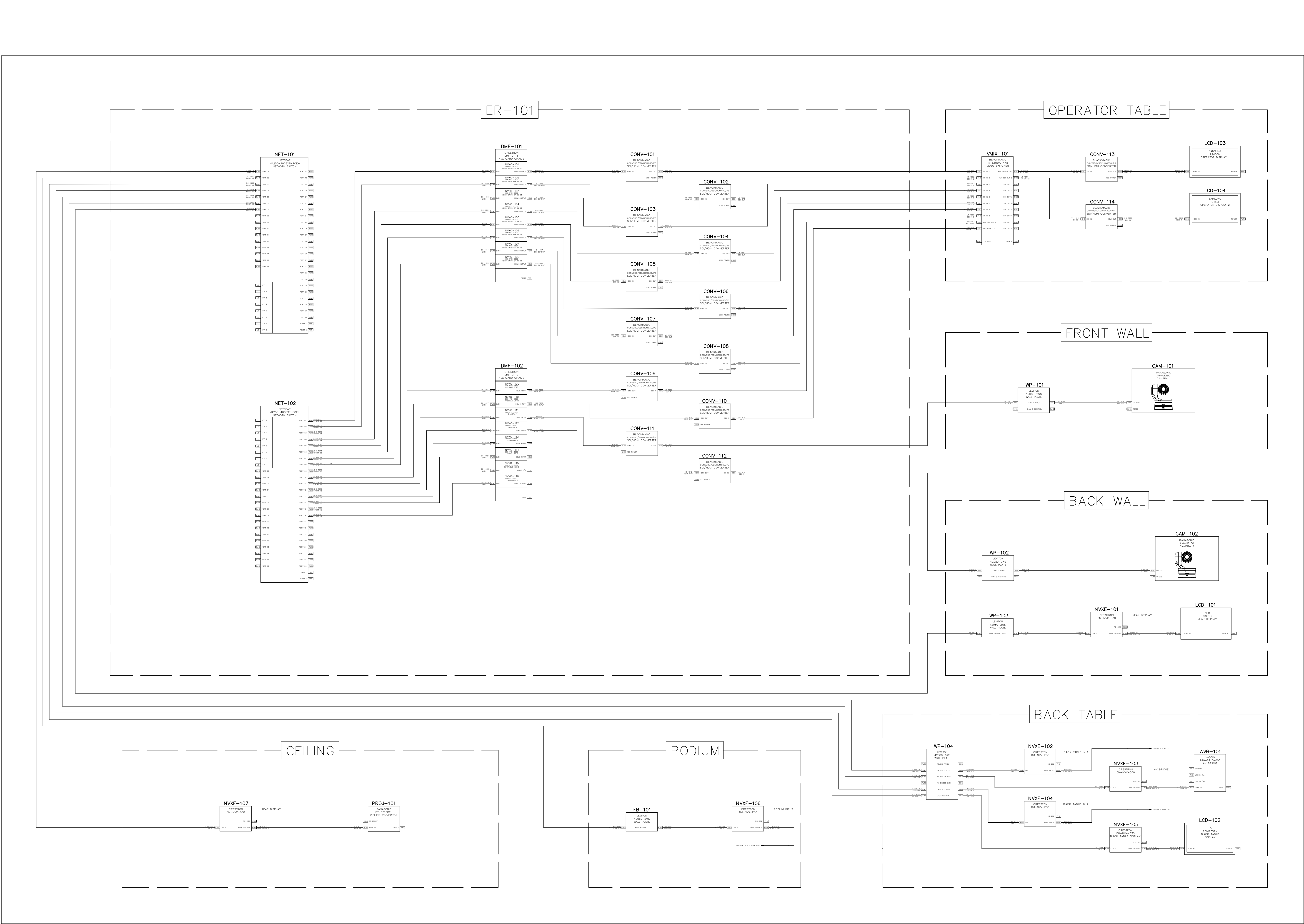
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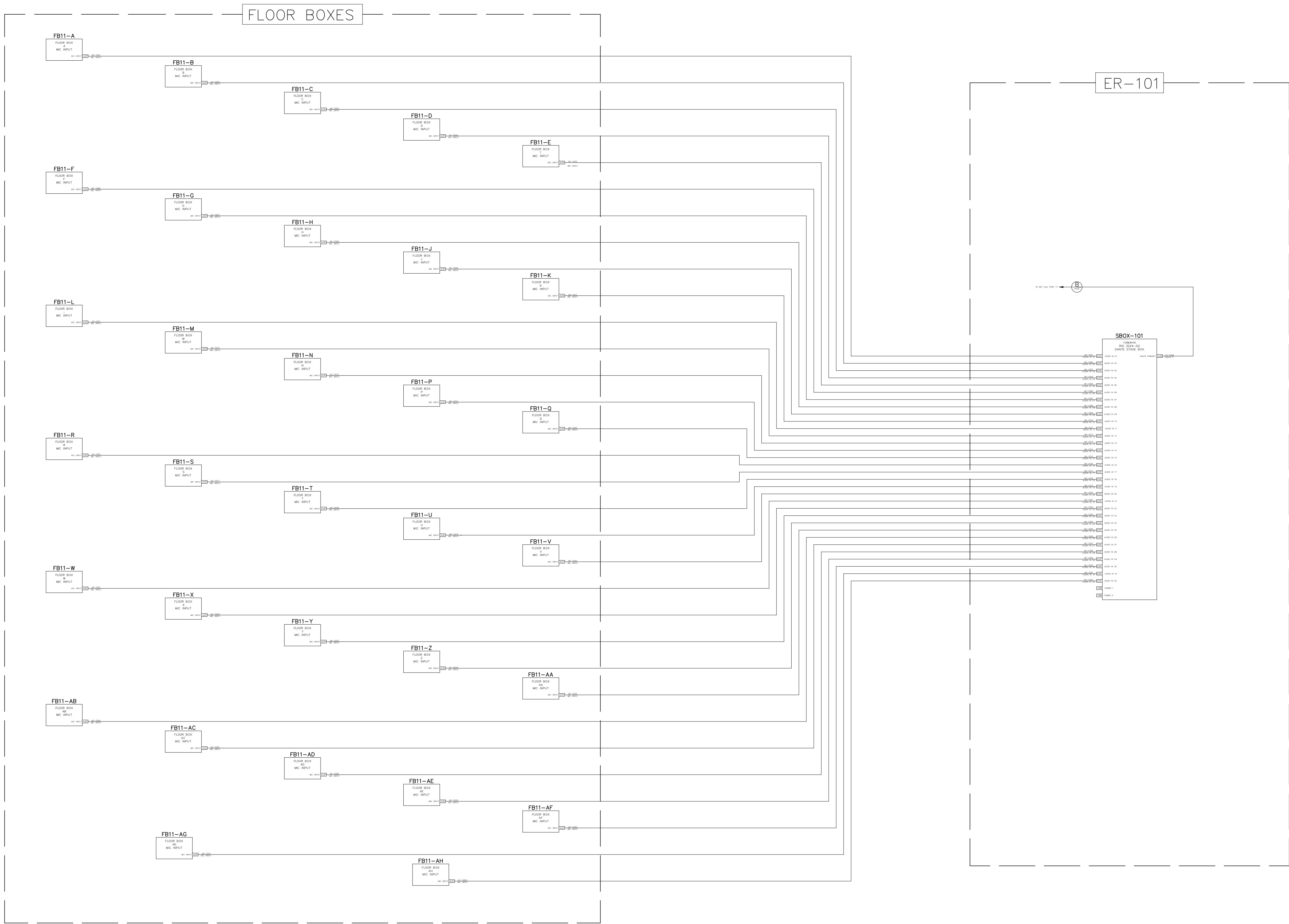
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – VIDEO DISTRIBUTION

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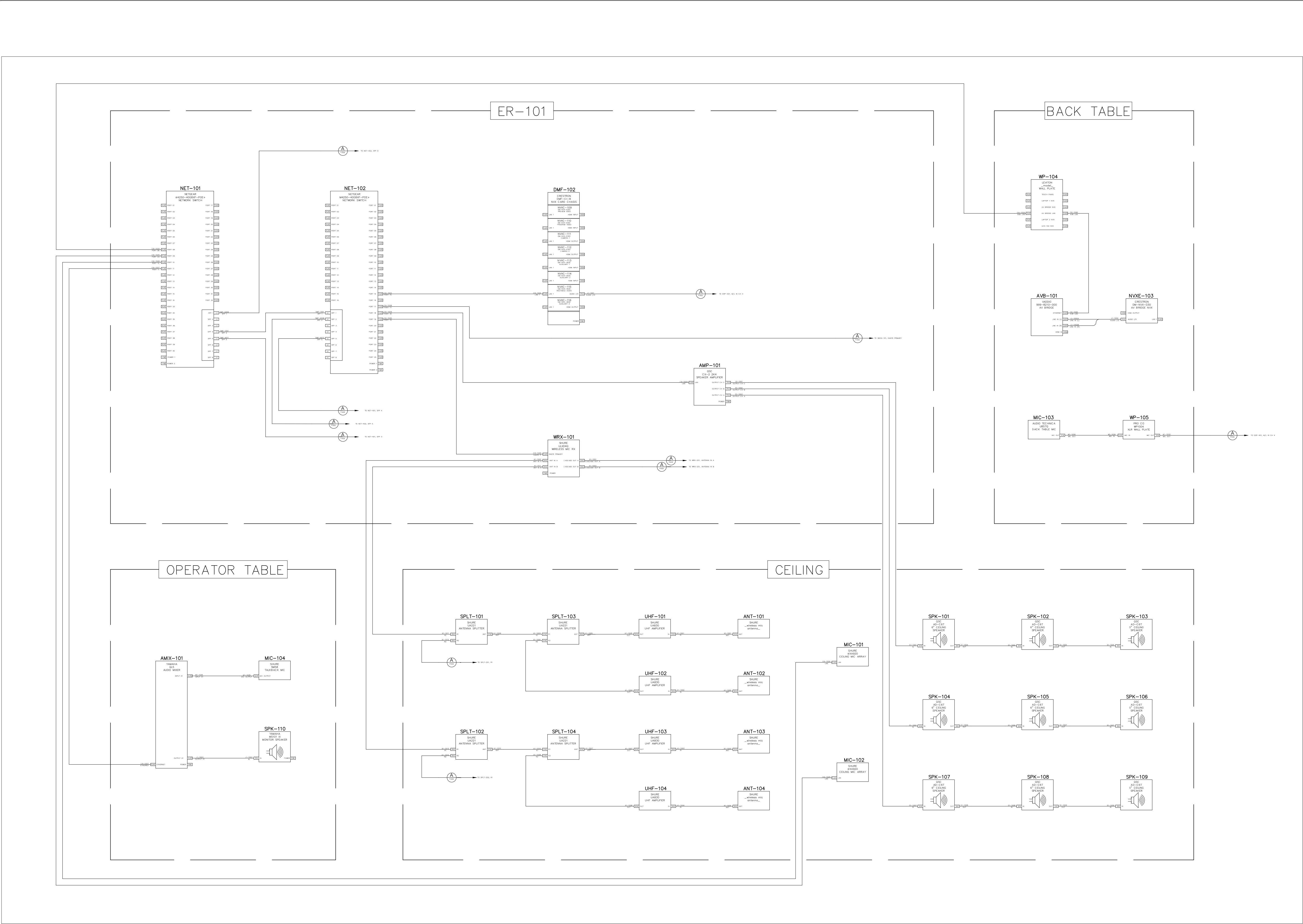
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|                                      |                 |                 |                      |
|--------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM           |                 |                 |                      |
| DRAWING TITLE:<br>MP01 – FLOOR BOXES |                 |                 |                      |
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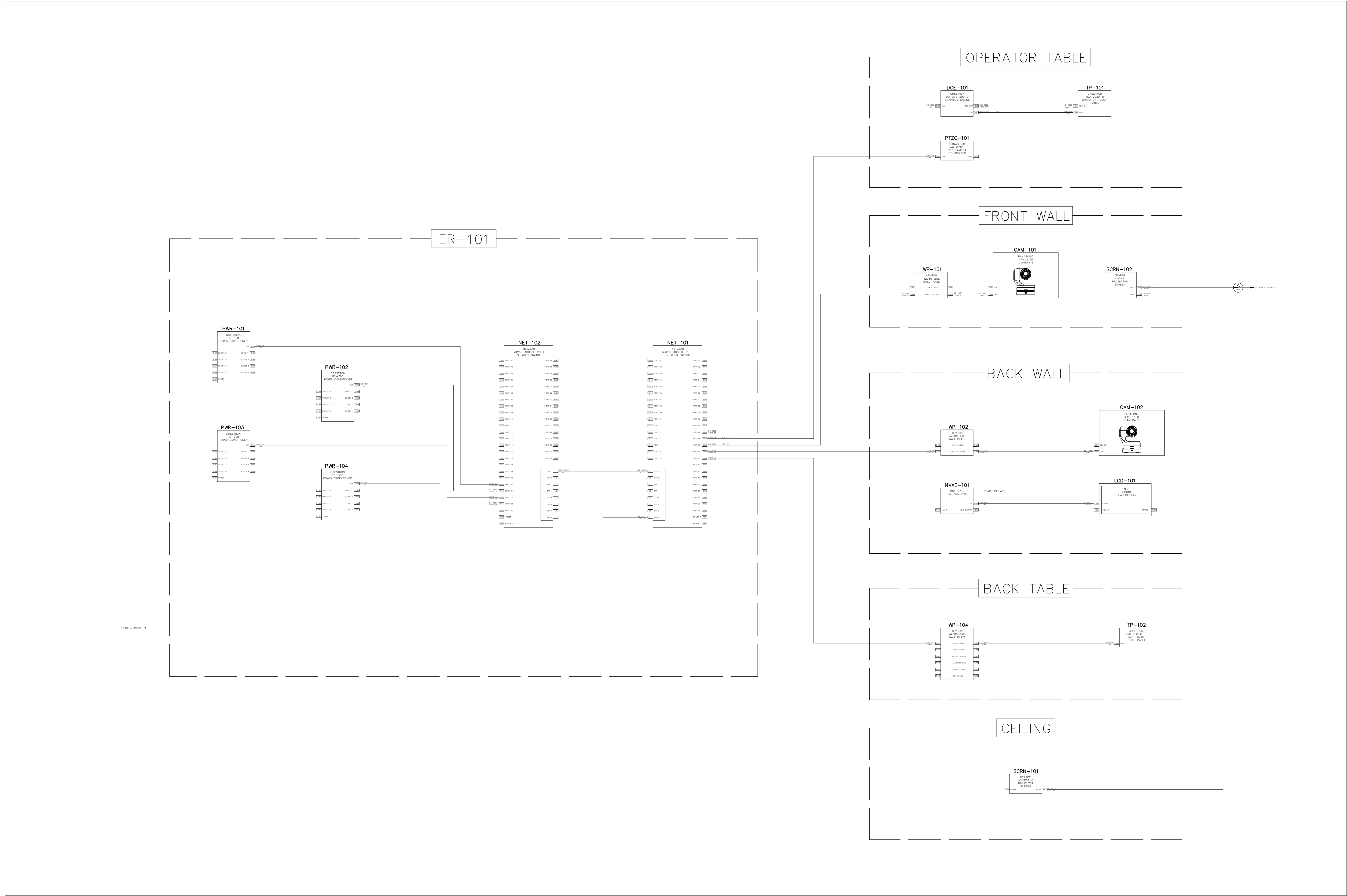
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – AUDIO DISTRIBUTION

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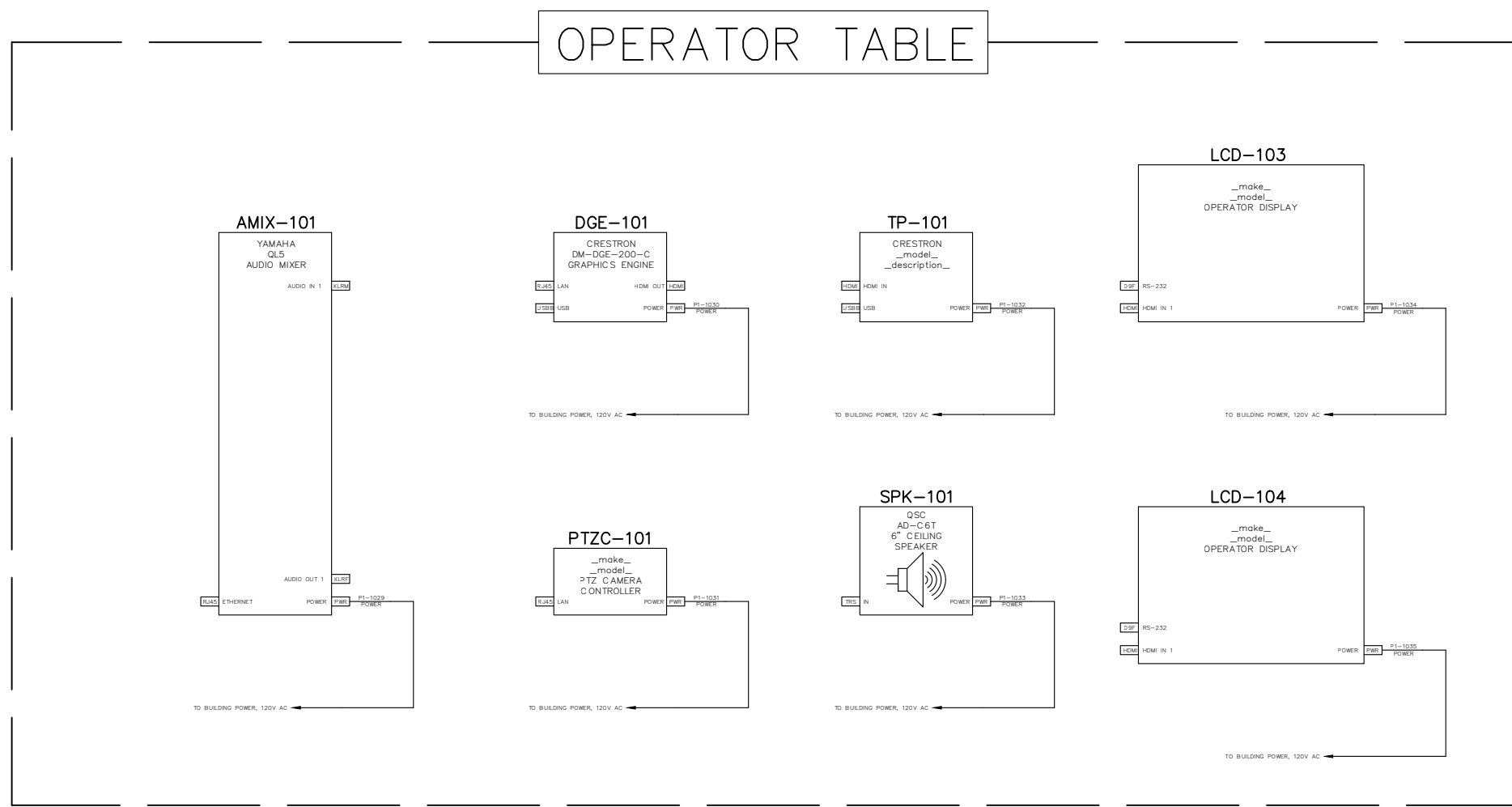
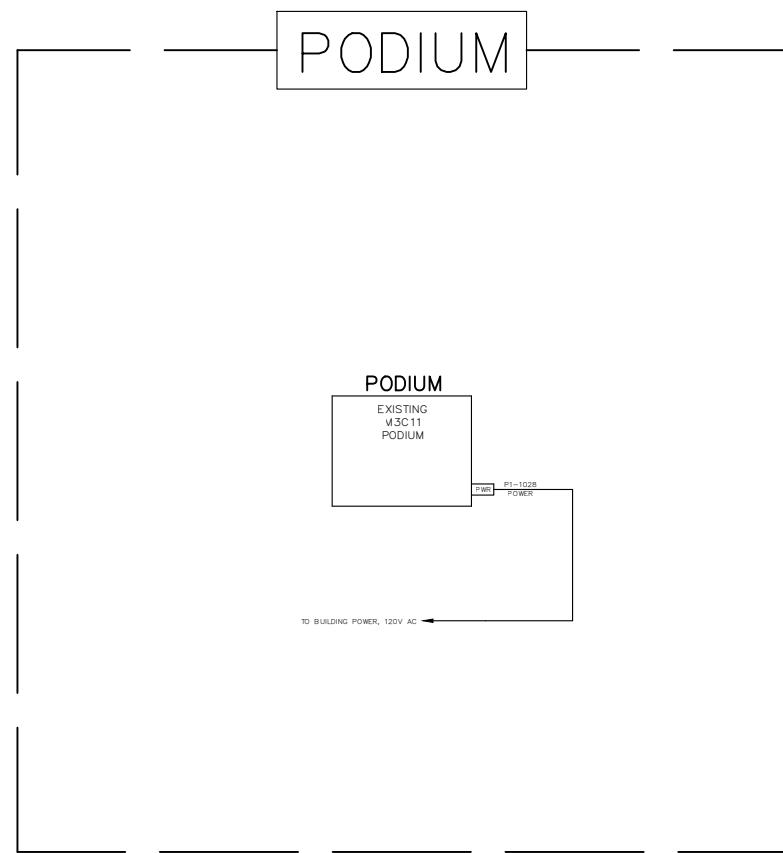
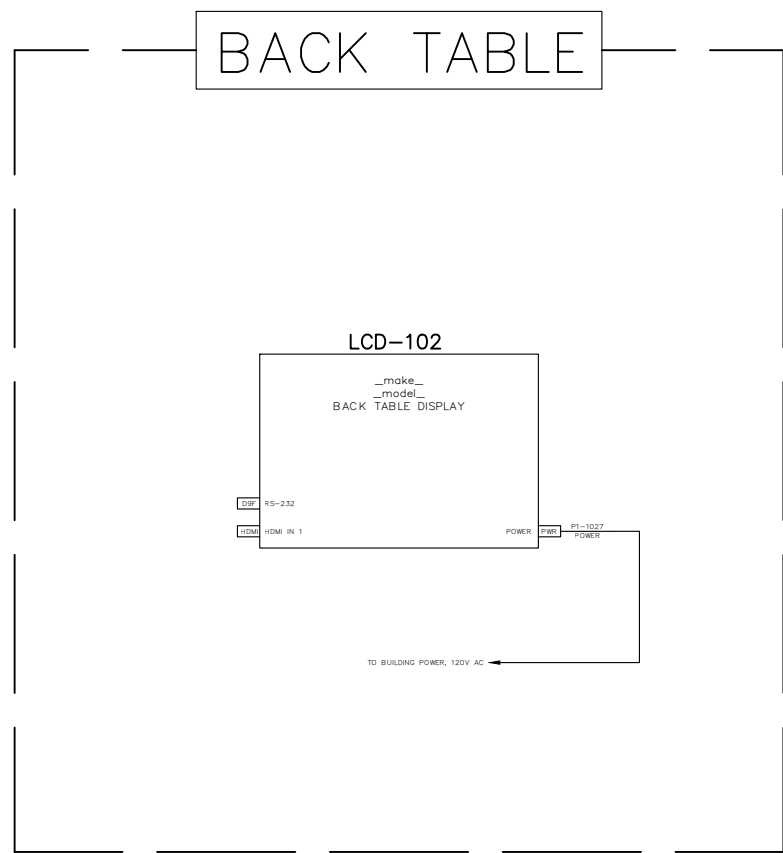
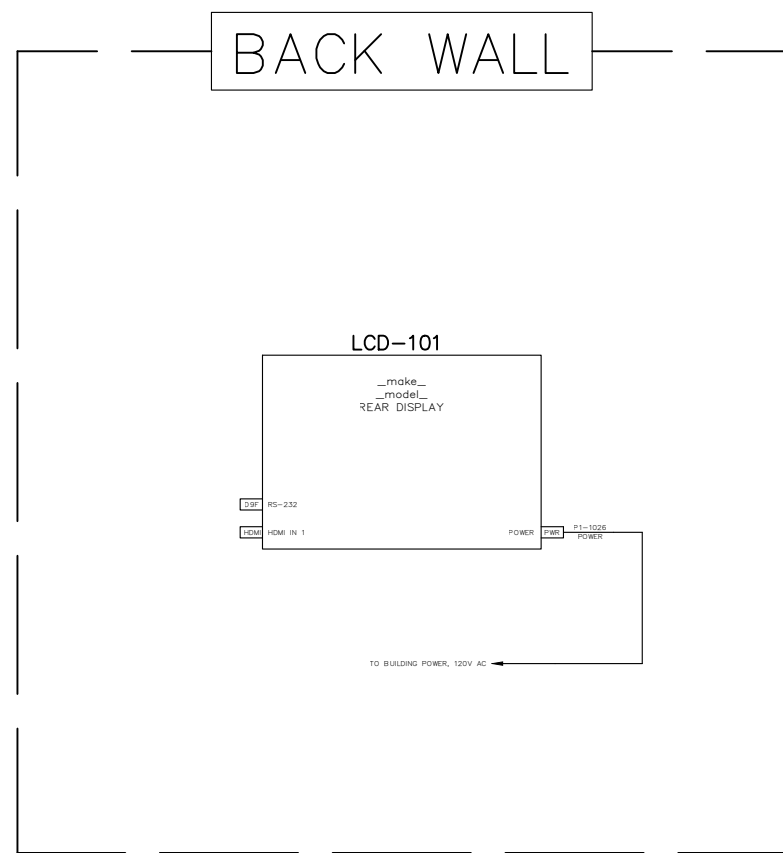
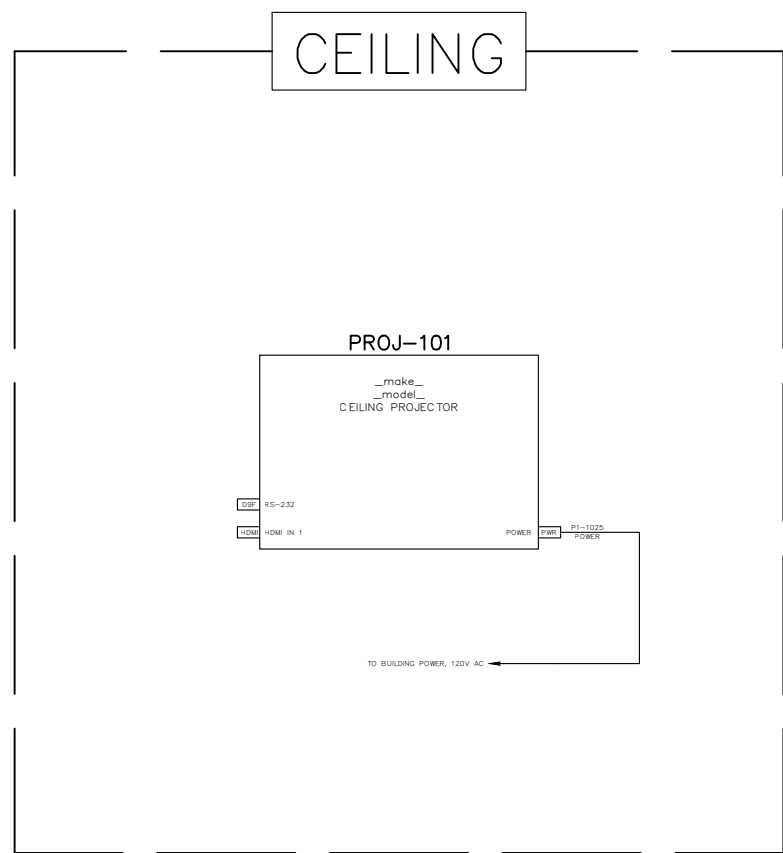
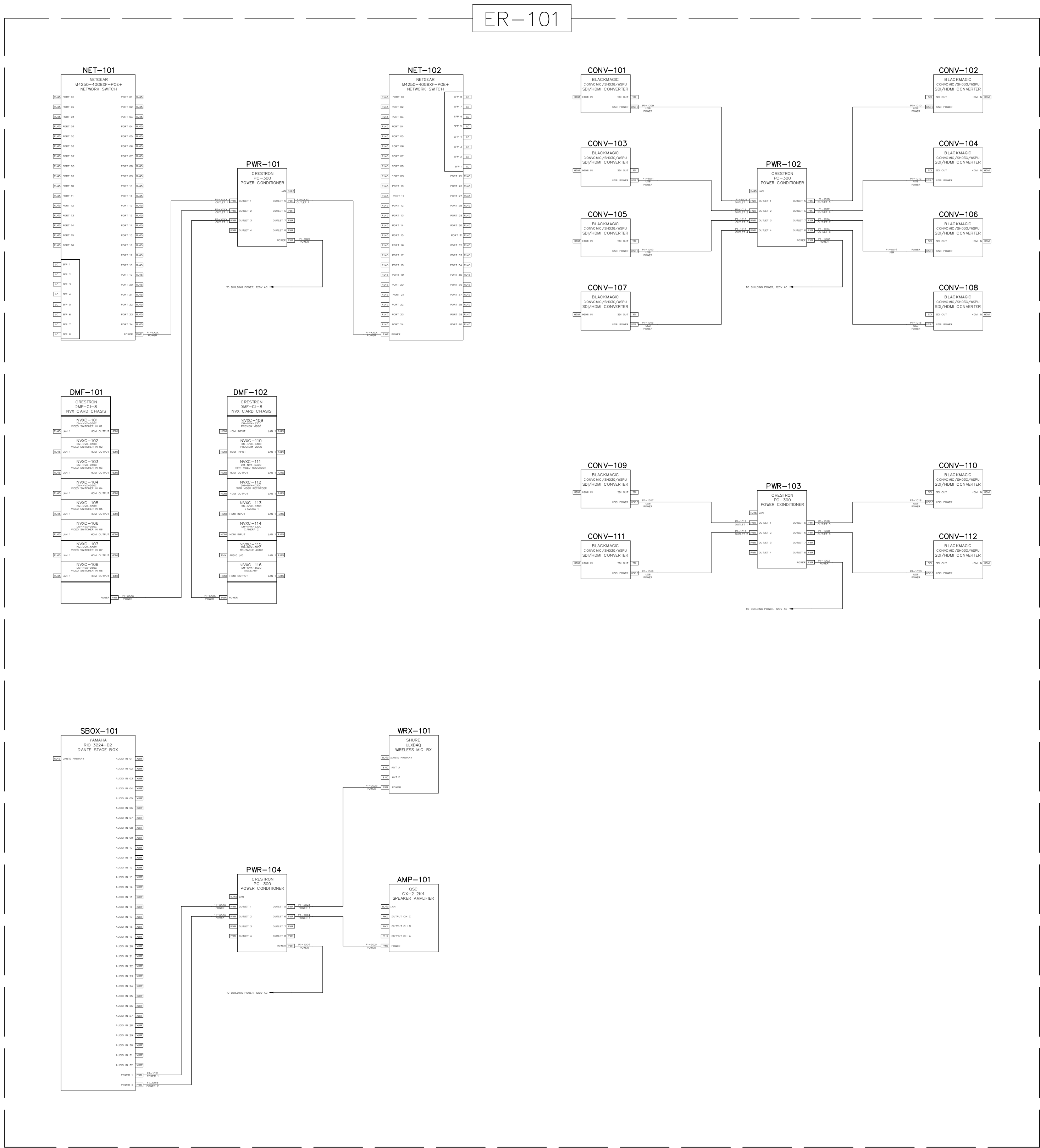
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EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – NETWORK/CONTROL

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| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

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SITE:

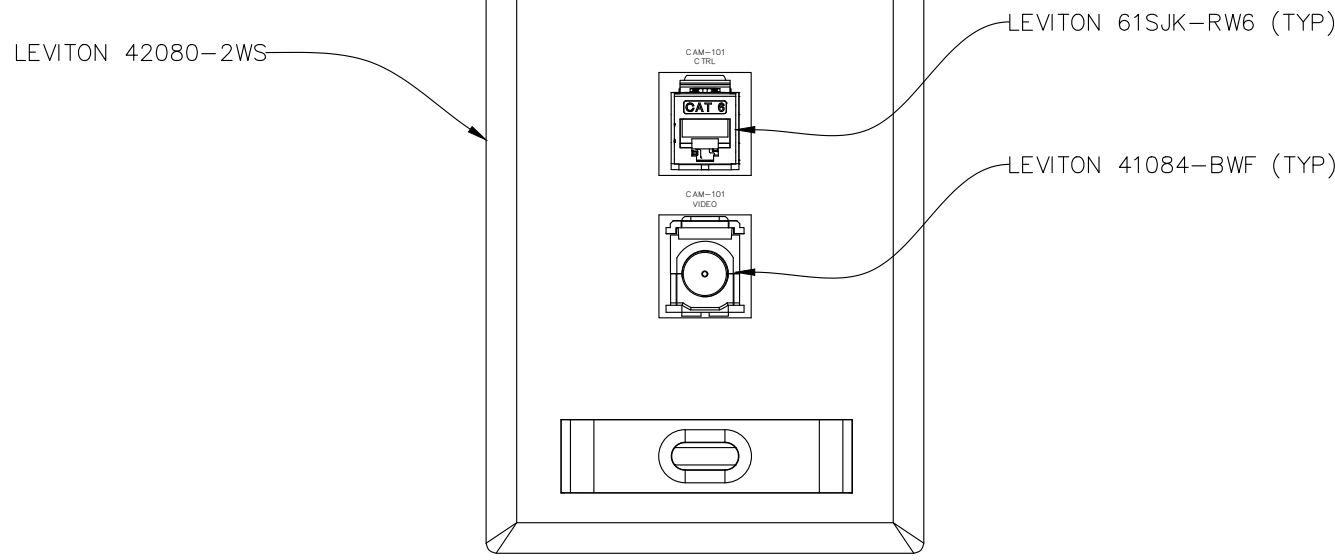
## EXAMPLE AV SYSTEM

DRAWING TITLE:

### MP01 – POWER DISTRIBUTION

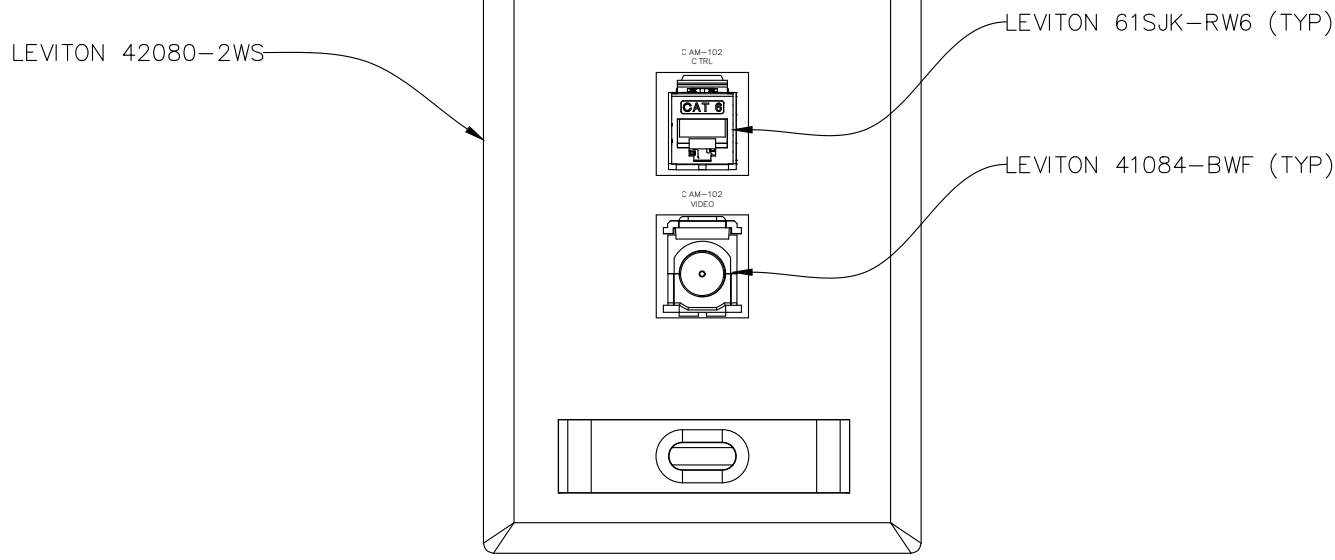
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| AV-22    |        | A         |             |

WP-101



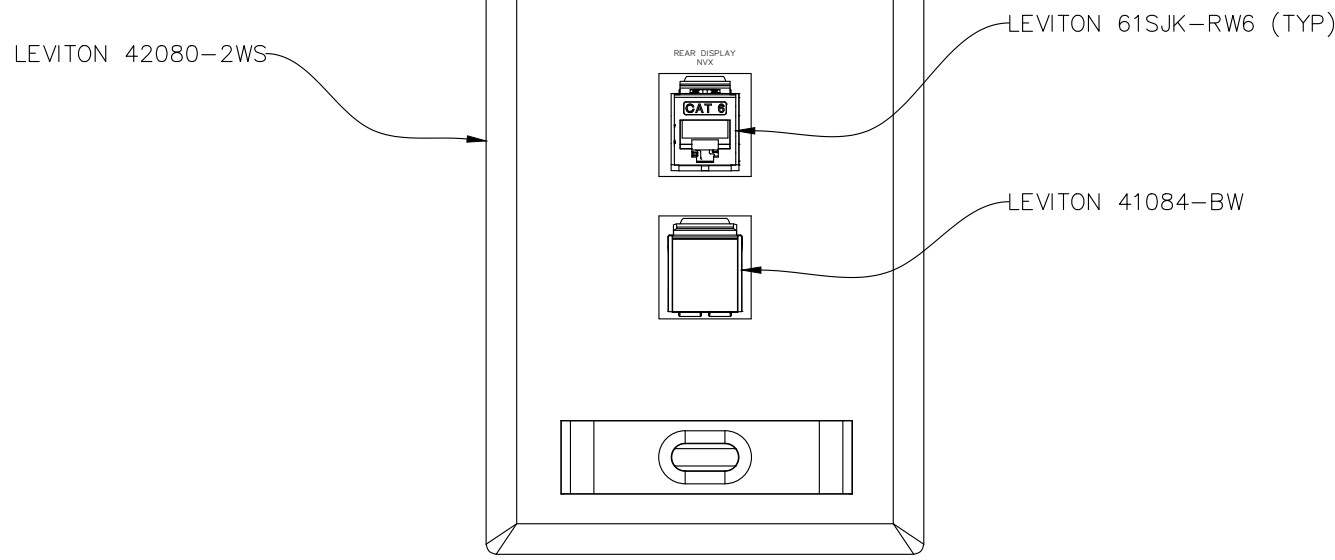
FRONT WALL – CAMERA 1  
(CAM-101)

WP-102



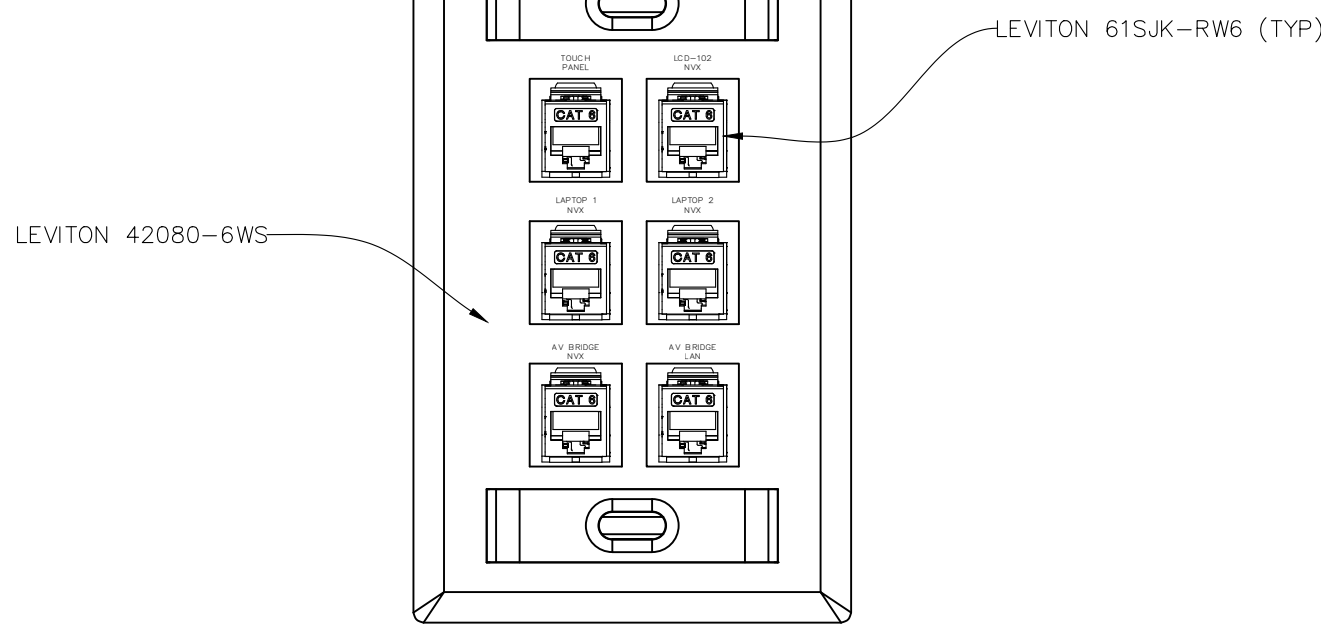
BACK WALL – CAMERA 2  
(CAM-102)

WP-103



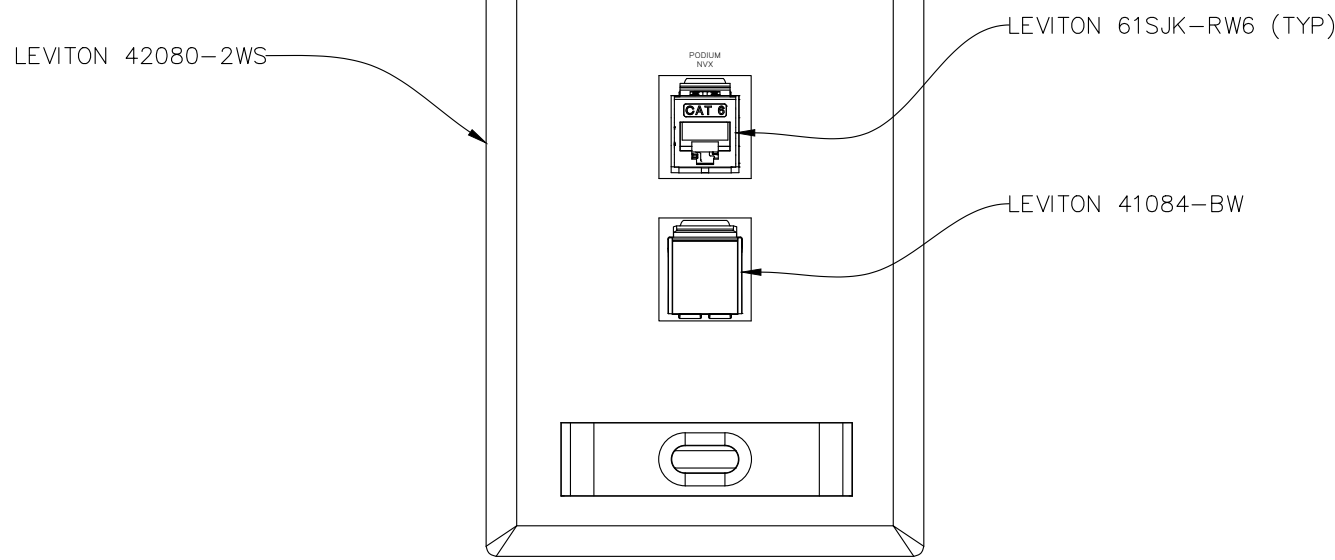
BACK WALL – REAR DISPLAY  
(LCD-101)

WP-104



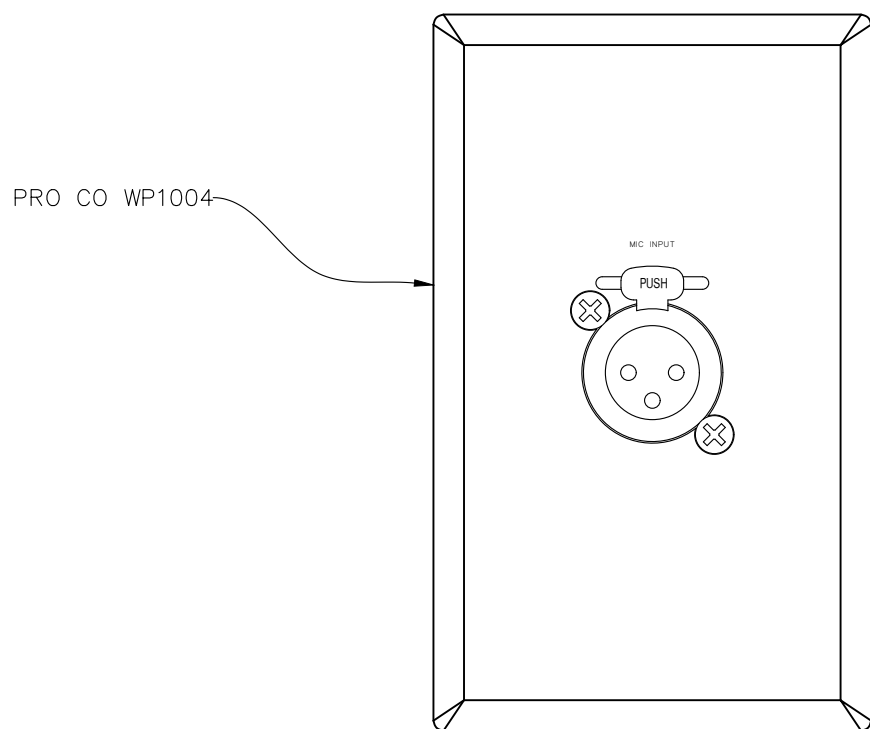
BACK TABLE

FB-101



PODIUM  
(NVXE-106)

WP-105



BACK TABLE – MIC INPUT

NOTES:

NOT FOR PRODUCTION

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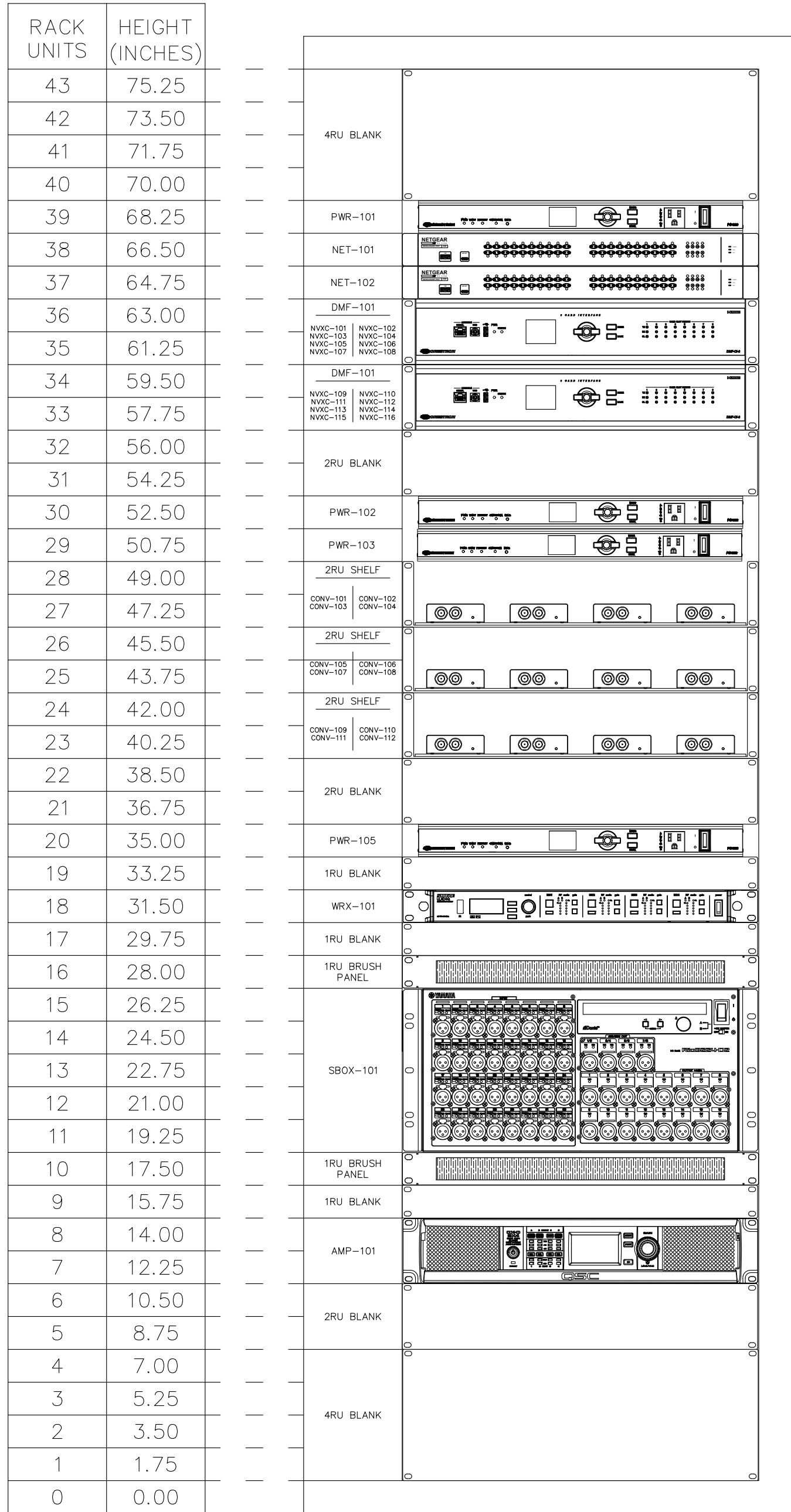
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|----------------|----------------------|-----------|-------------|
| SITE:          | EXAMPLE AV SYSTEM    |           |             |
| DRAWING TITLE: | MP01 – PLATE & PANEL |           |             |
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| ---            | AV-23                | A         |             |

# ER-101



MP01 – ER-101  
RACK ELEVATION

NOTES:

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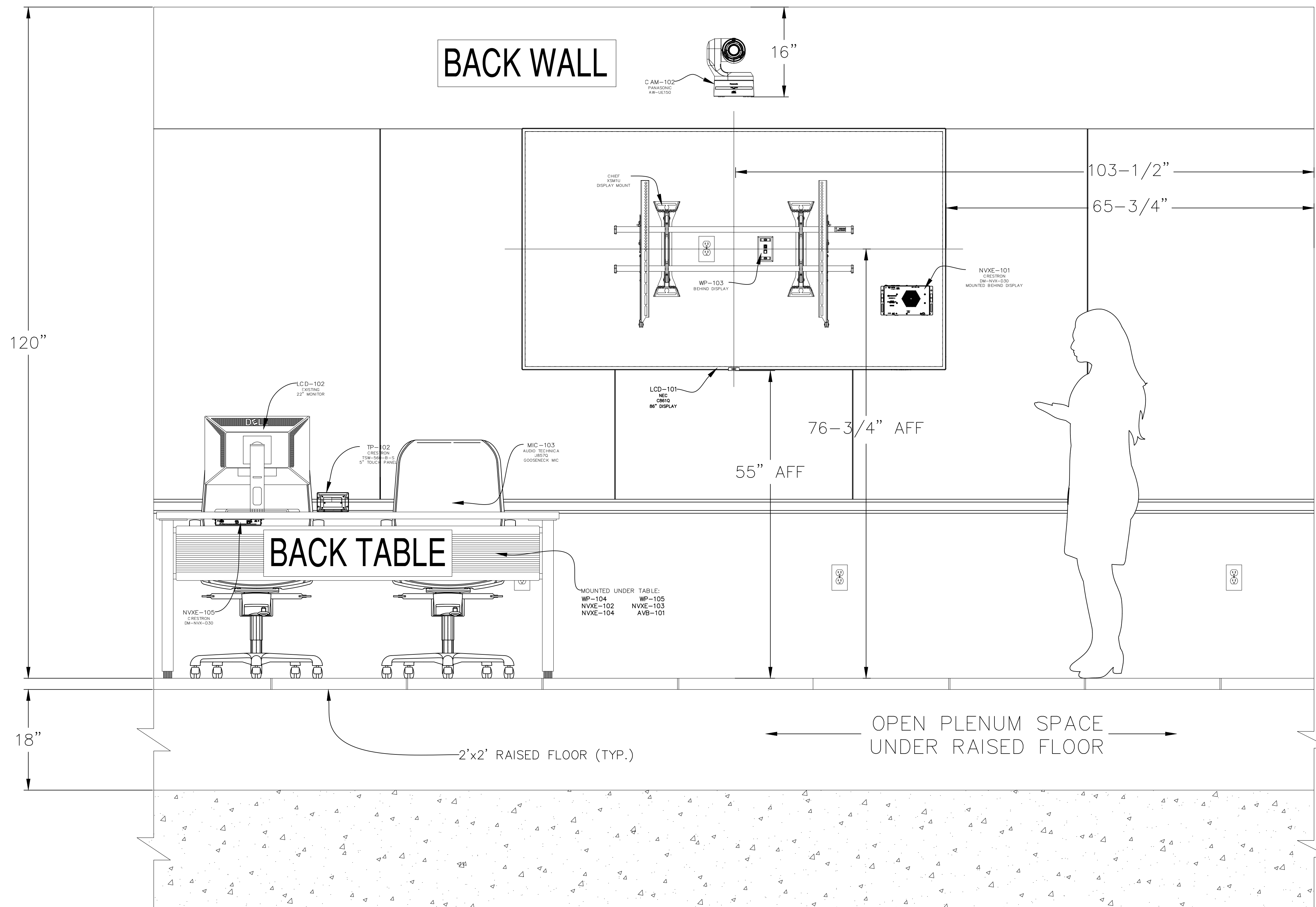
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|                            |        |           |             |
|----------------------------|--------|-----------|-------------|
| SITE:                      |        |           |             |
| EXAMPLE AV SYSTEM          |        |           |             |
| DRAWING TITLE:             |        |           |             |
| MP01 ER-101 RACK ELEVATION |        |           |             |
| SACLE:                     | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS                        | 2/1/24 | JH        | _____       |
| PROJECT:                   | SHEET: | REVISION: |             |
| _____                      | AV-24  | A         |             |



# MP01 — MULTIPURPOSE ROOM BACK WALL ELEVATION

NOTES:

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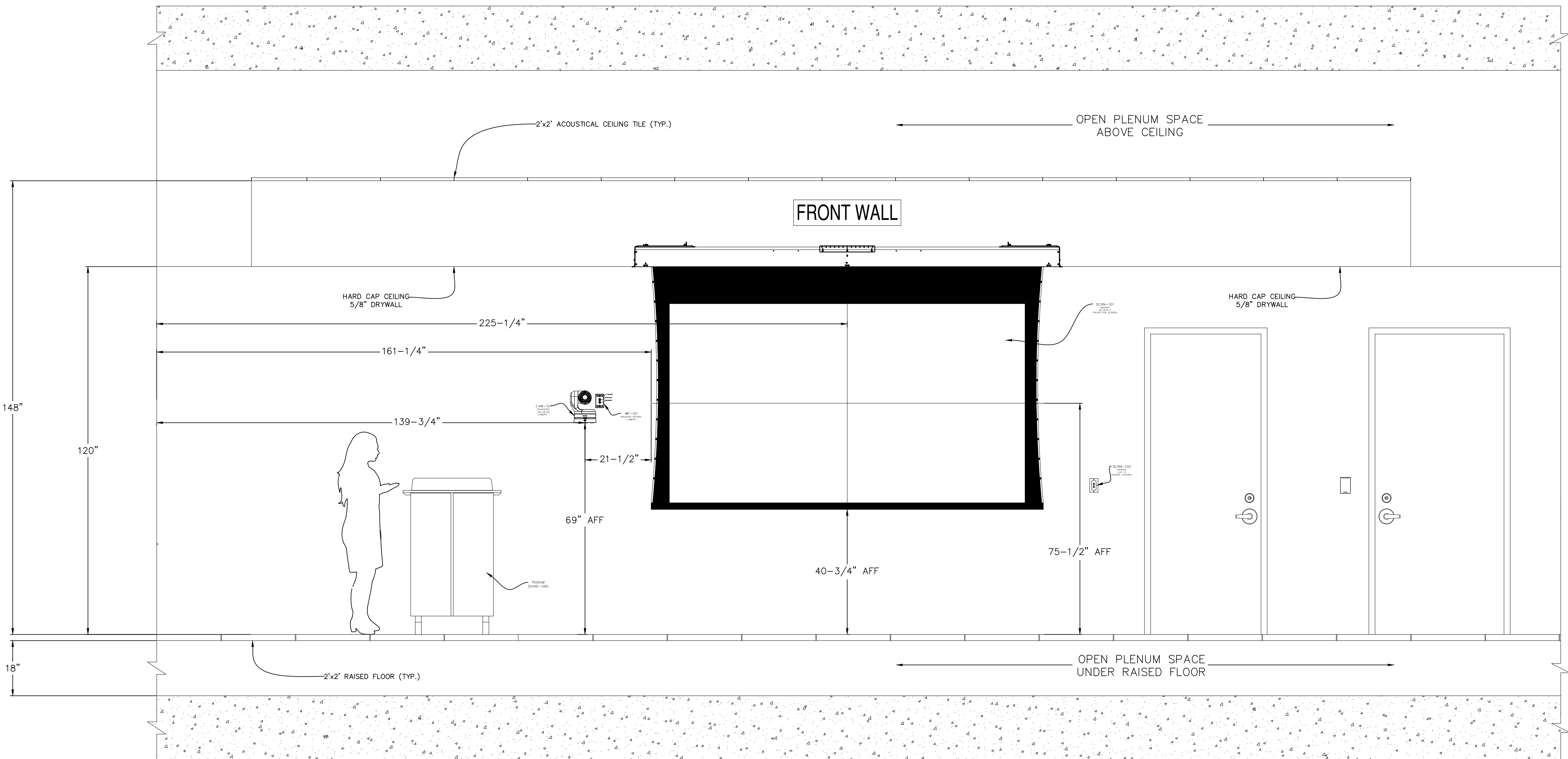
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|                                              |                 |                 |                    |
|----------------------------------------------|-----------------|-----------------|--------------------|
| SITE:<br>EXAMPLE AV SYSTEM                   |                 |                 |                    |
| DRAWING TITLE:<br>MP01 — BACK WALL ELEVATION |                 |                 |                    |
| SACLE:<br>NTS                                | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>--- |
| PROJECT:<br>---                              | SHEET:<br>AV-25 | REVISION:<br>A  |                    |



MP01 — MULTIPURPOSE ROOM  
FRONT WALL

NOTES:

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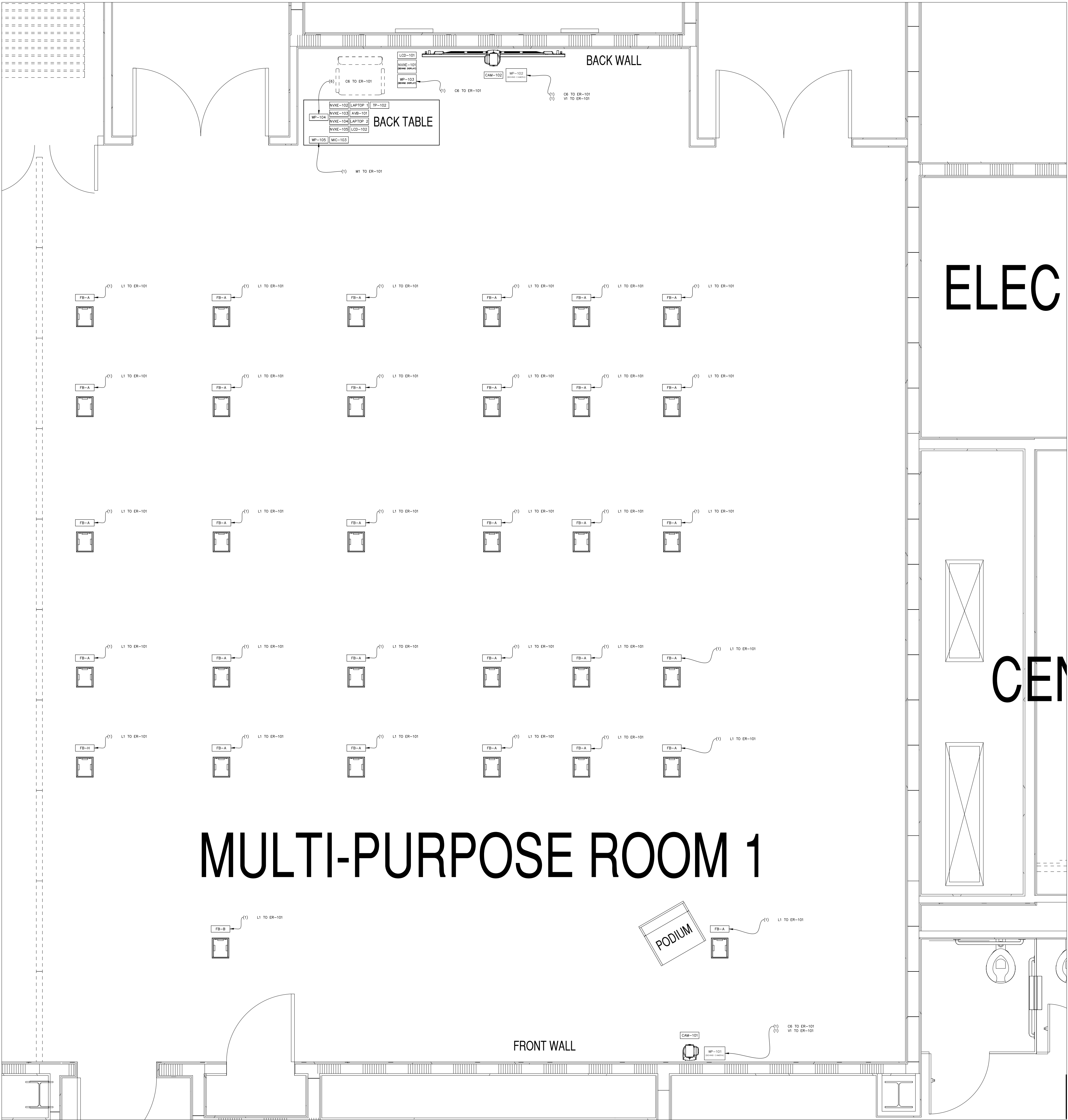
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|----------------|-----------------------------|-----------|-------------|
| SITE:          | EXAMPLE AV SYSTEM           |           |             |
| DRAWING TITLE: | MP01 — FRONT WALL ELEVATION |           |             |
| SACLE:         | DATE:                       | DRAWN BY: | CHECKED BY: |
| NTS            | 2/1/24                      | JH        | ---         |
| PROJECT:       | SHEET:                      | REVISION: |             |
| ---            | AV-26                       | A         |             |



NOTES:

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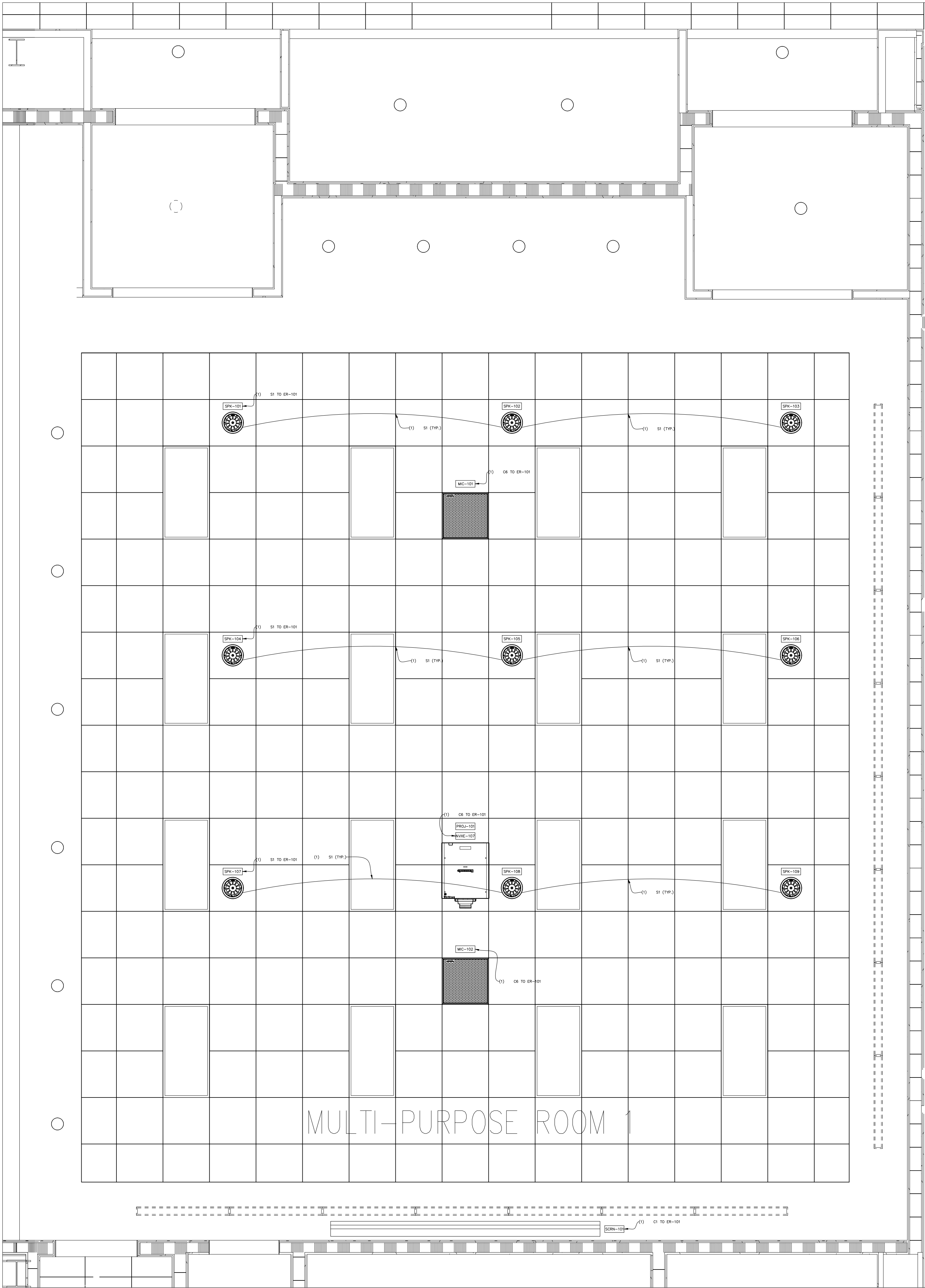
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 — FACILITY PLAN

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| ---      | AV-27  | A         |             |



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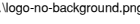
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SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – REFLECTED CEILING PLAN

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| PROJECT: | SHEET: | REVISION: |             |
| ---      | AV-28  | A         |             |

MP02 - A/V DEVICE SCHEDULE (1/2)

| ER-201 |             |            |                     |                          |          |                       |
|--------|-------------|------------|---------------------|--------------------------|----------|-----------------------|
| #      | DEVICE NAME | MAKE       | MODEL               | DESCRIPTION              | STATUS   | NOTES                 |
|        | NET-201     | NETGEAR    | M4250-40G8XF-POE+   | NETWORK SWITCH           | NEW      |                       |
|        | NET-202     | NETGEAR    | M4250-40G8XF-POE+   | NETWORK SWITCH           | NEW      |                       |
|        | DMF-201     | CRESTRON   | DMF-CI-8            | NVX CARD CHASIS          | NEW      |                       |
|        | NVXC-201    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 01     |
|        | NVXC-202    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 02     |
|        | NVXC-203    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 03     |
|        | NVXC-204    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 04     |
|        | NVXC-205    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 05     |
|        | NVXC-206    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 06     |
|        | NVXC-207    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 07     |
|        | NVXC-208    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      | VIDEO MIXER IN 08     |
|        | DMF-202     | CRESTRON   | DMF-CI-8            | NVX CARD CHASIS          | NEW      |                       |
|        | NVXC-209    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      | PREVIEW VIDEO         |
|        | NVXC-210    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      | PROGRAM VIDEO         |
|        | NVXC-211    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      | CAMERA 1              |
|        | NVXC-212    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      | CAMERA 2              |
|        | NVXC-213    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      | AUXILIARY 1           |
|        | NVXC-214    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      | AUXILIARY 2           |
|        | NVXC-215    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      | ROUTABLE AUDIO        |
|        | NVXC-216    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      | AUXILIARY 3           |
|        | CONV-201    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 01     |
|        | CONV-202    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 02     |
|        | CONV-203    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 03     |
|        | CONV-204    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 04     |
|        | CONV-205    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 05     |
|        | CONV-206    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 06     |
|        | CONV-207    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 07     |
|        | CONV-208    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | VIDEO MIXER IN 08     |
|        | CONV-209    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | PREVIEW VIDEO         |
|        | CONV-210    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | PROGRAM VIDEO         |
|        | CONV-211    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | CAMERA 1              |
|        | CONV-212    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      | CAMERA 2              |
|        | SBOX-201    | YAMAHA     | RIO 3224-D2         | DANTE STAGE BOX          | NEW      | FLOORBOX MIC INPUTS   |
|        | WRX-201     | SHURE      | ULXD4Q              | WIRELESS MIC RX          | EXISTING | WIRELESS MIC RECEIVER |
|        | AMP-201     | QSC        | CX-2 2K4            | SPEAKER AMPLIFIER        | NEW      |                       |
|        | PWR-201     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |                       |
|        | PWR-202     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |                       |
|        | PWR-203     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |                       |
|        | PWR-204     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |                       |

MP02 - OPERATOR TABLE

| #  | DEVICE NAME | MAKE       | MODEL               | DESCRIPTION             | STATUS   | NOTES |
|----|-------------|------------|---------------------|-------------------------|----------|-------|
| 40 | VMIX-201    | BLACKMAGIC | TV STUDIO 4K8       | VIDEO MIXER             | NEW      |       |
| 41 | CONV-213    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER      | NEW      |       |
| 42 | CONV-214    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER      | NEW      |       |
| 43 | LCD-203     | SAMSUNG    | P2450H              | 24" LCD MONITOR         | EXISTING |       |
| 44 | LCD-204     | SAMSUNG    | P2450H              | 24" LCD MONITOR         | EXISTING |       |
| 45 | AMIX-201    | YAMAHA     | QL1                 | AUDIO MIXER             | EXISTING |       |
| 46 | MIC-204     | SHURE      | SM58                | TALKBACK MIC            | EXISTING |       |
| 47 | SPK-210     | YAMAHA     | MS101 III           | MONITOR SPEAKER         | EXISTING |       |
| 48 | DGE-201     | CRESTRON   | DM-DGE-200-C        | DIGITAL GRAPHICS ENGINE | EXISTING |       |
| 49 | TP-201      | CRESTRON   | TSD-2020-B          | 20" TOUCH PANEL         | EXISTING |       |
| 50 | PTZC-201    | PANASONIC  | AM-RP120            | PTZ CAMERA CONTROLLER   | EXISTING |       |

MP02 - BACK TABLE

| #  | DEVICE NAME | MAKE           | MODEL        | DESCRIPTION          | STATUS   | NOTES |
|----|-------------|----------------|--------------|----------------------|----------|-------|
| 51 | WP-204      | LEVITON        | 42080-6WS    | 6 PORT WALL PLATE    | NEW      |       |
| 52 | NVXE-202    | CRESTRON       | DM-NVX-E30   | NVX ENCODER ENDPOINT | NEW      |       |
| 53 | NVXE-204    | CRESTRON       | DM-NVX-E30   | NVX ENCODER ENDPOINT | NEW      |       |
| 54 | NVXE-203    | CRESTRON       | DM-NVX-D30   | NVX DECODER ENDPOINT | NEW      |       |
| 55 | NVXE-205    | CRESTRON       | DM-NVX-D30   | NVX DECODER ENDPOINT | NEW      |       |
| 56 | AVB-201     | VADCO          | 999-9210-000 | AV BRIDGE            | EXISTING |       |
| 57 | LCD-202     | LG             | 25MB35PY     | 24" LCD MONITOR      | EXISTING |       |
| 58 | MIC-203     | AUDIO TECHNICA | U857Q        | GOOSENECK MIC        | NEW      |       |
| 59 | WP-205      | PRO CO         | WP1004       | XLR INPUT WALL PLATE | NEW      |       |
| 60 | TP-202      | CRESTRON       | TSW-560-B-S  | 5" TOUCH PANEL       | EXISTING |       |

MP02 - A/V DEVICE SCHEDULE (2/2)

| MP02 - CEILING |             |           |             |                      |          |       |
|----------------|-------------|-----------|-------------|----------------------|----------|-------|
| #              | DEVICE NAME | MAKE      | MODEL       | DESCRIPTION          | STATUS   | NOTES |
| 61             | NVXE-207    | CRESTRON  | DM-NVX-D30  | NVX DECODER ENDPOINT | NEW      |       |
| 62             | PROJ-201    | PANASONIC | PT-DZ16K2U  | CEILING PROJECTOR    | EXISTING |       |
| 63             | SPLT-201    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 64             | SPLT-202    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 65             | SPLT-203    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 66             | SPLT-204    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 67             | UHF-201     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 68             | UHF-202     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 69             | UHF-203     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 70             | UHF-204     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 71             | ANT-201     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 72             | ANT-202     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 73             | ANT-203     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 74             | ANT-204     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 75             | MIC-201     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 76             | MIC-202     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 77             | SPK-201     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 78             | SPK-202     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 79             | SPK-203     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 80             | SPK-204     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 81             | SPK-205     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 82             | SPK-206     | QSC       | AD-C6T      | 6" CEILING SPEAKJER  | NEW      |       |
| 83             | SPK-207     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 84             | SPK-208     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 85             | SPK-209     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 86             | SCRN-201    | DRAPER    | ACCESS V    | PROJECTION SCREEN    | EXISTING |       |

MP02 - BACK WALL

| #  | DEVICE NAME | MAKE      | MODEL      | DESCRIPTION          | STATUS   | NOTES |
|----|-------------|-----------|------------|----------------------|----------|-------|
| 87 | WP-202      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW      |       |
| 88 | CAM-202     | PANASONIC | AW-UE150   | PTZ CAMERA           | NEW      |       |
| 89 | WP-203      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW      |       |
| 90 | NVXE-201    | CRESTRON  | DM-NVX-D30 | NVX DECODER ENDPOINT | NEW      |       |
| 91 | LCD-201     | NEC       | CB61Q      | 86" LCD MONITOR      | EXISTING |       |

MP02 - FRONT WALL

| #  | DEVICE NAME | MAKE      | MODEL     | DESCRIPTION               | STATUS   | NOTES |
|----|-------------|-----------|-----------|---------------------------|----------|-------|
| 92 | WP-201      | LEVITON   | 42080-2WS | 2 PORT WALL PLATE         | NEW      |       |
| 93 | CAM-201     | PANASONIC | AW-UE150  | PTZ CAMERA                | NEW      |       |
| 94 | SCRN-202    | DRAPER    | LVC-S     | PROJECTION SCREEN CONTROL | EXISTING |       |

MP02 - PODIUM

| #  | DEVICE NAME | MAKE     | MODEL      | DESCRIPTION          | STATUS | NOTES               |
|----|-------------|----------|------------|----------------------|--------|---------------------|
| 95 | FB-201      | LEVITON  | 42080-2WS  | 2 PORT WALL PLATE    | NEW    | INSTALLED IN FB21-A |
| 96 | NVXE-206    | CRESTRON | DM-NVX-E30 | NVX ENCODER ENDPOINT | NEW    | INSTALLED IN PODIUM |

NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real—world facility.

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|         |                 |     |            |
|---------|-----------------|-----|------------|
|         |                 |     |            |
| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| ENGINEER:                | JOE HELD                                                   |
| ./logo-no-background.png | 1234 FAKE AVE<br>BALTIMORE, MD<br>21224<br>HELDSYSTEMS.NET |

|                  |                                         |
|------------------|-----------------------------------------|
| CLIENT:          | CLIENT NAME                             |
| ./logo-black.png | 321 FAKE WAY<br>SOME PLACE, MD<br>21224 |

|                        |  |        |  |                   |  |             |  |
|------------------------|--|--------|--|-------------------|--|-------------|--|
| SITE:                  |  |        |  | EXAMPLE AV SYSTEM |  |             |  |
| DRAWING TITLE:         |  |        |  |                   |  |             |  |
| MP02 – DEVICE SCHEDULE |  |        |  |                   |  |             |  |
| SCALE:                 |  | DATE:  |  | DRAWN BY:         |  | CHECKED BY: |  |
| NTS                    |  | 2/1/24 |  | JH                |  | _____       |  |
| PROJECT:               |  | SHEET: |  |                   |  | REVISION:   |  |
| _____                  |  | AV-29  |  |                   |  | A           |  |

## MP02 - A/V CABLE SCHEDULE (1/2)

| NETWORK CABLES |            |               |                        |                    |                  |
|----------------|------------|---------------|------------------------|--------------------|------------------|
| CABLE NAME     | CABLE TYPE | SOURCE DEVICE | SOURCE PORT            | DESTINATION DEVICE | DESTINATION PORT |
| C6-2001        | CAT 6      | NVXE-207      | LAN 1                  | NET-201            | PORT 01          |
| C6-2002        | CAT 6      | FB-201        | PODIUM NVX             | NET-201            | PORT 02          |
| C6-2003        | CAT 6      | WP-204        | LCD-201 NVX            | NET-201            | PORT 03          |
| C6-2004        | CAT 6      | WP-204        | LAPTOP 2 NVX           | NET-201            | PORT 04          |
| C6-2005        | CAT 6      | WP-204        | AV BRIDGE NVX          | NET-201            | PORT 05          |
| C6-2006        | CAT 6      | WP-204        | LAPTOP 1 NVX           | NET-201            | PORT 06          |
| C6-2007        | CAT 6      | WP-203        | REAR DISPLAY NVX       | NET-201            | PORT 07          |
| C6-2008        | CAT 6      | NVXC-201      | LAN 1                  | NET-202            | PORT 01          |
| C6-2009        | CAT 6      | NVXC-202      | LAN 1                  | NET-202            | PORT 02          |
| C6-2010        | CAT 6      | NVXC-203      | LAN 1                  | NET-202            | PORT 03          |
| C6-2011        | CAT 6      | NVXC-204      | LAN 1                  | NET-202            | PORT 04          |
| C6-2012        | CAT 6      | NVXC-205      | LAN 1                  | NET-202            | PORT 05          |
| C6-2013        | CAT 6      | NVXC-206      | LAN 1                  | NET-202            | PORT 06          |
| C6-2014        | CAT 6      | NVXC-207      | LAN 1                  | NET-202            | PORT 07          |
| C6-2015        | CAT 6      | NVXC-208      | LAN 1                  | NET-202            | PORT 08          |
| C6-2016        | CAT 6      | NVXC-209      | LAN 1                  | NET-202            | PORT 09          |
| C6-2017        | CAT 6      | NVXC-210      | LAN 1                  | NET-202            | PORT 10          |
| C6-2018        | CAT 6      | NVXC-211      | LAN 1                  | NET-202            | PORT 11          |
| C6-2019        | CAT 6      | NVXC-212      | LAN 1                  | NET-202            | PORT 12          |
| C6-2020        | CAT 6      | NVXC-213      | LAN 1                  | NET-202            | PORT 13          |
| C6-2021        | CAT 6      | NVXC-214      | LAN 1                  | NET-202            | PORT 14          |
| C6-2022        | CAT 6      | NVXC-215      | LAN 1                  | NET-202            | PORT 15          |
| C6-2023        | CAT 6      | NVXC-216      | LAN 1                  | NET-202            | PORT 16          |
| C6-2024        | CAT 6      | WP-204        | AV BRIDGE LAN          | NET-201            | PORT 08          |
| C6-2025        | CAT 6      | MIC-202       | LAN                    | NET-201            | PORT 09          |
| C6-2026        | CAT 6      | MIC-201       | LAN                    | NET-201            | PORT 10          |
| C6-2027        | CAT 6      | AMIX-101      | ETHERNET               | NET-201            | PORT 11          |
| C6-2028        | CAT 6      | SBOS-101      | PRIMARY DANTE          | NET-202            | PORT 17          |
| C6-2029        | CAT 6      | AMP-201       | LAN                    | NET-202            | PORT 18          |
| C6-2030        | CAT 6      | WRX-201       | PRIMARY DANTE          | NET-202            | PORT 19          |
| C6-2031        | CAT 6      | PWR-201       | LAN                    | NET-202            | PORT 20          |
| C6-2032        | CAT 6      | PWR-202       | LAN                    | NET-202            | PORT 21          |
| C6-2033        | CAT 6      | PWR-203       | LAN                    | NET-202            | PORT 22          |
| C6-2034        | CAT 6      | PWR-204       | LAN                    | NET-202            | PORT 23          |
| C6-2035        | CAT 6      | DGE-201       | LAN                    | NET-201            | PORT 12          |
| C6-2036        | CAT 6      | PTZC-201      | LAN                    | NET-201            | PORT 13          |
| C6-2037        | CAT 6      | WP-201        | CAM 1 CONTROL          | NET-201            | PORT 14          |
| C6-2038        | CAT 6      | WP-202        | CAM 2 CONTROL          | NET-201            | PORT 15          |
| C6-2039        | CAT 6      | WP-204        | TOUCH PANEL            | NET-201            | PORT 16          |
| C6-2040        | CAT 6      | WP-203        | REAR DISPLAY NVX       | NVXE-201           | LAN 1            |
| C6-2041        | CAT 6      | WP-204        | LAPTOP 1 NVX           | NVXE-202           | LAN 1            |
| C6-2042        | CAT 6      | WP-204        | AV BRIDGE NVX          | NVXE-203           | LAN 1            |
| C6-2043        | CAT 6      | WP-204        | LAPTOP 2 NVX           | NVXE-204           | LAN 1            |
| C6-2044        | CAT 6      | WP-204        | BACK TABLE DISPLAY NVX | NVXE-205           | LAN 1            |
| C6-2045        | CAT 6      | NVXE-206      | LAN 1                  | FB-201             | PODIUM NVX       |
| C6-2046        | CAT 6      | AVB-201       | ETHERNET               | WP-204             | AVB LAN          |
| C6-2047        | CAT 6      | WP-201        | CAMERA 1 CONTROL       | CAM-201            | LAN              |
| C6-2048        | CAT 6      | WP-202        | CAMERA 2 CONTROL       | CAM-202            | LAN              |
| C6-2049        | CAT 6      | WP-204        | TOUCH PANEL            | TP-202             | LAN              |

| MP02 - VIDEO CABLES |            |               |                |                    |                  |
|---------------------|------------|---------------|----------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE | SOURCE DEVICE | SOURCE PORT    | DESTINATION DEVICE | DESTINATION PORT |
| HD-2001             | HDMI       | NVXC-201      | HDMI OUTPUT    | CONV-201           | HDMI IN          |
| HD-2002             | HDMI       | NVXC-202      | HDMI OUTPUT    | CONV-202           | HDMI IN          |
| HD-2003             | HDMI       | NVXC-203      | HDMI OUTPUT    | CONV-203           | HDMI IN          |
| HD-2004             | HDMI       | NVXC-204      | HDMI OUTPUT    | CONV-204           | HDMI IN          |
| HD-2005             | HDMI       | NVXC-205      | HDMI OUTPUT    | CONV-205           | HDMI IN          |
| HD-2006             | HDMI       | NVXC-206      | HDMI OUTPUT    | CONV-206           | HDMI IN          |
| HD-2007             | HDMI       | NVXC-207      | HDMI OUTPUT    | CONV-207           | HDMI IN          |
| HD-2008             | HDMI       | NVXC-208      | HDMI OUTPUT    | CONV-208           | HDMI IN          |
| HD-2009             | HDMI       | NVXC-209      | HDMI INPUT     | CONV-209           | HDMI OUT         |
| HD-2010             | HDMI       | NVXC-210      | HDMI INPUT     | CONV-210           | HDMI OUT         |
| HD-2011             | HDMI       | NVXC-211      | HDMI INPUT     | CONV-211           | HDMI OUT         |
| HD-2012             | HDMI       | NVXC-212      | HDMI INPUT     | CONV-212           | HDMI OUT         |
| HD-2013             | HDMI       | CONV-213      | HDMI OUT       | LCD-203            | HDMI IN          |
| HD-2014             | HDMI       | CONV-214      | HDMI OUT       | LCD-204            | HDMI IN          |
| HD-2015             | HDMI       | NVXE-201      | HDMI OUTPUT    | LCD-201            | HDMI IN          |
| HD-2016             | HDMI       | LAPTOP 1      | HDMI OUT       | NVXE-202           | HDMI INPUT       |
| HD-2017             | HDMI       | LAPTOP 2      | HDMI OUT       | NVXE-204           | HDMI INPUT       |
| HD-2018             | HDMI       | NVXE-203      | HDMI OUTPUT    | AVB-201            | HDMI IN          |
| HD-2019             | HDMI       | NVXE-205      | HDMI OUTPUT    | LCD-202            | HDMI IN          |
| HD-2020             | HDMI       | LAPTOP        | HDMI OUT       | NVXE-206           | HDMI INPUT       |
| HD-2021             | HDMI       | NVXE-207      | HDMI OUTPUT    | PROJ-201           | HDMI IN          |
| HD-2022             | HDMI       | DGE-201       | HDMI OUT       | TP-201             | HDMI IN          |
| V1-2001             | SDI        | CONV-201      | SDI OUT        | VMIX-201           | SDI IN 1         |
| V1-2002             | SDI        | CONV-202      | SDI OUT        | VMIX-201           | SDI IN 2         |
| V1-2003             | SDI        | CONV-203      | SDI OUT        | VMIX-201           | SDI IN 3         |
| V1-2004             | SDI        | CONV-204      | SDI OUT        | VMIX-201           | SDI IN 4         |
| V1-2005             | SDI        | CONV-205      | SDI OUT        | VMIX-201           | SDI IN 5         |
| V1-2006             | SDI        | CONV-206      | SDI OUT        | VMIX-201           | SDI IN 6         |
| V1-2007             | SDI        | CONV-207      | SDI OUT        | VMIX-201           | SDI IN 7         |
| V1-2008             | SDI        | CONV-208      | SDI OUT        | VMIX-201           | SDI IN 8         |
| V1-2009             | SDI        | CONV-209      | SDI IN         | VMIX-201           | AUX SDI OUT 1    |
| V1-2010             | SDI        | CONV-210      | SDI IN         | VMIX-201           | PROGRAM OUT      |
| V1-2011             | SDI        | CONV-211      | SDI IN         | WP-201             | CAMERA 1 VIDEO   |
| V1-2012             | SDI        | CONV-212      | SDI IN         | WP-202             | CAMERA 2 VIDEO   |
| V1-2013             | SDI        | VMIX-201      | MULTI-VIEW OUT | CONV-213           | SDI IN           |
| V1-2014             | SDI        | VMIX-201      | AUX SDI OUT 2  | CONV-214           | SDI IN           |
| V1-2015             | SDI        | CAM-201       | SDI OUT        | WP-201             | CAM 1 VIDEO      |
| V1-2016             | SDI        | CAM-202       | SDI OUT        | WP-202             | CAM 2 VIDEO      |

| MP02 - CONTROL CABLES |            |               |             |                    |                  |
|-----------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME            | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| USB-2001              | USB        | DGE-201       | USBA        | TP-201             | USBB             |
| C1-2001               | 22 / 2     | CP-401        | RELAY 2     | SCRN-202           | RELAY            |
| C1-2002               | 22 / 2     | SCRN-202      | RELAY       | SCRN-201           | RELAY            |
| C1-2003               | 22 / 2     | NVXE-201      | COM         | LCD-201            | Rs232            |

## MP02 - A/V CABLE SCHEDULE (2/2)

| MP02 - AUDIO CABLES |                |               |             |                    |                  |
|---------------------|----------------|---------------|-------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE     | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| M1-2001             | MIC LVL AUDIO  | FB21-A        | MIC INPUT   | SBOX-201           | INPUT 01         |
| M1-2002             | MIC LVL AUDIO  | FB21-B        | MIC INPUT   | SBOX-201           | INPUT 02         |
| M1-2003             | MIC LVL AUDIO  | FB21-C        | MIC INPUT   | SBOX-201           | INPUT 03         |
| M1-2004             | MIC LVL AUDIO  | FB21-D        | MIC INPUT   | SBOX-201           | INPUT 04         |
| M1-2005             | MIC LVL AUDIO  | FB21-E        | MIC INPUT   | SBOX-201           | INPUT 05         |
| M1-2006             | MIC LVL AUDIO  | FB21-F        | MIC INPUT   | SBOX-201           | INPUT 06         |
| M1-2007             | MIC LVL AUDIO  | FB21-G        | MIC INPUT   | SBOX-201           | INPUT 07         |
| M1-2008             | MIC LVL AUDIO  | FB21-H        | MIC INPUT   | SBOX-201           | INPUT 08         |
| M1-2009             | MIC LVL AUDIO  | FB21-J        | MIC INPUT   | SBOX-201           | INPUT 09         |
| M1-2010             | MIC LVL AUDIO  | FB21-K        | MIC INPUT   | SBOX-201           | INPUT 10         |
| M1-2011             | MIC LVL AUDIO  | FB21-L        | MIC INPUT   | SBOX-201           | INPUT 11         |
| M1-2012             | MIC LVL AUDIO  | FB21-M        | MIC INPUT   | SBOX-201           | INPUT 12         |
| M1-2013             | MIC LVL AUDIO  | FB21-N        | MIC INPUT   | SBOX-201           | INPUT 13         |
| M1-2014             | MIC LVL AUDIO  | FB21-P        | MIC INPUT   | SBOX-201           | INPUT 14         |
| M1-2015             | MIC LVL AUDIO  | FB21-Q        | MIC INPUT   | SBOX-201           | INPUT 15         |
| M1-2016             | MIC LVL AUDIO  | FB21-R        | MIC INPUT   | SBOX-201           | INPUT 16         |
| M1-2017             | MIC LVL AUDIO  | FB21-S        | MIC INPUT   | SBOX-201           | INPUT 17         |
| M1-2018             | MIC LVL AUDIO  | FB21-T        | MIC INPUT   | SBOX-201           | INPUT 18         |
| M1-2019             | MIC LVL AUDIO  | FB21-U        | MIC INPUT   | SBOX-201           | INPUT 19         |
| M1-2020             | MIC LVL AUDIO  | FB21-V        | MIC INPUT   | SBOX-201           | INPUT 20         |
| M1-2021             | MIC LVL AUDIO  | FB21-W        | MIC INPUT   | SBOX-201           | INPUT 21         |
| M1-2022             | MIC LVL AUDIO  | FB21-X        | MIC INPUT   | SBOX-201           | INPUT 22         |
| M1-2023             | MIC LVL AUDIO  | FB21-Y        | MIC INPUT   | SBOX-201           | INPUT 23         |
| M1-2024             | MIC LVL AUDIO  | FB21-Z        | MIC INPUT   | SBOX-201           | INPUT 24         |
| M1-2025             | MIC LVL AUDIO  | FB21-AA       | MIC INPUT   | SBOX-201           | INPUT 25         |
| M1-2026             | MIC LVL AUDIO  | FB21-AB       | MIC INPUT   | SBOX-201           | INPUT 26         |
| M1-2027             | MIC LVL AUDIO  | FB21-AC       | MIC INPUT   | SBOX-201           | INPUT 27         |
| M1-2028             | MIC LVL AUDIO  | FB21-AD       | MIC INPUT   | SBOX-201           | INPUT 28         |
| M1-2029             | MIC LVL AUDIO  | FB21-AE       | MIC INPUT   | SBOX-201           | INPUT 29         |
| M1-2030             | MIC LVL AUDIO  | FB21-AF       | MIC INPUT   | SBOX-201           | INPUT 30         |
| M1-2031             | MIC LVL AUDIO  | FB21-AG       | MIC INPUT   | SBOX-201           | INPUT 31         |
| M1-2032             | MIC LVL AUDIO  | FB21-AH       | MIC INPUT   | SBOX-201           | INPUT 32         |
| M1-2033             | MIC LVL AUDIO  | WP-205        | MIC OUT     | DSP-401            | M/L IN CH 5      |
| M1-2034             | MIC LVL AUDIO  | MIC-203       | MIC OUT     | AVB-201            | LINE IN L/R      |
| L1-2001             | LINE LVL AUDIO | NVXC-215      | AUDIO I/O   | DSP-401            | M/L IN CH 6      |
| L1-2002A/B          | LINE LVL AUDIO | NVXE-203      | AUDIO I/O   | WP-205             | MIC IN           |
| S1-2001             | SPEAKER CABLE  | AMP-201       | OUTPUT CH C | SPK-201            | IN               |
| S1-2002             | SPEAKER CABLE  | AMP-201       | OUTPUT CH B | SPK-204            | IN               |
| S1-2003             | SPEAKER CABLE  | AMP-201       | OUTPUT CH A | SPK-207            | IN               |
| S1-2004             | SPEAKER CABLE  | SPK-201       | OUT         | SPK-202            | IN               |
| S1-2005             | SPEAKER CABLE  | SPK-202       | OUT         | SPK-203            | IN               |
| S1-2006             | SPEAKER CABLE  | SPK-203       | OUT         | SPK-205            | IN               |
| S1-2007             | SPEAKER CABLE  | SPK-205       | OUT         | SPK-206            | IN               |
| S1-2008             | SPEAKER CABLE  | SPK-206       | OUT         | SPK-208            | IN               |
| S1-2009             | SPEAKER CABLE  | SPK-208       | OUT         | SPK-209            | IN               |

| MP02 - ANTENNA CABLES |            |               |             |                    |                  |
|-----------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME            | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| A1-2001               | RG8        | ANT-201       | ANT         | UHF-201            | IN               |
| A1-2002               | RG8        | ANT-202       | ANT         | UHF-202            | IN               |
| A1-2003               | RG8        | ANT-203       | ANT         | UHF-203            | IN               |
| A1-2004               | RG8        | ANT-204       | ANT         | UHF-204            | IN               |
| A1-2005               | RG8        | UHF-201       | OUT         | SPLT-203           | ANT              |
| A1-2006               | RG8        | UHF-202       | OUT         | SPLT-203           | R2               |
| A1-2007               | RG8        | UHF-203       | OUT         | SPLT-204           | ANT              |
| A1-2008               | RG8        | UHF-204       | OUT         | SPLT-204           | R2               |
| A1-2009               | RG8        | SPLT-203      | R1          | SPLT-201           | ANT              |
| A1-2010               | RG8        | SPLT-204      | R1          | SPLT-202           | ANT              |
| A1-2011               | RG8        | SPLT-201      | R2          | SPLT-301           | R1               |
| A1-2012               | RG8        | SPLT-202      | R2          | SPLT-302           | R1               |

| MP02 - POWER CABLES |            |               |             |                    |                  |
|---------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| P1-2001             | PWR        | PWR-201       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2002             | PWR        | PWR-202       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2003             | PWR        | PWR-203       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2004             | PWR        | PWR-204       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2005             | PWR        | NET-201       | POWER       | PWR-201            | OUTLET 1         |
| P1-2006             | PWR        | DMF-201       | POWER       | PWR-201            | OUTLET 2         |
| P1-2007             | PWR        | DMF-202       | POWER       | PWR-201            | OUTLET 3         |
| P1-2008             | PWR        | NET-202       | POWER       | PWR-201            | OUTLET 5         |
| P1-2009             | PWR        | CONV-201      | USB POWER   | PWR-202            | OUTLET 1         |
| P1-2010             | PWR        | CONV-202      | USB POWER   | PWR-202            | OUTLET 5         |
| P1-2011             | PWR        | CONV-203      | USB POWER   | PWR-202            | OUTLET 2         |
| P1-2012             | PWR        | CONV-204      | USB POWER   | PWR-202            | OUTLET 6         |
| P1-2013             | PWR        | CONV-205      | USB POWER   | PWR-202            | OUTLET 3         |
| P1-2014             | PWR        | CONV-206      | USB POWER   | PWR-202            | OUTLET 7         |
| P1-2015             | PWR        | CONV-207      | USB POWER   | PWR-202            | OUTLET 4         |
| P1-2016             | PWR        | CONV-208      | USB POWER   | PWR-202            | OUTLET 8         |
| P1-2017             | PWR        | CONV-209      | USB POWER   | PWR-203            | OUTLET 1         |
| P1-2018             | PWR        | CONV-210      | USB POWER   | PWR-203            | OUTLET 5         |
| P1-2019             | PWR        | CONV-211      | USB POWER   | PWR-203            | OUTLET 2         |
| P1-2020             | PWR        | CONV-212      | USB POWER   | PWR-203            | OUTLET 6         |
| P1-2021             | PWR        | SBOX-201      | POWER 1     | PWR-204            | OUTLET 1         |
| P1-2022             | PWR        | SBOX-201      | POWER 2     | PWR-204            | OUTLET 2         |
| P1-2023             | PWR        | WRX-201       | POWER       | PWR-204            | OUTLET 5         |
| P1-2024             | PWR        | AMP-201       | POWER       | PWR-204            | OUTLET 6         |
| P1-2025             | PWR        | PROJ-201      | POWER       | BUILDING POWER     | AC 120V          |
| P1-2026             | PWR        | LCD-201       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2027             | PWR        | LCD-202       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2028             | PWR        | PODIUM        | POWER       | BUILDING POWER     | AC 120V          |
| P1-2029             | PWR        | AMIX-201      | POWER       | BUILDING POWER     | AC 120V          |
| P1-2030             | PWR        | DGE-201       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2031             | PWR        | PTZC-201      | POWER       | BUILDING POWER     | AC 120V          |
| P1-2032             | PWR        | TP-201        | POWER       | BUILDING POWER     | AC 120V          |
| P1-2033             | PWR        | SPK-201       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2034             | PWR        | LCD-203       | POWER       | BUILDING POWER     | AC 120V          |
| P1-2035             | PWR        | LCD-204       | POWER       | BUILDING POWER     | AC 120V          |

NOTES:

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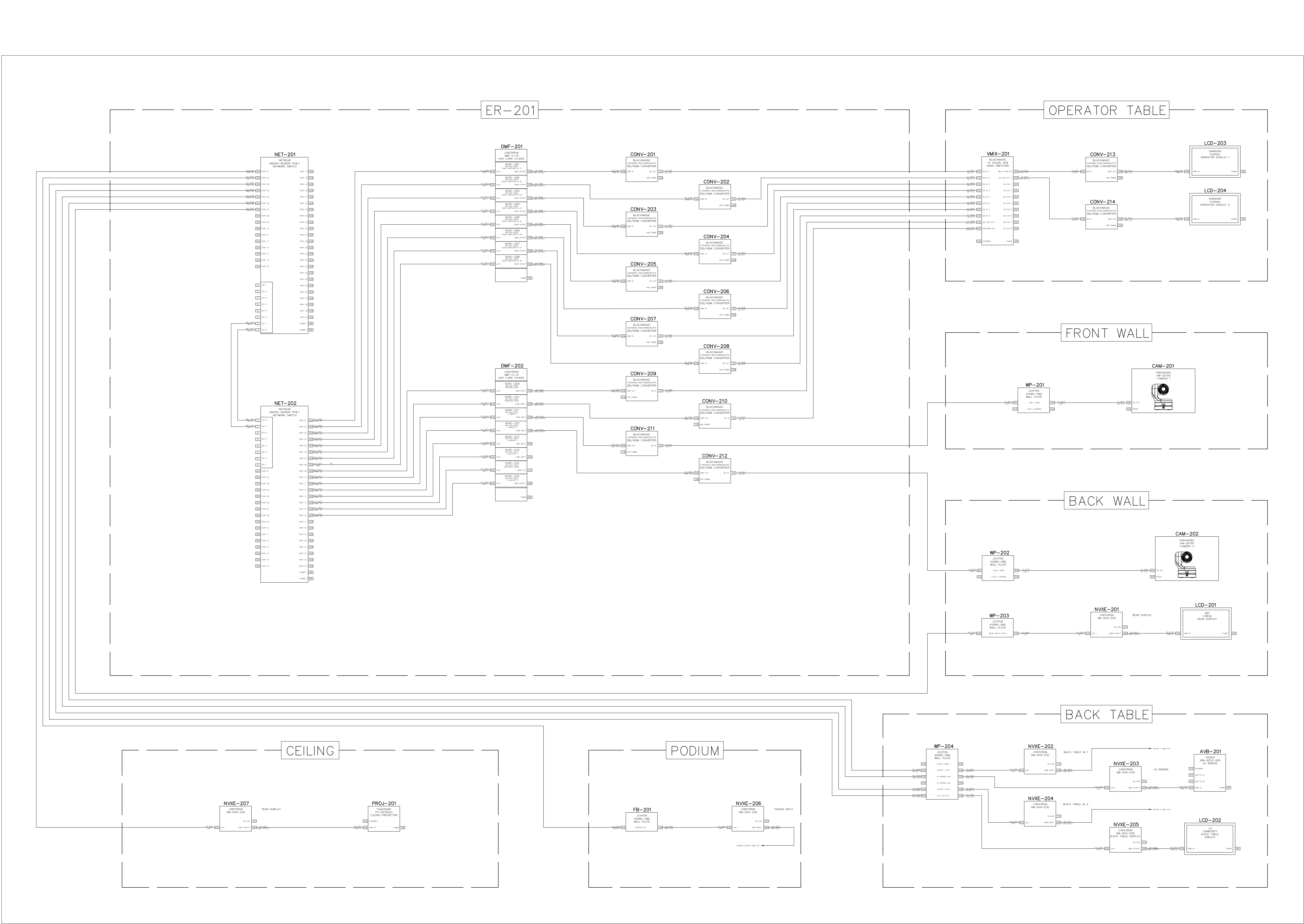
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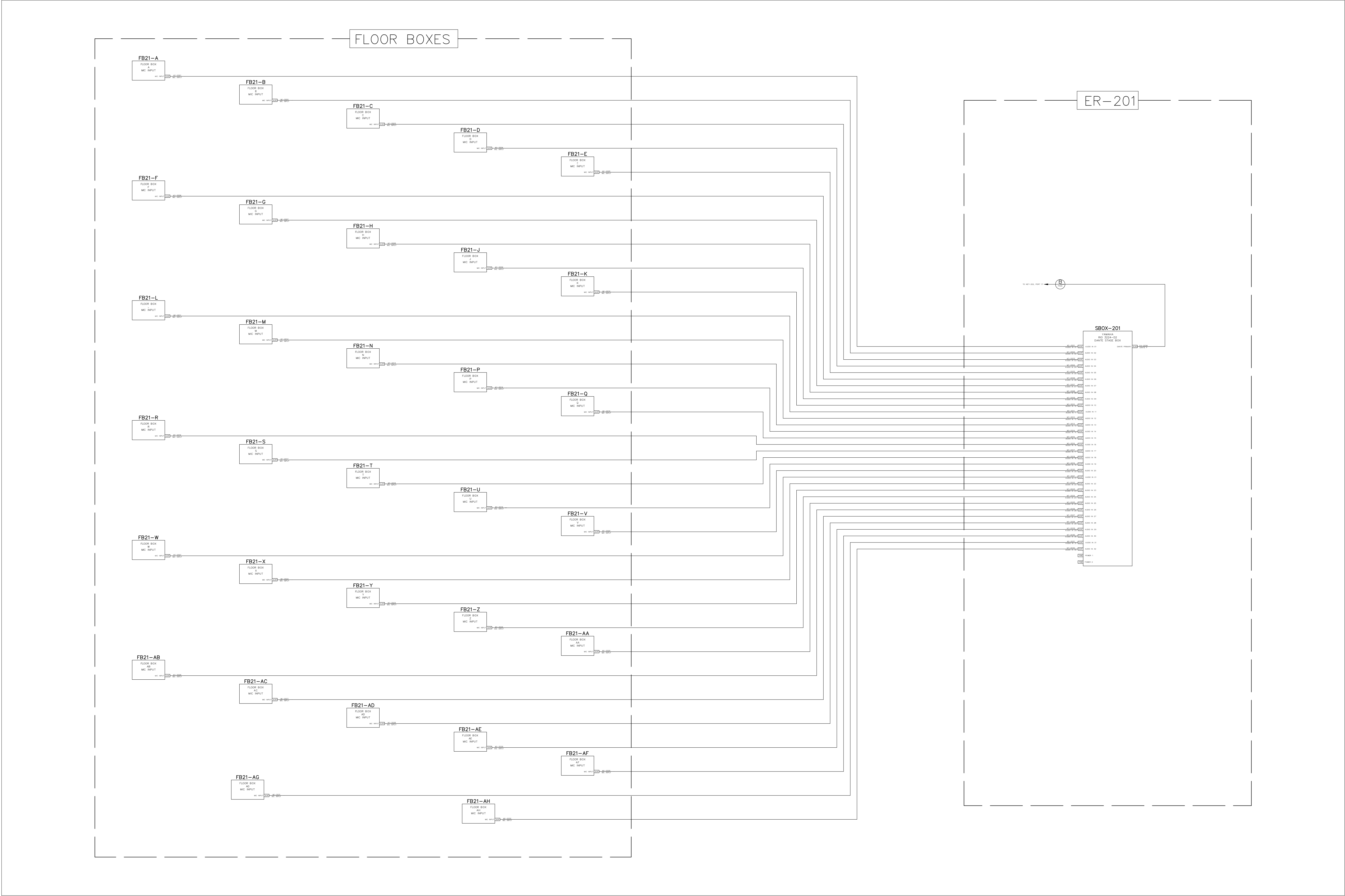
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – VIDEO DISTRIBUTION

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| ---      | AV-31  | A         |             |



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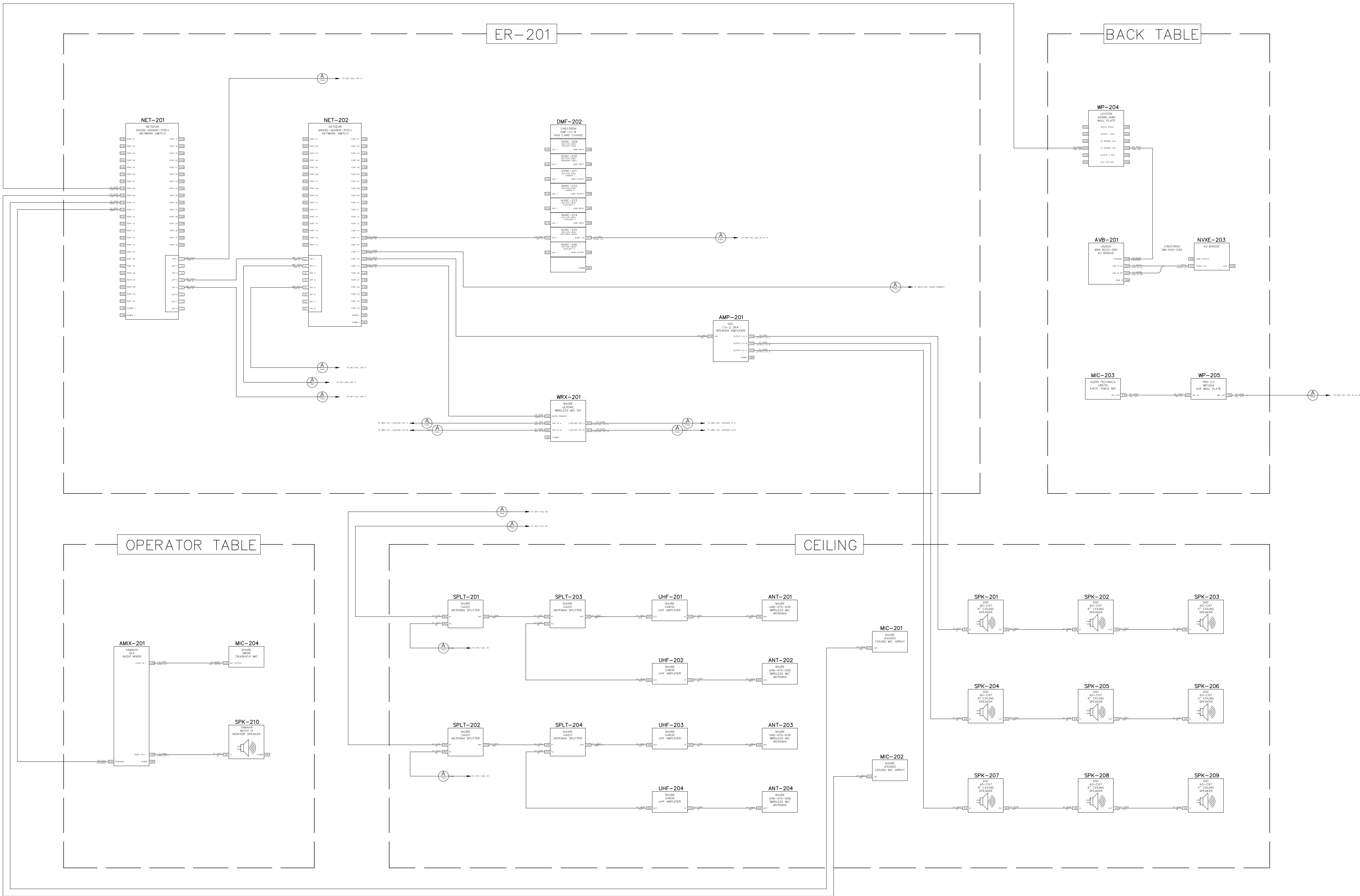
SITE:

## EXAMPLE AV SYSTEM

DRAWING TITLE:

MP02 – FLOOR BOXES

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| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | ---         |
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| ---      | AV-32  |           | A           |



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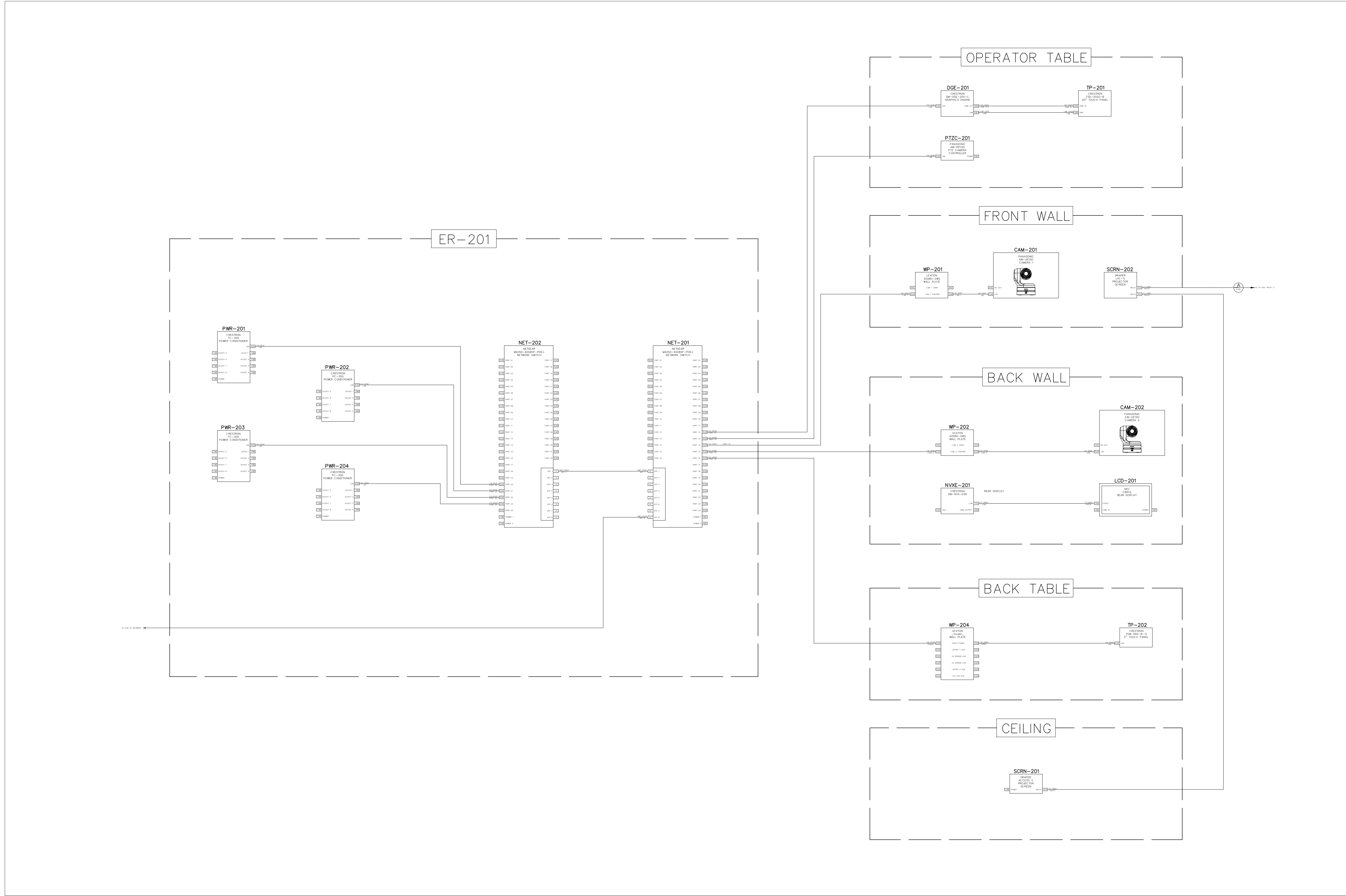
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|                                             |                 |                 |                      |
|---------------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM                  |                 |                 |                      |
| DRAWING TITLE:<br>MP02 – AUDIO DISTRIBUTION |                 |                 |                      |
| SACLE:<br>NTS                               | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>_____ |
| PROJECT:<br>_____                           | SHEET:<br>AV-33 | REVISION:<br>A  |                      |



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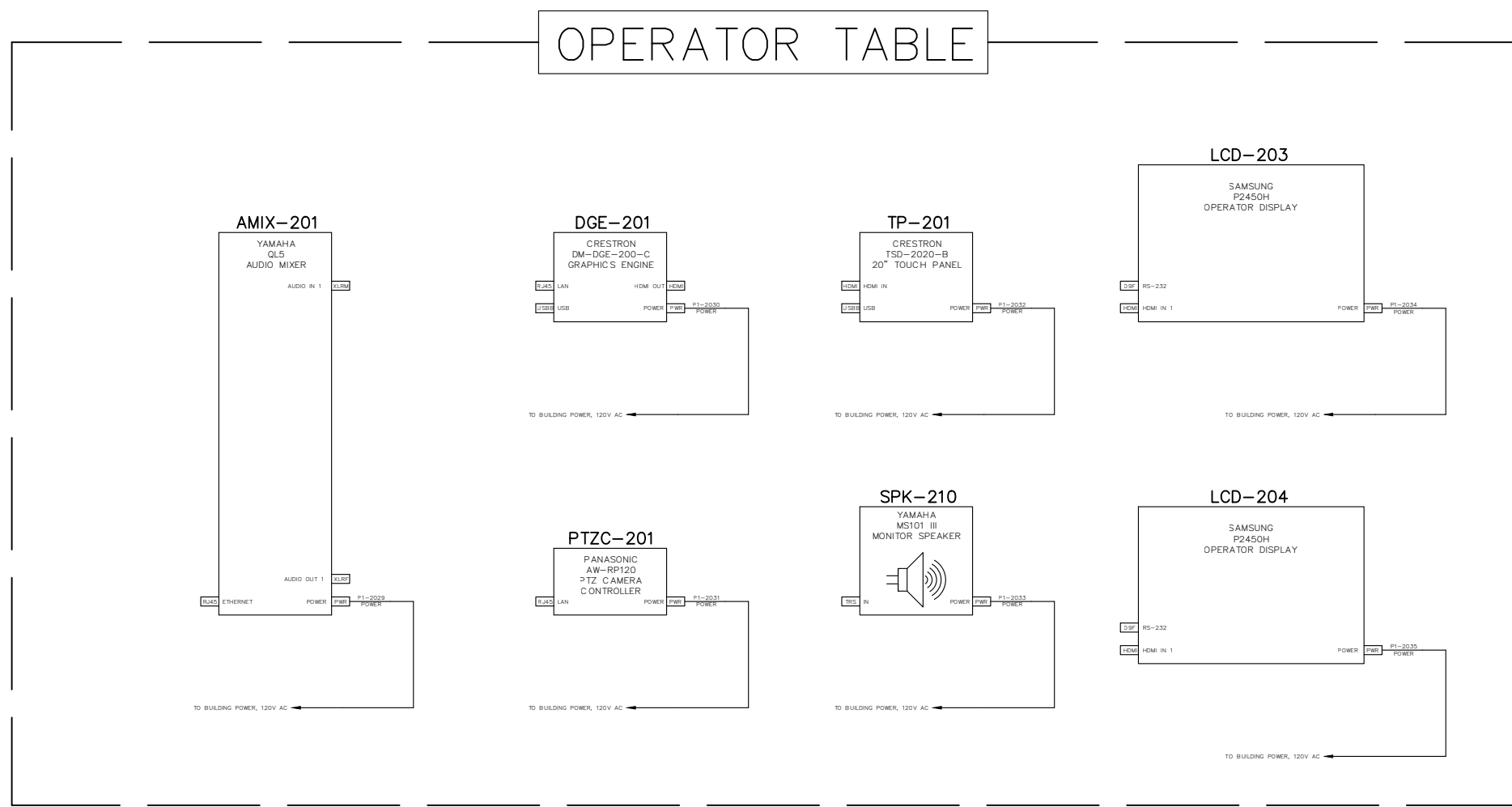
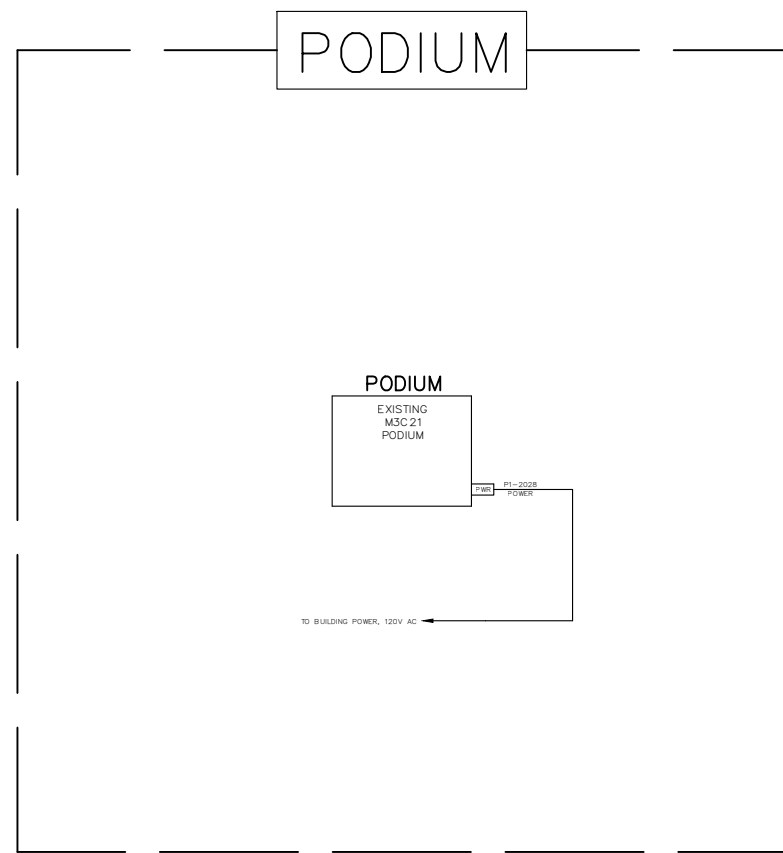
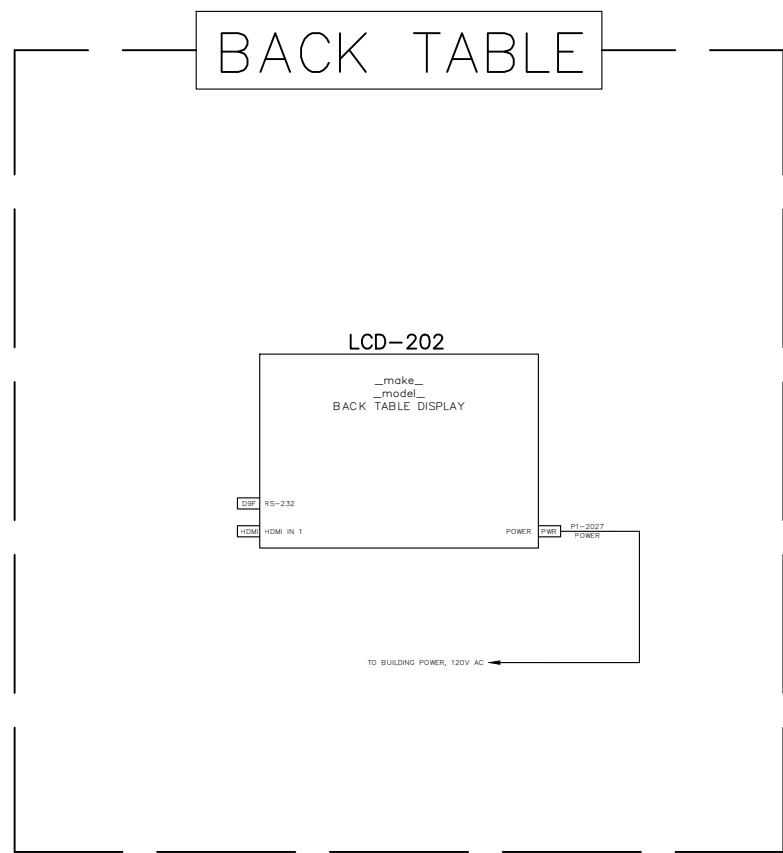
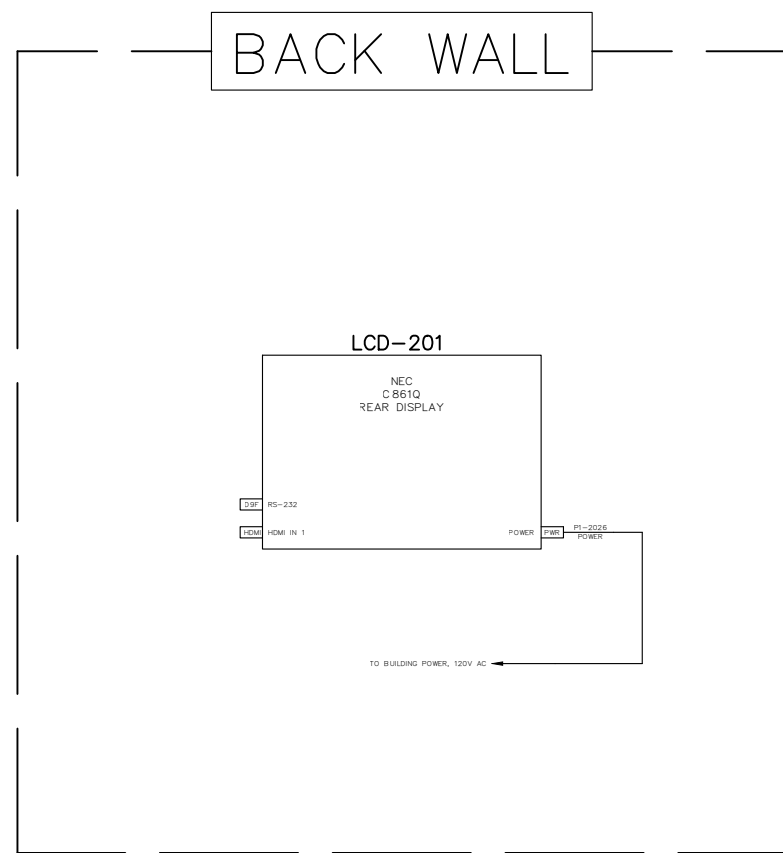
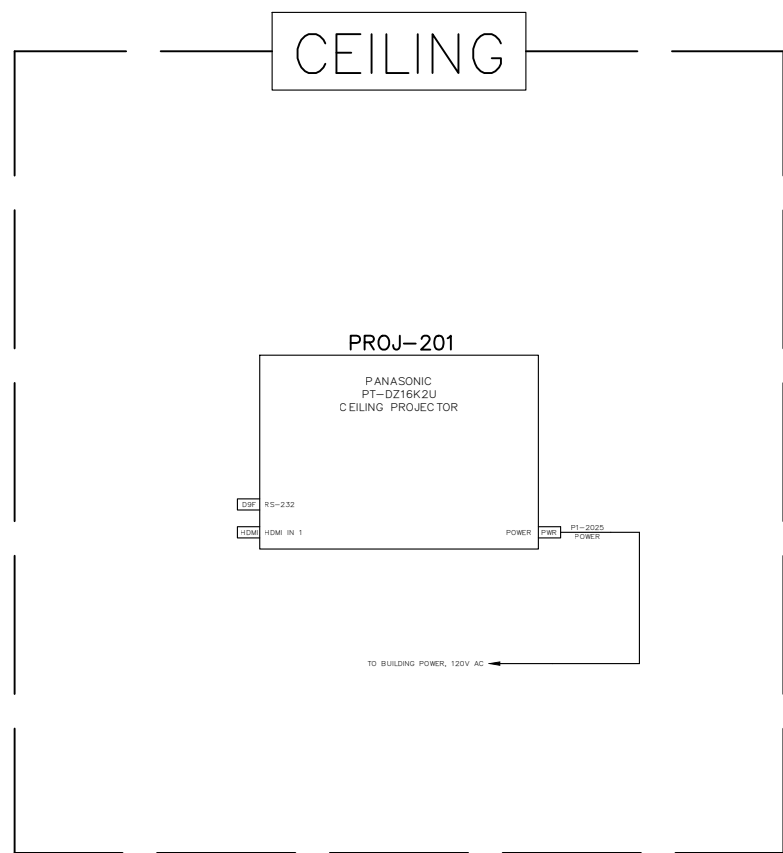
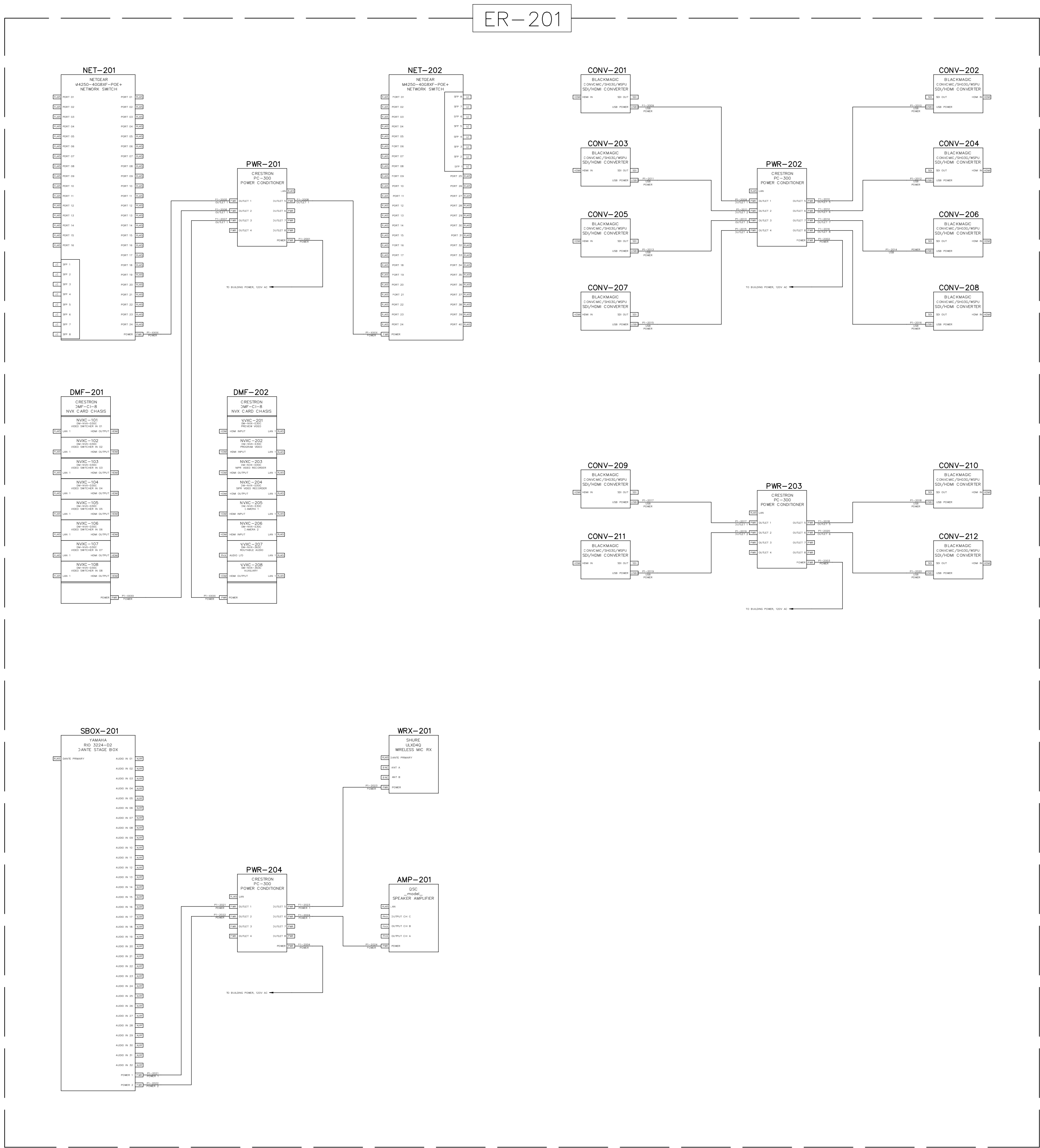
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|                                          |                 |                 |                    |
|------------------------------------------|-----------------|-----------------|--------------------|
| SITE:<br>EXAMPLE AV SYSTEM               |                 |                 |                    |
| DRAWING TITLE:<br>MP02 – NETWORK/CONTROL |                 |                 |                    |
| SACLE:<br>NTS                            | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>--- |
| PROJECT:<br>---                          | SHEET:<br>AV-34 | REVISION:<br>A  |                    |



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SITE:

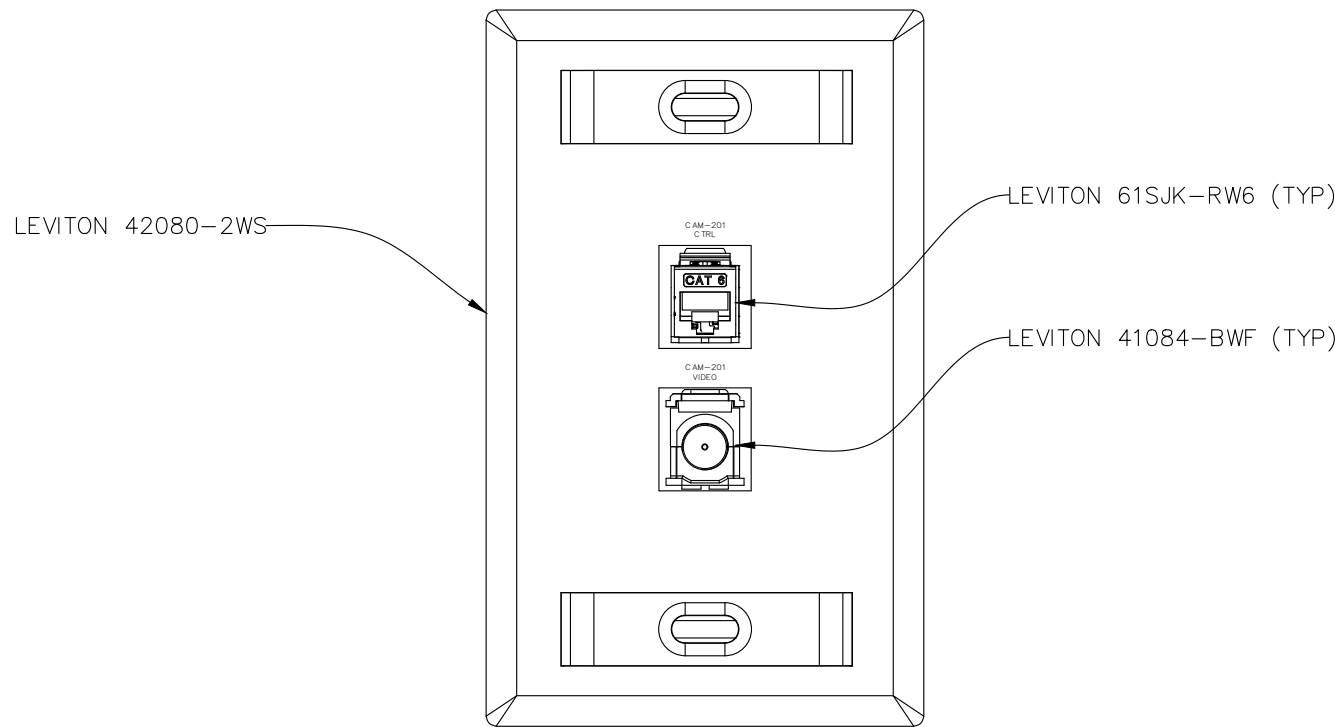
## EXAMPLE AV SYSTEM

DRAWING TITLE:

### MP02 – POWER DISTRIBUTION

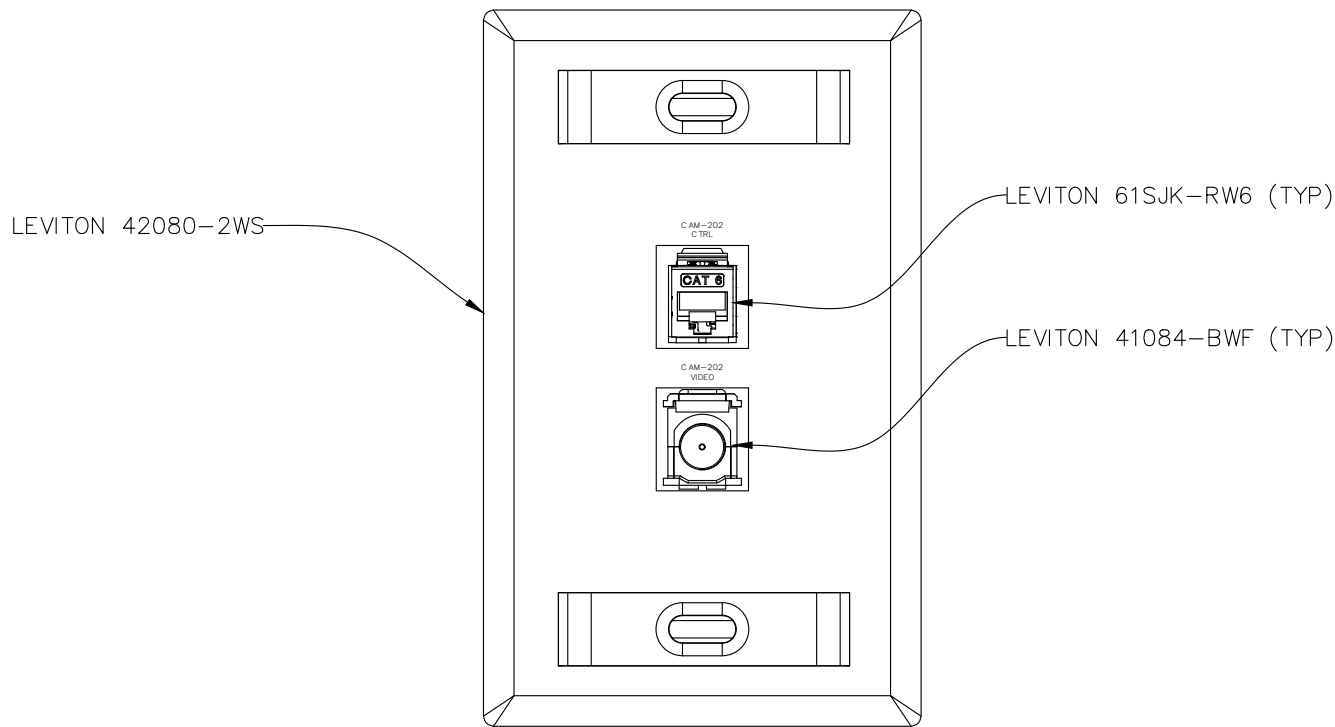
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| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | ---         |
| PROJECT: | SHEET: | REVISION: |             |
| AV-35    |        | A         |             |

WP-201



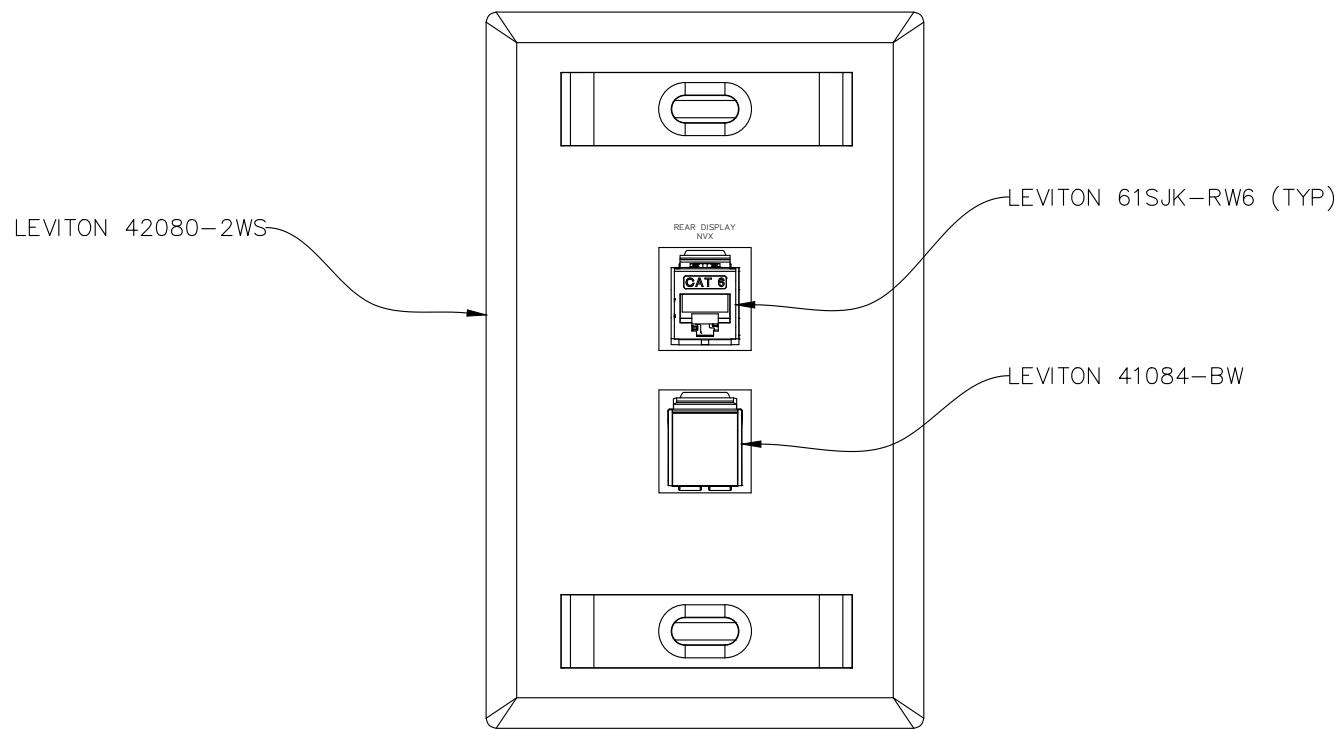
FRONT WALL – CAMERA 1  
(CAM-201)

WP-202



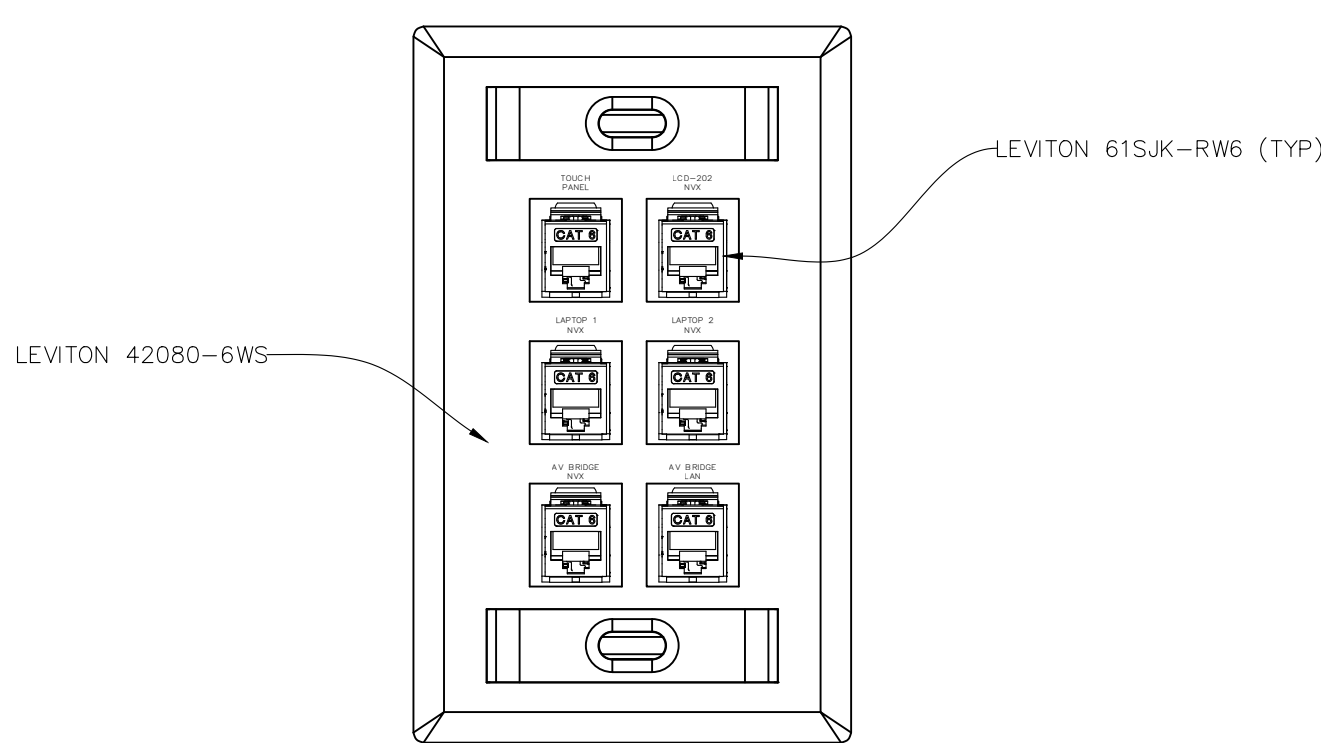
BACK WALL – CAMERA 2  
(CAM-202)

WP-203



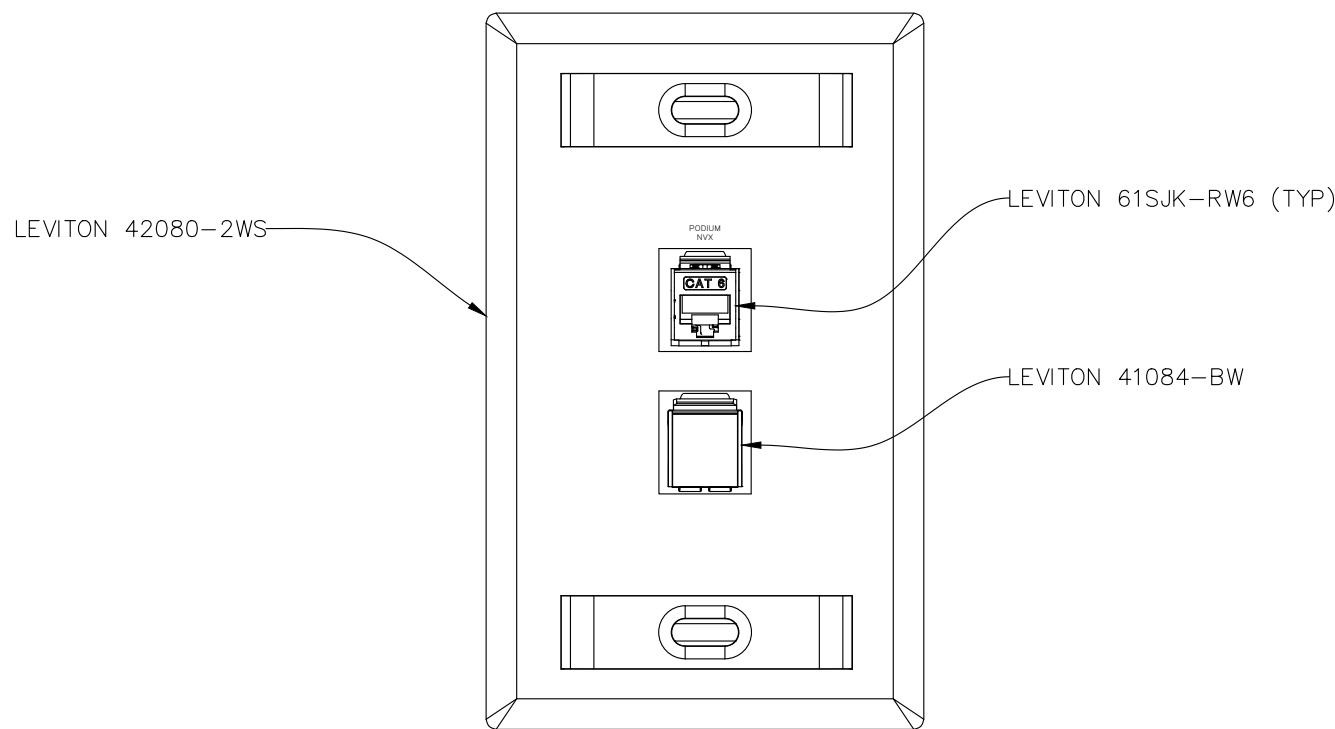
BACK WALL – REAR DISPLAY  
(LCD-201)

WP-204



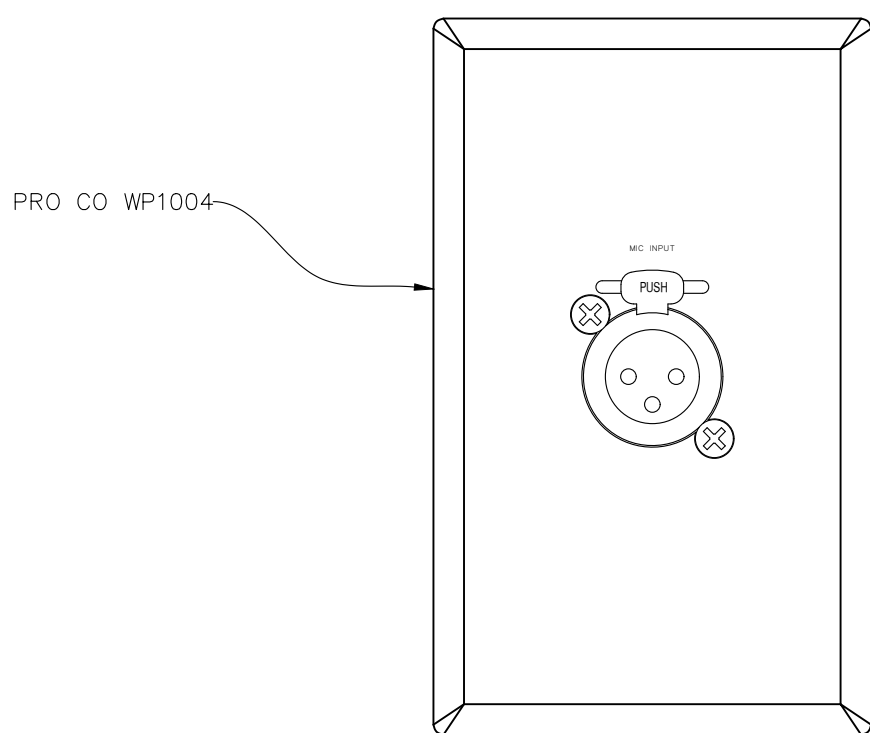
BACK TABLE

FB-201



PODIUM  
(NVXE-206)

WP-105



BACK TABLE – MIC INPUT

NOTES:

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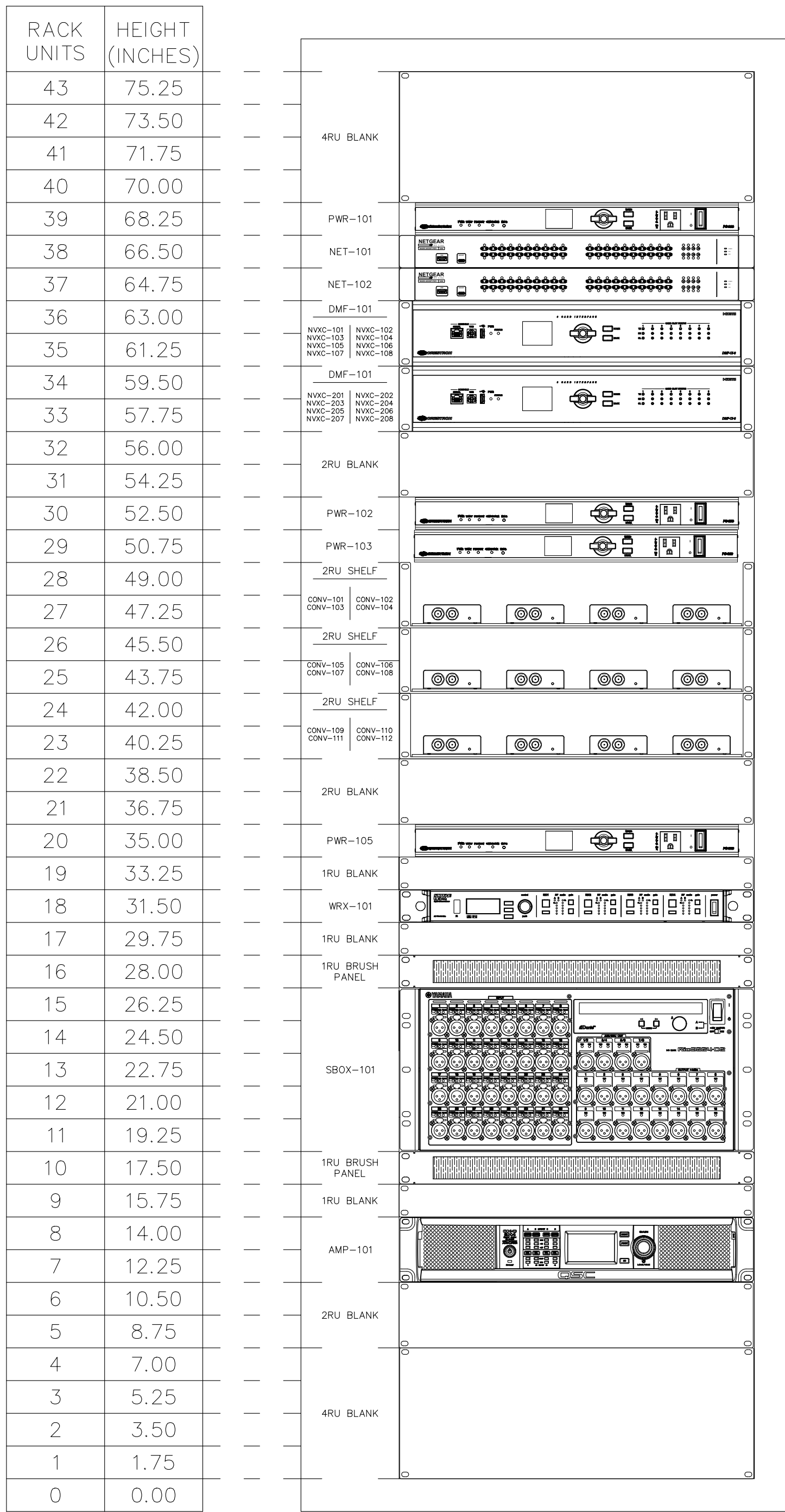
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|----------------|----------------------|-----------|-------------|
| SITE:          | EXAMPLE AV SYSTEM    |           |             |
| DRAWING TITLE: | MP02 – PLATE & PANEL |           |             |
| SACLE:         | DATE:                | DRAWN BY: | CHECKED BY: |
| NTS            | 2/1/24               | JH        | ---         |
| PROJECT:       | SHEET:               | REVISION: |             |
| ---            | AV-36                | A         |             |

ER-201



MP02 - ER-201  
RACK ELEVATION

NOTES:

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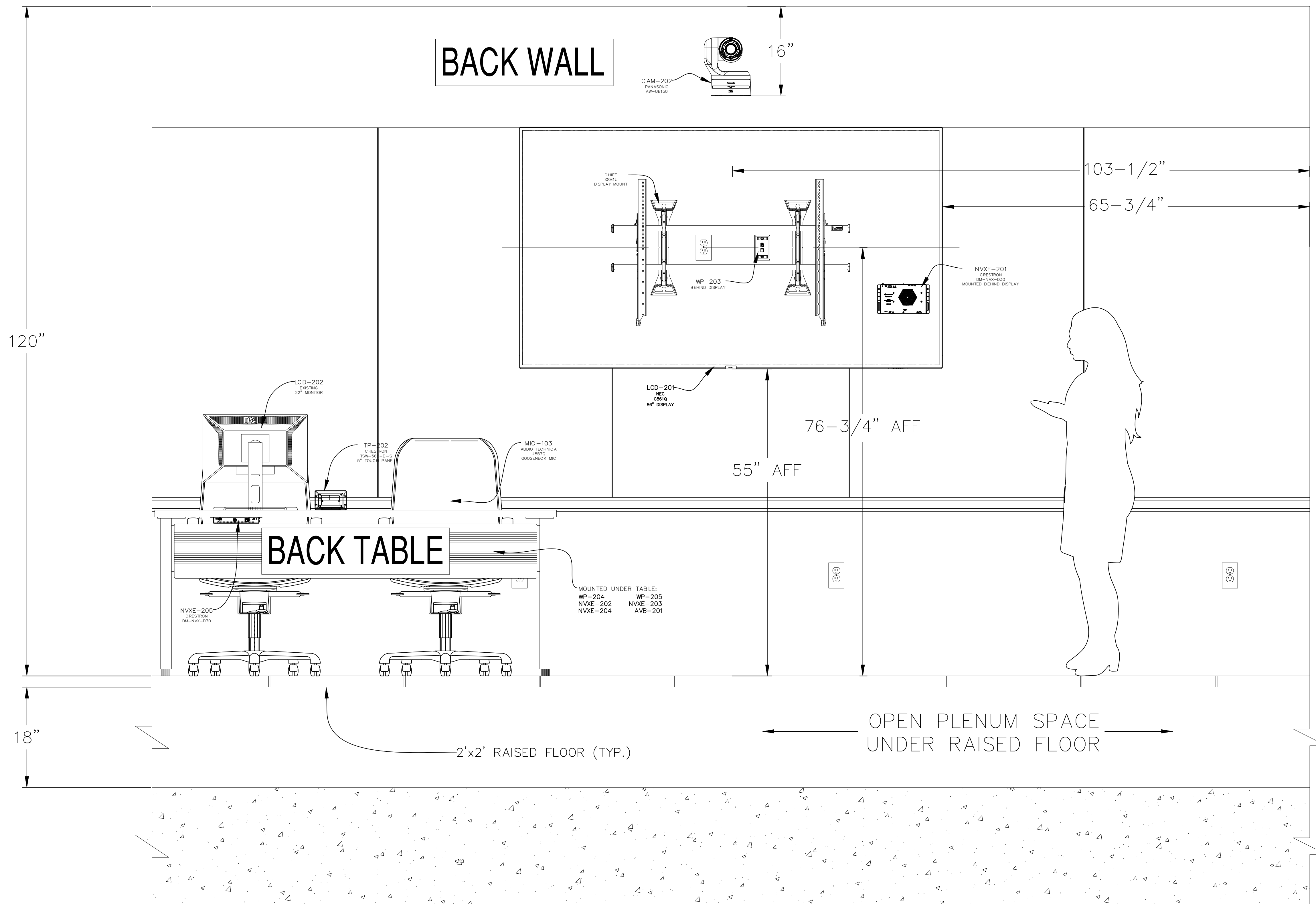
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP02 ER-201 RACK ELEVATION

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| _____    | AV-37  | A         |             |



# MP02 — MULTIPURPOSE ROOM BACK WALL

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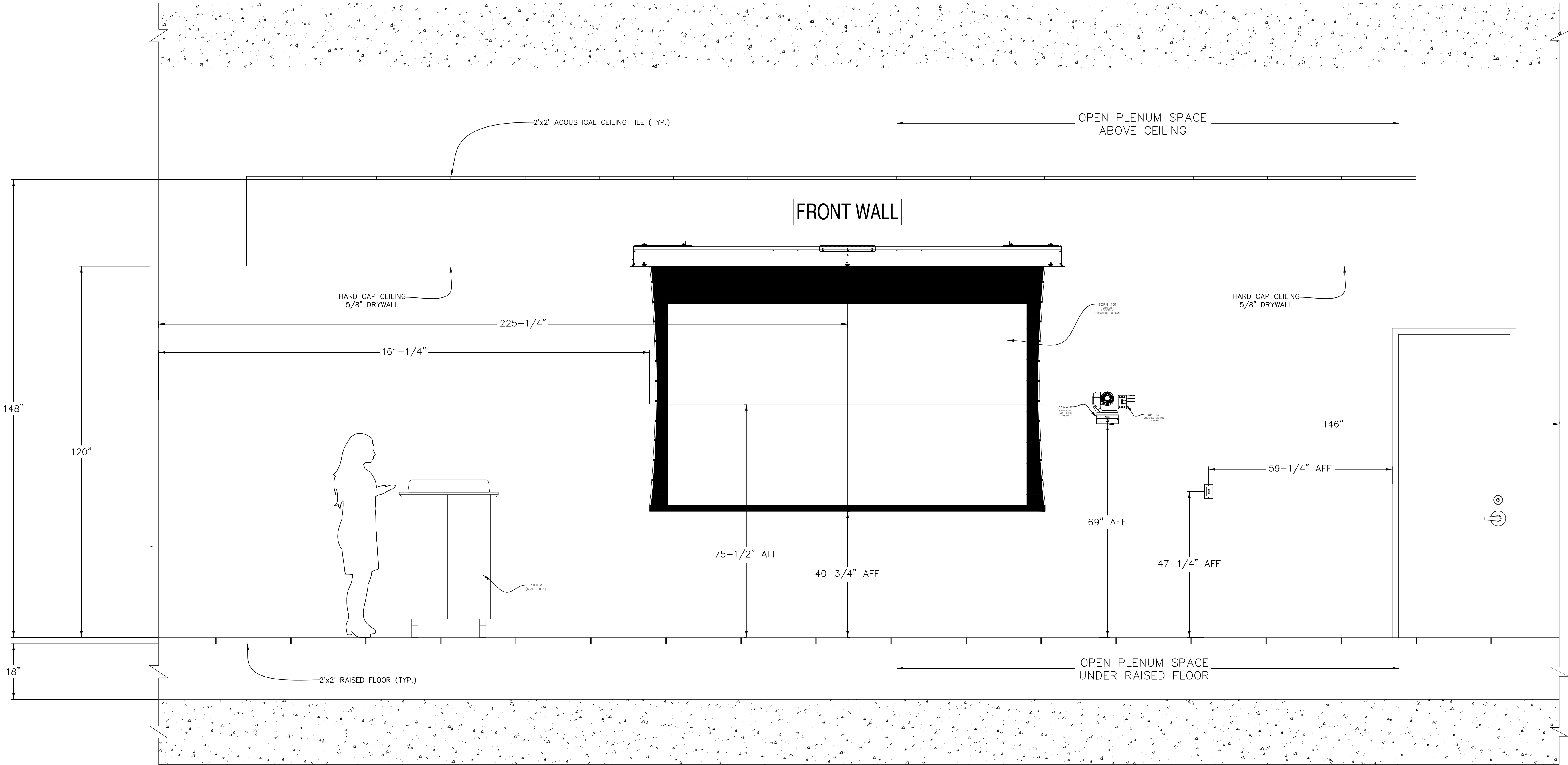
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|                |                            |           |             |
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| SITE:          | EXAMPLE AV SYSTEM          |           |             |
| DRAWING TITLE: | MP02 — BACK WALL ELEVATION |           |             |
| SACLE:         | DATE:                      | DRAWN BY: | CHECKED BY: |
| NTS            | 2/1/24                     | JH        | ---         |
| PROJECT:       | SHEET:                     | REVISION: |             |
| ---            | AV-38                      | A         |             |



MP02 — MULTIPURPOSE ROOM  
FRONT WALL

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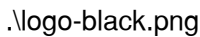
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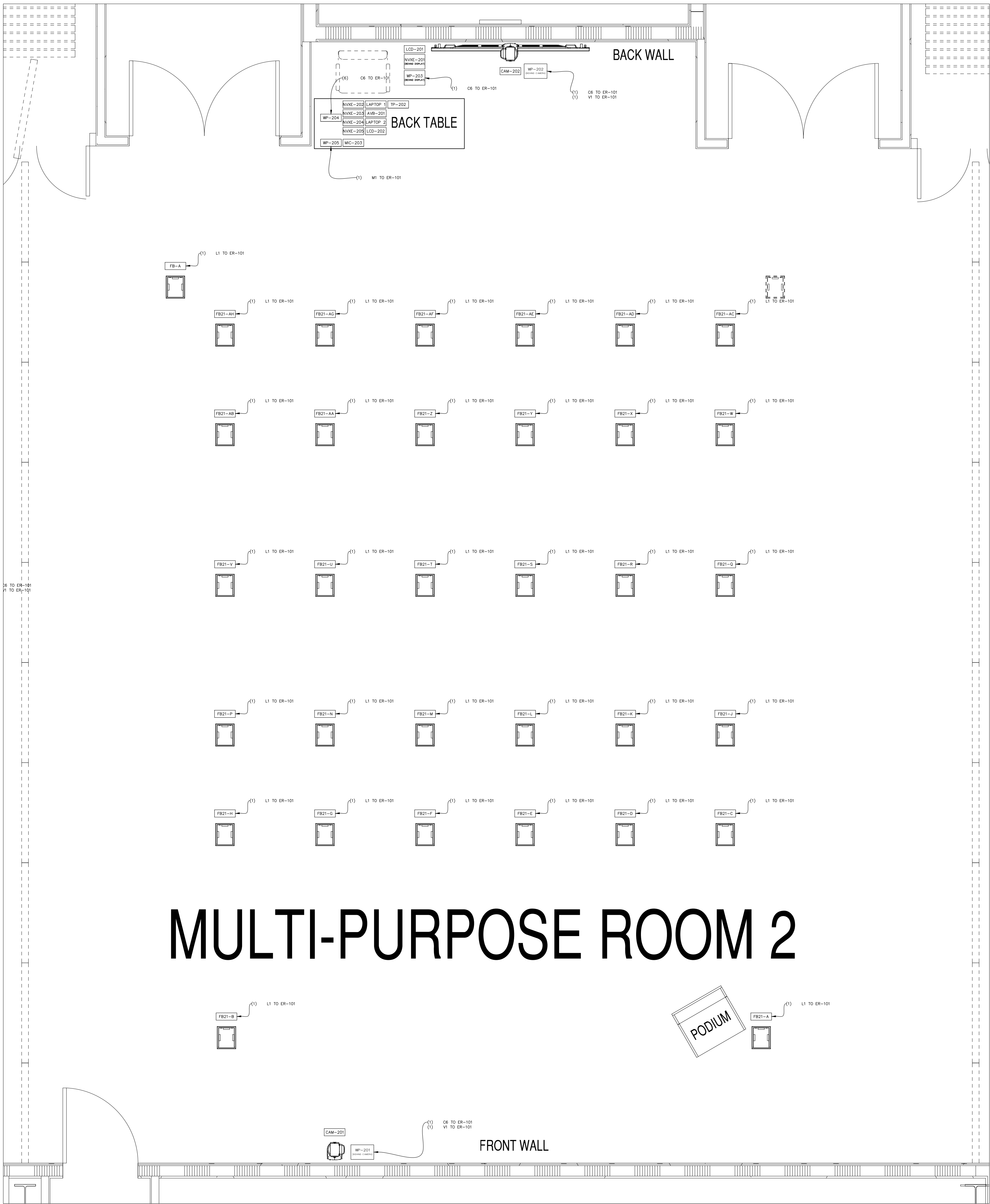
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|                                               |                 |                 |                      |
|-----------------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM                    |                 |                 |                      |
| DRAWING TITLE:<br>MP02 — FRONT WALL ELEVATION |                 |                 |                      |
| SACLE:<br>NTS                                 | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>_____ |
| PROJECT:<br>_____                             | SHEET:<br>AV-39 | REVISION:<br>A  |                      |



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| REV:    | DESCRIPTION:    | BY: | DATE:      |
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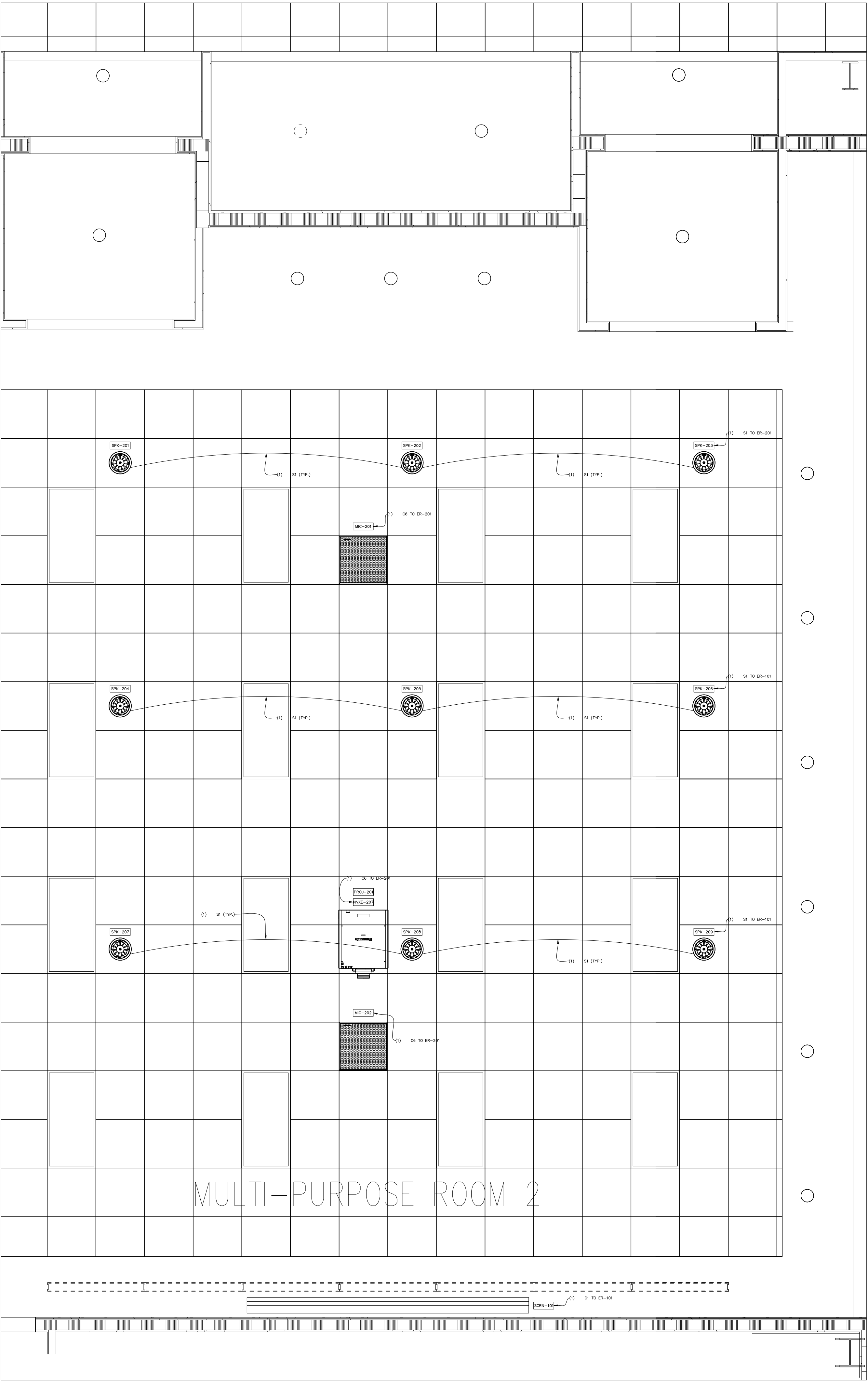
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP02 – FACILITY PLAN

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| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | ---         |
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| ---      | AV-40  | A         |             |



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|         |                 |     |            |
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|         |                 |     |            |
|         |                 |     |            |
| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

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CLIENT NAME  
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SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP02 – REFLECTED CEILING PLAN

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | ---         |
| PROJECT: | SHEET: | REVISION: |             |
| ---      | AV-41  | A         |             |

## MP03 - A/V DEVICE SCHEDULE (1/2)

| ER-301 |             |            |                     |                          |          |       |
|--------|-------------|------------|---------------------|--------------------------|----------|-------|
| #      | DEVICE NAME | MAKE       | MODEL               | DESCRIPTION              | STATUS   | NOTES |
| 1      | NET-301     | NETGEAR    | M4250-40G8XF-POE+   | NETWORK SWITCH           | NEW      |       |
| 2      | NET-302     | NETGEAR    | M4250-40G8XF-POE+   | NETWORK SWITCH           | NEW      |       |
| 3      | DMF-301     | CRESTRON   | DMF-CI-8            | NVX CARD CHASIS          | NEW      |       |
| 4      | NVXC-301    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 5      | NVXC-302    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 6      | NVXC-303    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 7      | NVXC-304    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 8      | NVXC-305    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 9      | NVXC-306    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 10     | NVXC-307    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 11     | NVXC-308    | CRESTRON   | DM-NVX-D30C         | NVX DECODER CARD         | NEW      |       |
| 12     | DMF-302     | CRESTRON   | DMF-CI-8            | NVX CARD CHASIS          | NEW      |       |
| 13     | NVXC-309    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 14     | NVXC-310    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 15     | NVXC-311    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      |       |
| 16     | NVXC-312    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      |       |
| 17     | DMF-303     | CRESTRON   | DMF-CI-8            | NVX CARD CHASIS          | NEW      |       |
| 18     | NVXC-313    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 19     | NVXC-314    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 20     | NVXC-315    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 21     | NVXC-316    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 22     | NVXC-317    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 23     | NVXC-318    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 24     | NVXC-319    | CRESTRON   | DM-NVX-E30C         | NVX ENCODER CARD         | NEW      |       |
| 25     | NVXC-320    | CRESTRON   | DM-NVX-363C         | NVX ENCODER/DECODER CARD | NEW      |       |
| 26     | CONV-301    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 27     | CONV-302    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 28     | CONV-303    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 29     | CONV-304    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 30     | CONV-305    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 31     | CONV-306    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 32     | CONV-307    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 33     | CONV-308    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 34     | CONV-309    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 35     | CONV-310    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 36     | CONV-311    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 37     | CONV-312    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 38     | CONV-313    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 39     | CONV-314    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 40     | CONV-315    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 41     | CONV-316    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 42     | CONV-317    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER       | NEW      |       |
| 43     | SBOX-301    | YAMAHA     | RIO 3224-D2         | DANTE STAGE BOX          | NEW      |       |
| 44     | SBOX-302    | YAMAHA     | RIO 3224-D2         | DANTE STAGE BOX          | NEW      |       |
| 45     | AMP-301     | QSC        | CX-2 2K4            | SPEAKER AMPLIFIER        | NEW      |       |
| 46     | WRX-301     | SHURE      | ULXD4Q              | WIRELESS MIC RECEIVER    | EXISTING |       |
| 47     | PWR-301     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |       |
| 48     | PWR-302     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |       |
| 49     | PWR-303     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |       |
| 50     | PWR-304     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |       |
| 51     | PWR-305     | CRESTRON   | PC-300              | POWER CONDITIONER        | NEW      |       |

| MP03 - OPERATOR TABLE |             |            |                     |                         |          |       |
|-----------------------|-------------|------------|---------------------|-------------------------|----------|-------|
| #                     | DEVICE NAME | MAKE       | MODEL               | DESCRIPTION             | STATUS   | NOTES |
| 52                    | VMIX-301    | BLACKMAGIC | TV STUDIO 4K8       | VIDEO MIXER             | NEW      |       |
| 53                    | CONV-318    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER      | NEW      |       |
| 54                    | CONV-319    | BLACKMAGIC | CONVCMIC/SH03G/WPSU | SDI/HDMI CONVERTER      | NEW      |       |
| 55                    | LCD-303     | SAMSUNG    | P2450H              | 24" LCD MONITOR         | EXISTING |       |
| 56                    | LCD-304     | SAMSUNG    | P2450H              | 24" LCD MONITOR         | EXISTING |       |
| 57                    | AMIX-301    | YAMAHA     | QL5                 | AUDIO MIXER             | EXISTING |       |
| 58                    | MIC-305     | SHURE      | GM58                | TALKBACK MIC            | EXISTING |       |
| 59                    | SPK-316     | YAMAHA     | MS101 III           | MONITOR SPEAKER         | EXISTING |       |
| 60                    | DGE-301     | CRESTRON   | DM-DGE-200-C        | DIGITAL GRAPHICS ENGINE | EXISTING |       |
| 61                    | TP-301      | CRESTRON   | TSP-2020-B          | 20" TOUCH PANEL         | EXISTING |       |
| 62                    | PTZC-301    | PANASONIC  | AW-RP120            | PTZ CAMERA CONTROLLER   | EXISTING |       |

| MP03 - BACK TABLE |             |                |              |                      |          |       |
|-------------------|-------------|----------------|--------------|----------------------|----------|-------|
| #                 | DEVICE NAME | MAKE           | MODEL        | DESCRIPTION          | STATUS   | NOTES |
| 63                | WP-309      | LEVITON        | 42080-6WS    | 6 PORT WALL PLATE    | NEW      |       |
| 64                | NVXE-302    | CRESTRON       | DM-NVX-E30   | NVX ENCODER ENDPOINT | NEW      |       |
| 65                | NVXE-304    | CRESTRON       | DM-NVX-E30   | NVX ENCODER ENDPOINT | NEW      |       |
| 66                | NVXE-303    | CRESTRON       | DM-NVX-D30   | NVX DECODER ENDPOINT | NEW      |       |
| 67                | NVXE-305    | CRESTRON       | DM-NVX-D30   | NVX DECODER ENDPOINT | NEW      |       |
| 68                | AVB-301     | VADDIO         | 999-8210-000 | AV BRIDGE            | EXISTING |       |
| 69                | LCD-302     | LG             | 25MB35PY     | 24" LCD MONITOR      | EXISTING |       |
| 70                | MIC-303     | AUDIO TECHNICA | U857Q        | GOOSENECK MONITOR    | NEW      |       |
| 71                | WP-310      | PRO CO         | WP-1004      | XLR INPUT PLATE      | NEW      |       |
| 72                | TP-302      | CRESTRON       | TSW-560-B-S  | 8" TOUCH PANEL       | EXISTING |       |

## MP03 - A/V DEVICE SCHEDULE (2/2)

| MP03 - CEILING |             |           |             |                      |          |       |
|----------------|-------------|-----------|-------------|----------------------|----------|-------|
| #              | DEVICE NAME | MAKE      | MODEL       | DESCRIPTION          | STATUS   | NOTES |
| 73             | NVXE-307    | CRESTRON  | DM-NVX-D30  | NVX DECODER ENDPOINT | NEW      |       |
| 74             | NVXE-308    | CRESTRON  | DM-NVX-D30  | NVX DECODER ENDPOINT | NEW      |       |
| 75             | NVXE-309    | CRESTRON  | DM-NVX-D30  | NVX DECODER ENDPOINT | NEW      |       |
| 76             | PROJ-301    | PANASONIC | PT-DZ16K2U  | CEILING PROJECTOR    | EXISTING |       |
| 77             | PROJ-302    | PANASONIC | PT-DZ16K2U  | CEILING PROJECTOR    | EXISTING |       |
| 78             | PROJ-303    | PANASONIC | PT-DZ16K2U  | CEILING PROJECTOR    | EXISTING |       |
| 79             | SPK-301     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 80             | SPK-302     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 81             | SPK-303     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 82             | SPK-304     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 83             | SPK-305     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 84             | SPK-306     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 85             | SPK-307     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 86             | SPK-308     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 87             | SPK-309     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 88             | SPK-310     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 89             | SPK-311     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 90             | SPK-312     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 91             | SPK-313     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 92             | SPK-314     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 93             | SPK-315     | QSC       | AD-C6T      | 6" CEILING SPEAKER   | NEW      |       |
| 94             | MIC-301     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 95             | MIC-302     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 96             | MIC-303     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 97             | MIC-304     | SHURE     | MXA920WS    | CEILING MIC ARRAY    | NEW      |       |
| 98             | ANT-301     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 99             | ANT-302     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 100            | ANT-303     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 101            | ANT-304     | SHURE     | UA8-470-636 | WIRELESS MIC ANTENNA | EXISTING |       |
| 102            | UHF-301     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 103            | UHF-302     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 104            | UHF-303     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 105            | UHF-304     | SHURE     | UA830       | UHF AMPLIFIER        | EXISTING |       |
| 106            | SPLT-301    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 107            | SPLT-302    | SHURE     | UA221       | ANTENNA SPLITTER     | EXISTING |       |
| 108            | SCRN-301    | DRAPER    | ACCESS V    | PROJECTION SCREEN    | EXISTING |       |
| 109            | SCRN-302    | DRAPER    | ACCESS V    | PROJECTION SCREEN    | EXISTING |       |
| 110            | SCRN-303    | DRAPER    | ACCESS V    | PROJECTION SCREEN    | EXISTING |       |

| MP03 - NORTH WALL |             |           |           |                   |        |       |
|-------------------|-------------|-----------|-----------|-------------------|--------|-------|
| #                 | DEVICE NAME | MAKE      | MODEL     | DESCRIPTION       | STATUS | NOTES |
| 111               | WP-301      | LEVITON   | 42080-2WS | 2 PORT WALL PLATE | NEW    |       |
| 112               | CAM-301     | PANASONIC | AW-UE150  | PTZ CAMERA        | NEW    |       |

| MP03 - EAST WALL |             |           |           |                      |          |       |
|------------------|-------------|-----------|-----------|----------------------|----------|-------|
| #                | DEVICE NAME | MAKE      | MODEL     | DESCRIPTION          | STATUS   | NOTES |
| 113              | WP-302      | LEVITON   | 42080-2WS | 2 PORT WALL PLATE    | NEW      |       |
| 114              | CAM-302     | PANASONIC | AW-UE150  | PTZ CAMERA           | NEW      |       |
| 115              | WP-303      | LEVITON   | 42080-2WS | 2 PORT WALL PLATE    | NEW      |       |
| 116              | CAM-303     | PANASONIC | AW-UE150  | PTZ CAMERA           | NEW      |       |
| 117              | SCRN-304    | DRAPER    | LVC-S     | SCREEN CONTROL PLATE | EXISTING |       |
| 118              | SCRN-305    | DRAPER    | LVC-S     | SCREEN CONTROL PLATE | EXISTING |       |
| 119              | SCRN-306    | DRAPER    | LVC-S     | SCREEN CONTROL PLATE | EXISTING |       |

| MP03 - SOUTH WALL |             |           |           |                   |        |       |
|-------------------|-------------|-----------|-----------|-------------------|--------|-------|
| #                 | DEVICE NAME | MAKE      | MODEL     | DESCRIPTION       | STATUS | NOTES |
| 120               | WP-304      | LEVITON   | 42080-2WS | 2 PORT WALL PLATE | NEW    |       |
| 121               | CAM-304     | PANASONIC | AW-UE150  | PTZ CAMERA        | NEW    |       |

| MP03 - WEST WALL |             |           |            |                      |        |       |
|------------------|-------------|-----------|------------|----------------------|--------|-------|
| #                | DEVICE NAME | MAKE      | MODEL      | DESCRIPTION          | STATUS | NOTES |
| 122              | WP-305      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW    |       |
| 123              | CAM-305     | PANASONIC | AW-UE150   | PTZ CAMERA           | NEW    |       |
| 124              | WP-306      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW    |       |
| 125              | CAM-306     | PANASONIC | AW-UE150   | PTZ CAMERA           | NEW    |       |
| 126              | WP-307      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW    |       |
| 127              | CAM-307     | PANASONIC | AW-UE150   | PTZ CAMERA           | NEW    |       |
| 128              | WP-308      | LEVITON   | 42080-2WS  | 2 PORT WALL PLATE    | NEW    |       |
| 129              | NVXE-301    | CRESTRON  | DM-NVX-D30 | NVX DECODER ENDPOINT | NEW    |       |
| 130              | LCD-301     | NEC       | C861Q      | 86" LCD MONITOR      | NEW    |       |

| MP03 - PODIUM |             |          |            |                      |        |       |
|---------------|-------------|----------|------------|----------------------|--------|-------|
| #             | DEVICE NAME | MAKE     | MODEL      | DESCRIPTION          | STATUS | NOTES |
| 131           | FB-301      | LEVITON  | 42080-2WS  | 2 PORT FLOOR PLATE   | NEW    |       |
| 132           | NVXE-306    | CRESTRON | DM-NVX-E30 | NVX ENCODER ENDPOINT | NEW    |       |

NOTES:

## NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real—world facility.

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|         |                 |     |            |
|---------|-----------------|-----|------------|
|         |                 |     |            |
| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

ENGINEER:

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CLIENT:

.logo-black.png

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:

## EXAMPLE AV SYSTEM

DRAWING TITLE:

### MP03 – DEVICE SCHEDULE

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | _____       |
| PROJECT: | SHEET: | REVISION: |             |
| _____    | AV—42  | A         |             |

## MP03 - A/V CABLE SCHEDULE (1/3)

| MP03 - NETWORK CABLES |            |               |                  |                    |                        |
|-----------------------|------------|---------------|------------------|--------------------|------------------------|
| CABLE NAME            | CABLE TYPE | SOURCE DEVICE | SOURCE PORT      | DESTINATION DEVICE | DESTINATION PORT       |
| C6-3001               | CAT 6      | NVXE-309      | LAN 1            | NET-301            | PORT 01                |
| C6-3002               | CAT 6      | NVXE-308      | LAN 1            | NET-301            | PORT 02                |
| C6-3003               | CAT 6      | NVXE-307      | LAN 1            | NET-301            | PORT 03                |
| C6-3004               | CAT 6      | FB-301        | PODIUM NVX       | NET-301            | PORT 04                |
| C6-3005               | CAT 6      | WP-309        | LCD-102 NVX      | NET-301            | PORT 05                |
| C6-3006               | CAT 6      | WP-309        | LAPTOP 2 NVX     | NET-301            | PORT 06                |
| C6-3007               | CAT 6      | WP-309        | AV BRIDGE NVX    | NET-301            | PORT 07                |
| C6-3008               | CAT 6      | WP-309        | LAPTOP 1 NVX     | NET-301            | PORT 08                |
| C6-3009               | CAT 6      | WP-308        | REAR DISPLAY NVX | NET-301            | PORT 09                |
| C6-3010               | CAT 6      | NVXC-301      | LAN 1            | NET-302            | PORT 01                |
| C6-3011               | CAT 6      | NVXC-302      | LAN 1            | NET-302            | PORT 02                |
| C6-3012               | CAT 6      | NVXC-303      | LAN 1            | NET-302            | PORT 03                |
| C6-3013               | CAT 6      | NVXC-304      | LAN 1            | NET-302            | PORT 04                |
| C6-3014               | CAT 6      | NVXC-305      | LAN 1            | NET-302            | PORT 05                |
| C6-3015               | CAT 6      | NVXC-306      | LAN 1            | NET-302            | PORT 06                |
| C6-3016               | CAT 6      | NVXC-307      | LAN 1            | NET-302            | PORT 07                |
| C6-3017               | CAT 6      | NVXC-308      | LAN 1            | NET-302            | PORT 08                |
| C6-3018               | CAT 6      | NVXC-309      | LAN 1            | NET-302            | PORT 09                |
| C6-3019               | CAT 6      | NVXC-310      | LAN 1            | NET-302            | PORT 10                |
| C6-3021               | CAT 6      | NVXC-312      | LAN 1            | NET-302            | PORT 12                |
| C6-3022               | CAT 6      | NVXC-313      | LAN 1            | NET-302            | PORT 13                |
| C6-3023               | CAT 6      | NVXC-314      | LAN 1            | NET-302            | PORT 14                |
| C6-3024               | CAT 6      | NVXC-315      | LAN 1            | NET-302            | PORT 15                |
| C6-3025               | CAT 6      | NVXC-316      | LAN 1            | NET-302            | PORT 16                |
| C6-3026               | CAT 6      | NVXC-317      | LAN 1            | NET-302            | PORT 17                |
| C6-3027               | CAT 6      | NVXC-318      | LAN 1            | NET-302            | PORT 18                |
| C6-3028               | CAT 6      | NVXC-319      | LAN 1            | NET-302            | PORT 19                |
| C6-3029               | CAT 6      | NVXC-320      | LAN 1            | NET-302            | PORT 20                |
| C6-3030               | CAT 6      | NVXC-311      | LAN 1            | NET-302            | PORT 21                |
| C6-3031               | CAT 6      | SBOX-301      | DANTE PRIMARY    | NET-302            | PORT 22                |
| C6-3032               | CAT 6      | SBOX-302      | DANTE PRIMARY    | NET-302            | PORT 23                |
| C6-3033               | CAT 6      | AMP-301       | LAN              | NET-302            | PORT 24                |
| C6-3034               | CAT 6      | WRX-301       | DANTE PRIMARY    | NET-302            | PORT 25                |
| C6-3035               | CAT 6      | WP-304        | AV BRIDGE LAN    | NET-301            | PORT 10                |
| C6-3036               | CAT 6      | MIC-304       | LAN              | NET-301            | PORT 11                |
| C6-3037               | CAT 6      | MIC-303       | LAN              | NET-301            | PORT 12                |
| C6-3038               | CAT 6      | MIC-302       | LAN              | NET-301            | PORT 13                |
| C6-3039               | CAT 6      | MIC-301       | LAN              | NET-301            | PORT 14                |
| C6-3040               | CAT 6      | AMIX-301      | ETHERNET         | NET-301            | PORT 15                |
| C6-3041               | CAT 6      | PWR-301       | LAN              | NET-302            | PORT 26                |
| C6-3042               | CAT 6      | PWR-302       | LAN              | NET-302            | PORT 27                |
| C6-3043               | CAT 6      | PWR-303       | LAN              | NET-302            | PORT 28                |
| C6-3044               | CAT 6      | PWR-304       | LAN              | NET-302            | PORT 29                |
| C6-3045               | CAT 6      | PWR-305       | LAN              | NET-302            | PORT 30                |
| C6-3046               | CAT 6      | NVXE-306      | LAN 1            | FB-301             | PODIUM NVX             |
| C6-3047               | CAT 6      | NVXE-302      | LAN 1            | WP-309             | LAPTOP 1 NVX           |
| C6-3048               | CAT 6      | NVXE-303      | LAN 1            | WP-309             | AV BRIDGE NVX          |
| C6-3049               | CAT 6      | NVXE-304      | LAN 1            | WP-309             | LAPTOP 2 IN            |
| C6-3050               | CAT 6      | NVXE-305      | LAN 1            | WP-309             | BACK TABLE DISPLAY NVX |
| C6-3051               | CAT 6      | NVXE-301      | LAN 1            | WP-308             | REAR DISPLAY NVX       |
| C6-3052               | CAT 6      | AVB-301       | ETHERNET         | WP-304             | AV BRIDGE NVX          |
| C6-3053               | CAT 6      | DGE-301       | LAN              | NET-301            | PORT 16                |
| C6-3054               | CAT 6      | PTZG-301      | LAN              | NET-301            | PORT 17                |
| C6-3055               | CAT 6      | WP-301        | CAMERA 1 CONTROL | NET-301            | PORT 18                |
| C6-3056               | CAT 6      | WP-302        | CAMERA 2 CONTROL | NET-301            | PORT 19                |
| C6-3057               | CAT 6      | WP-303        | CAMERA 3 CONTROL | NET-301            | PORT 20                |
| C6-3058               | CAT 6      | WP-304        | CAMERA 4 CONTROL | NET-301            | PORT 21                |
| C6-3059               | CAT 6      | WP-305        | CAMERA 5 CONTROL | NET-301            | PORT 22                |
| C6-3060               | CAT 6      | WP-306        | CAMERA 6 CONTROL | NET-301            | PORT 23                |
| C6-3061               | CAT 6      | WP-307        | CAMERA 7 CONTROL | NET-301            | PORT 24                |
| C6-3062               | CAT 6      | WP-304        | AV BRIDGE NVX    | NET-301            | PORT 25                |
| C6-3063               | CAT 6      | WP-304        | TOUCH PANEL      | NET-301            | PORT 26                |
| C6-3064               | CAT 6      | CAM-301       | LAN              | WP-301             | CAM 1 CONTROL          |
| C6-3065               | CAT 6      | CAM-302       | LAN              | WP-302             | CAM 2 CONTROL          |
| C6-3066               | CAT 6      | CAM-303       | LAN              | WP-303             | CAM 3 CONTROL          |
| C6-3067               | CAT 6      | CAM-304       | LAN              | WP-304             | CAM 4 CONTROL          |
| C6-3068               | CAT 6      | CAM-305       | LAN              | WP-305             | CAM 5 CONTROL          |
| C6-3069               | CAT 6      | CAM-306       | LAN              | WP-306             | CAM 6 CONTROL          |
| C6-3070               | CAT 6      | CAM-307       | LAN              | WP-307             | CAM 7 CONTROL          |
| C6-3071               | CAT 6      | TP-302        | LAN              | WP-304             | TOUCH PANEL            |

### MP03 - CONTROL CABLES

| CABLE NAME | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
|------------|------------|---------------|-------------|--------------------|------------------|
| USB-3001   | USB        | DGE-301       | USBA        | TP-301             | USBB             |
| C1-3001    | 22 / 2     | NVXE-301      | COM         | LCD-301            | Rs232            |
| C1-3002    | 22 / 2     | CP-401        | RELAY 3     | SCRN-304           | RELAY            |
| C1-3003    | 22 / 2     | SCRN-304      | RELAY       | SCRN-301           | RELAY            |
| C1-3004    | 22 / 2     | CP-401        | RELAY 4     | SCRN-305           | RELAY            |
| C1-3005    | 22 / 2     | SCRN-305      | RELAY       | SCRN-302           | RELAY            |
| C1-3006    | 22 / 2     | CP-401        | RELAY 5     | SCRN-306           | RELAY            |
| C1-3007    | 22 / 2     | SCRN-306      | RELAY       | SCRN-303           | RELAY            |

### MP03 - ANTENNA CABLES

| CABLE NAME | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
|------------|------------|---------------|-------------|--------------------|------------------|
| A1-3001    | RG8        | ANT-301       | ANT         | UHF-301            | IN               |
| A1-3002    | RG8        | ANT-302       | ANT         | UHF-302            | IN               |
| A1-3003    | RG8        | ANT-303       | ANT         | UHF-303            | IN               |
| A1-3004    | RG8        | ANT-304       | ANT         | UHF-304            | IN               |
| A1-3005    | RG8        | UHF-301       | OUT         | SPLT-301           | ANT              |
| A1-3006    | RG8        | UHF-302       | OUT         | SPLT-301           | R2               |
| A1-3007    | RG8        | UHF-303       | OUT         | SPLT-302           | ANT              |
| A1-3008    | RG8        | UHF-304       | OUT         | SPLT-302           | R2               |

## MP03 - A/V CABLE SCHEDULE (2/3)

| MP03 - AUDIO CABLES |                |               |             |                    |                  |
|---------------------|----------------|---------------|-------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE     | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| M1-3001             | MIC LVL AUDIO  | FB31-A        | MIC INPUT   | SBOX-301           | INPUT 01         |
| M1-3002             | MIC LVL AUDIO  | FB31-B        | MIC INPUT   | SBOX-301           | INPUT 02         |
| M1-3003             | MIC LVL AUDIO  | FB31-C        | MIC INPUT   | SBOX-301           | INPUT 03         |
| M1-3004             | MIC LVL AUDIO  | FB31-D        | MIC INPUT   | SBOX-301           | INPUT 04         |
| M1-3005             | MIC LVL AUDIO  | FB31-E        | MIC INPUT   | SBOX-301           | INPUT 05         |
| M1-3006             | MIC LVL AUDIO  | FB31-F        | MIC INPUT   | SBOX-301           | INPUT 06         |
| M1-3007             | MIC LVL AUDIO  | FB31-G        | MIC INPUT   | SBOX-301           | INPUT 07         |
| M1-3008             | MIC LVL AUDIO  | FB31-H        | MIC INPUT   | SBOX-301           | INPUT 08         |
| M1-3009             | MIC LVL AUDIO  | FB31-J        | MIC INPUT   | SBOX-301           | INPUT 09         |
| M1-3010             | MIC LVL AUDIO  | FB31-K        | MIC INPUT   | SBOX-301           | INPUT 10         |
| M1-3011             | MIC LVL AUDIO  | FB31-L        | MIC INPUT   | SBOX-301           | INPUT 11         |
| M1-3012             | MIC LVL AUDIO  | FB31-M        | MIC INPUT   | SBOX-301           | INPUT 12         |
| M1-3013             | MIC LVL AUDIO  | FB31-N        | MIC INPUT   | SBOX-301           | INPUT 13         |
| M1-3014             | MIC LVL AUDIO  | FB31-P        | MIC INPUT   | SBOX-301           | INPUT 14         |
| M1-3015             | MIC LVL AUDIO  | FB31-Q        | MIC INPUT   | SBOX-301           | INPUT 15         |
| M1-3016             | MIC LVL AUDIO  | FB31-R        | MIC INPUT   | SBOX-301           | INPUT 16         |
| M1-3017             | MIC LVL AUDIO  | FB31-S        | MIC INPUT   | SBOX-301           | INPUT 17         |
| M1-3018             | MIC LVL AUDIO  | FB31-T        | MIC INPUT   | SBOX-301           | INPUT 18         |
| M1-3019             | MIC LVL AUDIO  | FB31-U        | MIC INPUT   | SBOX-301           | INPUT 19         |
| M1-3020             | MIC LVL AUDIO  | FB31-V        | MIC INPUT   | SBOX-301           | INPUT 20         |
| M1-3021             | MIC LVL AUDIO  | FB31-W        | MIC INPUT   | SBOX-301           | INPUT 21         |
| M1-3022             | MIC LVL AUDIO  | FB31-X        | MIC INPUT   | SBOX-301           | INPUT 22         |
| M1-3023             | MIC LVL AUDIO  | FB31-Y        | MIC INPUT   | SBOX-301           | INPUT 23         |
| M1-3024             | MIC LVL AUDIO  | FB31-Z        | MIC INPUT   | SBOX-301           | INPUT 24         |
| M1-3025             | MIC LVL AUDIO  | FB31-AA       | MIC INPUT   | SBOX-301           | INPUT 25         |
| M1-3026             | MIC LVL AUDIO  | FB31-AB       | MIC INPUT   | SBOX-301           | INPUT 26         |
| M1-3027             | MIC LVL AUDIO  | FB31-AC       | MIC INPUT   | SBOX-301           | INPUT 27         |
| M1-3028             | MIC LVL AUDIO  | FB31-AD       | MIC INPUT   | SBOX-302           | INPUT 01         |
| M1-3029             | MIC LVL AUDIO  | FB31-AE       | MIC INPUT   | SBOX-302           | INPUT 02         |
| M1-3030             | MIC LVL AUDIO  | FB31-AF       | MIC INPUT   | SBOX-302           | INPUT 03         |
| M1-3031             | MIC LVL AUDIO  | FB31-AG       | MIC INPUT   | SBOX-302           | INPUT 04         |
| M1-3032             | MIC LVL AUDIO  | FB31-AH       | MIC INPUT   | SBOX-302           | INPUT 05         |
| M1-3033             | MIC LVL AUDIO  | FB31-AJ       | MIC INPUT   | SBOX-302           | INPUT 06         |
| M1-3034             | MIC LVL AUDIO  | FB31-AK       | MIC INPUT   | SBOX-302           | INPUT 07         |
| M1-3035             | MIC LVL AUDIO  | FB31-AL       | MIC INPUT   | SBOX-302           | INPUT 08         |
| M1-3036             | MIC LVL AUDIO  | FB31-AM       | MIC INPUT   | SBOX-302           | INPUT 09         |
| M1-3037             | MIC LVL AUDIO  | FB31-AN       | MIC INPUT   | SBOX-302           | INPUT 10         |
| M1-3038             | MIC LVL AUDIO  | FB31-AP       | MIC INPUT   | SBOX-302           | INPUT 11         |
| M1-3039             | MIC LVL AUDIO  | FB31-AQ       | MIC INPUT   | SBOX-302           | INPUT 12         |
| M1-3040             | MIC LVL AUDIO  | FB31-AR       | MIC INPUT   | SBOX-302           | INPUT 13         |
| M1-3041             | MIC LVL AUDIO  | FB31-AS       | MIC INPUT   | SBOX-302           | INPUT 14         |
| M1-3042             | MIC LVL AUDIO  | FB31-AT       | MIC INPUT   | SBOX-302           | INPUT 15         |
| M1-3043             | MIC LVL AUDIO  | FB31-AU       | MIC INPUT   | SBOX-302           | INPUT 16         |
| M1-3044             | MIC LVL AUDIO  | FB31-AV       | MIC INPUT   | SBOX-302           | INPUT 17         |
| M1-3045             | MIC LVL AUDIO  | FB31-AW       | MIC INPUT   | SBOX-302           | INPUT 18         |
| M1-3046             | MIC LVL AUDIO  | FB31-AX       | MIC INPUT   | SBOX-302           | INPUT 19         |
| M1-3047             | MIC LVL AUDIO  | FB31-AY       | MIC INPUT   | SBOX-302           | INPUT 20         |
| M1-3048             | MIC LVL AUDIO  | FB31-AZ       | MIC INPUT   | SBOX-302           | INPUT 21         |
| M1-3049             | MIC LVL AUDIO  | FB31-BA       | MIC INPUT   | SBOX-302           | INPUT 22         |
| M1-3050             | MIC LVL AUDIO  | FB31-BB       | MIC INPUT   | SBOX-302           | INPUT 23         |
| M1-3051             | MIC LVL AUDIO  | FB31-BC       | MIC INPUT   | SBOX-302           | INPUT 24         |
| M1-3052             | MIC LVL AUDIO  | FB31-BD       | MIC INPUT   | SBOX-302           | INPUT 25         |
| M1-3053             | MIC LVL AUDIO  | FB31-BE       | MIC INPUT   | SBOX-302           | INPUT 26         |
| M1-3054             | MIC LVL AUDIO  | FB31-BF       | MIC INPUT   | SBOX-302           | INPUT 27         |
| M1-3055             | MIC LVL AUDIO  | MIC-305       | MIC OUT     | WP-310             | MIC IN           |
| M1-3056             | MIC LVL AUDIO  | WP-310        | MIC OUT     | DSP-401            | M/L IN CH 8      |
| L1-3001             | LINE LVL AUDIO | NVXC-311      | AUDIO I/O   | DSP-401            | M/L IN CH7       |
| L1-3002A/B          | LINE LVL AUDIO | NVXE-303      | AUDIO I/O   | AVB-301            | LINE IN L/R      |
| S1-3001             | SPEAKER CABLE  | AMP-301       | OUTPUT CH C | SPK-301            | IN               |
| S1-3002             | SPEAKER CABLE  | AMP-301       | OUTPUT CH B | SPK-306            | IN               |
| S1-3003             | SPEAKER CABLE  | AMP-301       | OUTPUT CH A | SPK-311            | IN               |
| S1-3004             | SPEAKER CABLE  | SPK-301       | OUT         | SPK-302            | IN               |
| S1-3005             | SPEAKER CABLE  | SPK-302       | OUT         | SPK-303            | IN               |
| S1-3006             | SPEAKER CABLE  | SPK-303       | OUT         | SPK-304            | IN               |
| S1-3007             | SPEAKER CABLE  | SPK-304       | OUT         | SPK-305            | IN               |
| S1-3008             | SPEAKER CABLE  | SPK-306       | OUT         | SPK-307            | IN               |
| S1-3009             | SPEAKER CABLE  | SPK-307       | OUT         | SPK-308            | IN               |
| S1-3010             | SPEAKER CABLE  | SPK-308       | OUT         | SPK-309            | IN               |
| S1-3011             | SPEAKER CABLE  | SPK-309       | OUT         | SPK-310            | IN               |
| S1-3012             | SPEAKER CABLE  | SPK-311       | OUT         | SPK-312            | IN               |
| S1-3013             | SPEAKER CABLE  | SPK-312       | OUT         | SPK-313            | IN               |
| S1-3014             | SPEAKER CABLE  | SPK-313       | OUT         | SPK-314            | IN               |
| S1-3015             | SPEAKER CABLE  | SPK-314       | OUT         | SPK-315            | IN               |

NOTES:

## NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

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|         |                 |     |            |
|---------|-----------------|-----|------------|
| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

|                                                            |          |
|------------------------------------------------------------|----------|
| ENGINEER:                                                  | JOE HELD |
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|                                         |             |
|-----------------------------------------|-------------|
| CLIENT:                                 | CLIENT NAME |
| 321 FAKE WAY<br>SOME PLACE, MD<br>21224 |             |

|                            |        |                   |             |
|----------------------------|--------|-------------------|-------------|
| SITE:                      |        | EXAMPLE AV SYSTEM |             |
| DRAWING TITLE:             |        |                   |             |
| MP03 – CABLE SCHEDULE(1/2) |        |                   |             |
| SACLE:                     | DATE:  | DRAWN BY:         | CHECKED BY: |
| NTS                        | 2/1/24 | JH                | _____       |
| PROJECT:                   | SHEET: |                   | REVISION:   |
| _____                      | AV-43  |                   | A           |

MP03 - A/V CABLE SCHEDULE (3/3)

| MP02 - VIDEO CABLES |            |               |                |                    |                  |
|---------------------|------------|---------------|----------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE | SOURCE DEVICE | SOURCE PORT    | DESTINATION DEVICE | DESTINATION PORT |
| HD-3001             | HDMI       | NVXC-301      | HDMI OUTPUT    | CONV-301           | HDMI IN          |
| HD-3002             | HDMI       | NVXC-302      | HDMI OUTPUT    | CONV-302           | HDMI IN          |
| HD-3003             | HDMI       | NVXC-303      | HDMI OUTPUT    | CONV-303           | HDMI IN          |
| HD-3004             | HDMI       | NVXC-304      | HDMI OUTPUT    | CONV-304           | HDMI IN          |
| HD-3005             | HDMI       | NVXC-305      | HDMI OUTPUT    | CONV-305           | HDMI IN          |
| HD-3006             | HDMI       | NVXC-306      | HDMI OUTPUT    | CONV-306           | HDMI IN          |
| HD-3007             | HDMI       | NVXC-307      | HDMI OUTPUT    | CONV-307           | HDMI IN          |
| HD-3008             | HDMI       | NVXC-308      | HDMI OUTPUT    | CONV-308           | HDMI IN          |
| HD-3009             | HDMI       | CONV-309      | HDMI OUT       | NVXC-309           | HDMI INPUT       |
| HD-3010             | HDMI       | CONV-310      | HDMI OUT       | NVXC-310           | HDMI INPUT       |
| HD-3011             | HDMI       | NVXC-313      | HDMI OUTPUT    | CONV-311           | HDMI OUT         |
| HD-3012             | HDMI       | NVXC-314      | HDMI OUTPUT    | CONV-312           | HDMI OUT         |
| HD-3013             | HDMI       | NVXC-315      | HDMI OUTPUT    | CONV-313           | HDMI OUT         |
| HD-3014             | HDMI       | NVXC-316      | HDMI OUTPUT    | CONV-314           | HDMI OUT         |
| HD-3015             | HDMI       | NVXC-317      | HDMI OUTPUT    | CONV-315           | HDMI OUT         |
| HD-3016             | HDMI       | NVXC-318      | HDMI OUTPUT    | CONV-316           | HDMI OUT         |
| HD-3017             | HDMI       | NVXC-319      | HDMI OUTPUT    | CONV-317           | HDMI OUT         |
| HD-3018             | HDMI       | CONV-318      | HDMI OUT       | LCD-303            | HDMI IN          |
| HD-3019             | HDMI       | CONV-319      | HDMI OUT       | LCD-304            | HDMI IN          |
| HD-3020             | HDMI       | NVXE-301      | HDMI OUTPUT    | LCD-301            | HDMI IN          |
| HD-3021             | HDMI       | LAPTOP 01     | HDMI OUT       | NVXE-302           | HDMI INPUT       |
| HD-3022             | HDMI       | NVXE-303      | HDMI OUTPUT    | AVB-301            | HDMI IN          |
| HD-3023             | HDMI       | LAPTOP 02     | HDMI OUT       | NVXE-304           | HDMI INPUT       |
| HD-3024             | HDMI       | NVXE-305      | HDMI OUTPUT    | LCD-302            | HDMI IN          |
| HD-3025             | HDMI       | LAPTOP        | HDMI OUT       | NVXE-306           | HDMI INPUT       |
| HD-3026             | HDMI       | NVXE-307      | HDMI OUTPUT    | PROJ-301           | HDMI IN          |
| HD-3027             | HDMI       | NVXE-308      | HDMI OUTPUT    | PROJ-302           | HDMI IN          |
| HD-3028             | HDMI       | NVXE-309      | HDMI OUTPUT    | PROJ-303           | HDMI IN          |
| HD-3029             | HDMI       | DGE-301       | HDMI OUT       | TP-301             | HDMI IN          |
| V1-3001             | SDI        | CONV-301      | SDI OUT        | VMIX-301           | SDI IN 01        |
| V1-3002             | SDI        | CONV-302      | SDI OUT        | VMIX-301           | SDI IN 02        |
| V1-3003             | SDI        | CONV-303      | SDI OUT        | VMIX-301           | SDI IN 03        |
| V1-3004             | SDI        | CONV-304      | SDI OUT        | VMIX-301           | SDI IN 04        |
| V1-3005             | SDI        | CONV-305      | SDI OUT        | VMIX-301           | SDI IN 05        |
| V1-3006             | SDI        | CONV-306      | SDI OUT        | VMIX-301           | SDI IN 06        |
| V1-3007             | SDI        | CONV-307      | SDI OUT        | VMIX-301           | SDI IN 07        |
| V1-3008             | SDI        | CONV-308      | SDI OUT        | VMIX-301           | SDI IN 08        |
| V1-3009             | SDI        | VMIX-301      | AUX SDI OUT 01 | CONV-309           | SDI IN           |
| V1-3010             | SDI        | VMIX-301      | PROGRAM OUT    | CONV-310           | SDI IN           |
| V1-3011             | SDI        | WP-301        | CAMERA 1 VIDEO | CONV-311           | SDI IN           |
| V1-3012             | SDI        | WP-302        | CAMERA 2 VIDEO | CONV-312           | SDI IN           |
| V1-3013             | SDI        | WP-303        | CAMERA 3 VIDEO | CONV-313           | SDI IN           |
| V1-3014             | SDI        | WP-304        | CAMERA 4 VIDEO | CONV-314           | SDI IN           |
| V1-3015             | SDI        | WP-305        | CAMERA 5 VIDEO | CONV-315           | SDI IN           |
| V1-3016             | SDI        | WP-306        | CAMERA 6 VIDEO | CONV-316           | SDI IN           |
| V1-3017             | SDI        | WP-307        | CAMERA 7 VIDEO | CONV-317           | SDI IN           |
| V1-3018             | SDI        | VMIX-301      | MULTI-VIEW OUT | CONV-318           | SDI IN           |
| V1-3019             | SDI        | VMIX-301      | AUX SDI OUT 02 | CONV-319           | SDI IN           |
| V1-3020             | SDI        | CAM-301       | SDI OUT        | WP-301             | CAMERA 1 VIDEO   |
| V1-3021             | SDI        | CAM-302       | SDI OUT        | WP-302             | CAMERA 2 VIDEO   |
| V1-3022             | SDI        | CAM-303       | SDI OUT        | WP-303             | CAMERA 3 VIDEO   |
| V1-3023             | SDI        | CAM-304       | SDI OUT        | WP-304             | CAMERA 4 VIDEO   |
| V1-3024             | SDI        | CAM-305       | SDI OUT        | WP-305             | CAMERA 5 VIDEO   |
| V1-3025             | SDI        | CAM-306       | SDI OUT        | WP-306             | CAMERA 6 VIDEO   |
| V1-3026             | SDI        | CAM-307       | SDI OUT        | WP-307             | CAMERA 7 VIDEO   |

| MP02 - POWER CABLES |            |               |             |                    |                  |
|---------------------|------------|---------------|-------------|--------------------|------------------|
| CABLE NAME          | CABLE TYPE | SOURCE DEVICE | SOURCE PORT | DESTINATION DEVICE | DESTINATION PORT |
| P1-3001             | PWR        | PWR-301       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3002             | PWR        | PWR-302       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3003             | PWR        | PWR-303       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3004             | PWR        | PWR-304       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3005             | PWR        | NET-301       | POWER       | PWR-301            | OUTLET 01        |
| P1-3006             | PWR        | DMF-301       | POWER       | PWR-301            | OUTLET 02        |
| P1-3007             | PWR        | CONV-310      | USB POWER   | PWR-301            | OUTLET 03        |
| P1-3008             | PWR        | CONV-309      | USB POWER   | PWR-301            | OUTLET 04        |
| P1-3009             | PWR        | NET-302       | POWER       | PWR-301            | OUTLET 05        |
| P1-3010             | PWR        | DMF-302       | POWER       | PWR-301            | OUTLET 06        |
| P1-3011             | PWR        | DMF-303       | POWER       | PWR-302            | OUTLET 01        |
| P1-3012             | PWR        | CONV-301      | USB POWER   | PWR-302            | OUTLET 02        |
| P1-3013             | PWR        | CONV-302      | USB POWER   | PWR-302            | OUTLET 03        |
| P1-3014             | PWR        | CONV-303      | USB POWER   | PWR-302            | OUTLET 04        |
| P1-3015             | PWR        | CONV-304      | USB POWER   | PWR-302            | OUTLET 05        |
| P1-3016             | PWR        | CONV-305      | USB POWER   | PWR-302            | OUTLET 06        |
| P1-3017             | PWR        | CONV-306      | USB POWER   | PWR-302            | OUTLET 07        |
| P1-3018             | PWR        | CONV-307      | USB POWER   | PWR-302            | OUTLET 08        |
| P1-3019             | PWR        | CONV-308      | USB POWER   | PWR-303            | OUTLET 01        |
| P1-3020             | PWR        | CONV-311      | USB POWER   | PWR-303            | OUTLET 05        |
| P1-3021             | PWR        | CONV-312      | USB POWER   | PWR-303            | OUTLET 02        |
| P1-3022             | PWR        | CONV-313      | USB POWER   | PWR-303            | OUTLET 06        |
| P1-3023             | PWR        | CONV-314      | USB POWER   | PWR-303            | OUTLET 03        |
| P1-3024             | PWR        | CONV-315      | USB POWER   | PWR-303            | OUTLET 07        |
| P1-3025             | PWR        | CONV-316      | USB POWER   | PWR-303            | OUTLET 04        |
| P1-3026             | PWR        | CONV-317      | USB POWER   | PWR-303            | OUTLET 08        |
| P1-3027             | PWR        | SBOX-301      | POWER 1     | PWR-304            | OUTLET 01        |
| P1-3028             | PWR        | SBOX-301      | POWER 2     | PWR-304            | OUTLET 02        |
| P1-3029             | PWR        | SBOX-302      | POWER 2     | PWR-304            | OUTLET 03        |
| P1-3030             | PWR        | SBOX-302      | POWER 1     | PWR-304            | OUTLET 04        |
| P1-3031             | PWR        | AMP-301       | POWER       | PWR-304            | OUTLET 05        |
| P1-3032             | PWR        | AFX-301       | POWER       | PWR-304            | OUTLET 06        |
| P1-3033             | PWR        | DSP-301       | POWER       | PWR-304            | OUTLET 07        |
| P1-3034             | PWR        | PROJ-301      | POWER       | BUILDING POWER     | AC 120V          |
| P1-3035             | PWR        | PROJ-302      | POWER       | BUILDING POWER     | AC 120V          |
| P1-3036             | PWR        | PROJ-303      | POWER       | BUILDING POWER     | AC 120V          |
| P1-3037             | PWR        | LCD-302       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3038             | PWR        | PODIUM        | POWER       | BUILDING POWER     | AC 120V          |
| P1-3039             | PWR        | LCD-301       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3040             | PWR        | AMIX-301      | POWER       | BUILDING POWER     | AC 120V          |
| P1-3041             | PWR        | DGE-301       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3042             | PWR        | TP-301        | POWER       | BUILDING POWER     | AC 120V          |
| P1-3043             | PWR        | PTZC-301      | POWER       | BUILDING POWER     | AC 120V          |
| P1-3044             | PWR        | SPK-316       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3045             | PWR        | LCD-303       | POWER       | BUILDING POWER     | AC 120V          |
| P1-3046             | PWR        | LCD-304       | POWER       | BUILDING POWER     | AC 120V          |

NOTES:

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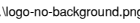
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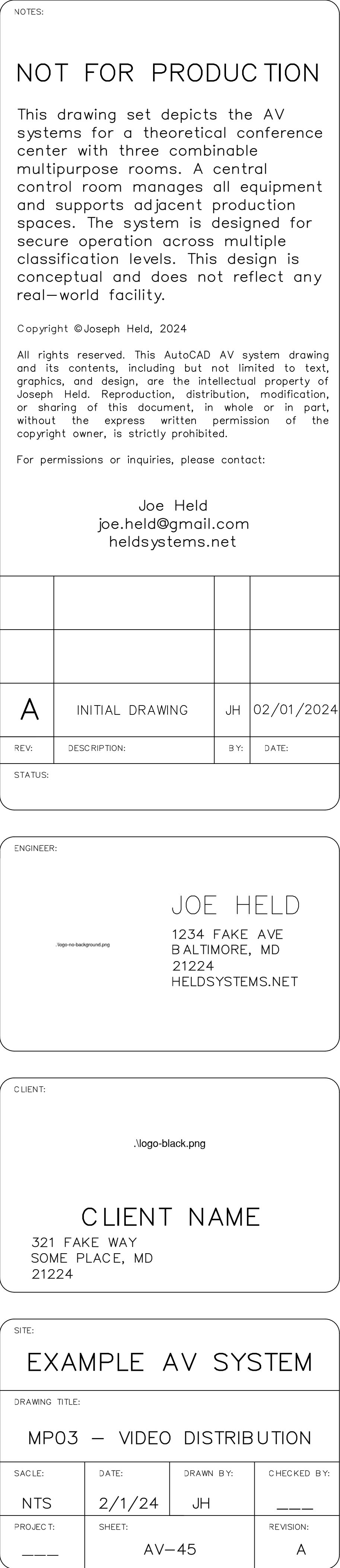
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|                                              |        |           |             |
|----------------------------------------------|--------|-----------|-------------|
| SITE:<br>EXAMPLE AV SYSTEM                   |        |           |             |
| DRAWING TITLE:<br>MP03 – CABLE SCHEDULE(2/2) |        |           |             |
| SACLE:                                       | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS                                          | 2/1/24 | JH        | ----        |
| PROJECT:                                     | SHEET: | REVISION: |             |
| ----                                         | AV-44  | A         |             |



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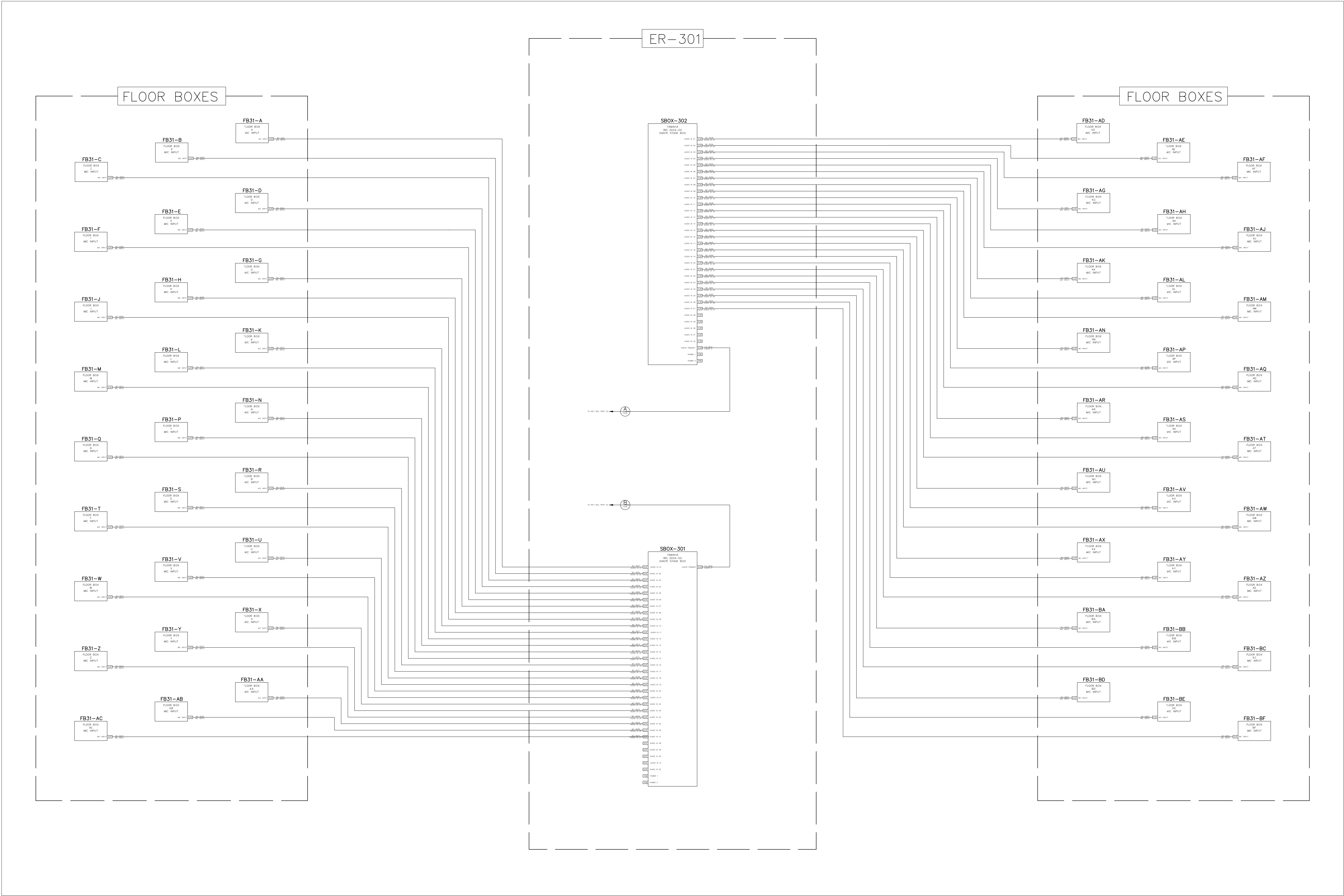
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21224

SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:  
MP03 – VIDEO DISTRIBUTION

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| _____    | AV-45  | A         |             |



NOTES:

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SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP03 – FLOOR BOXES

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|----------|--------|-----------|-------------|
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| ---      | AV-46  | A         |             |

NOTES:

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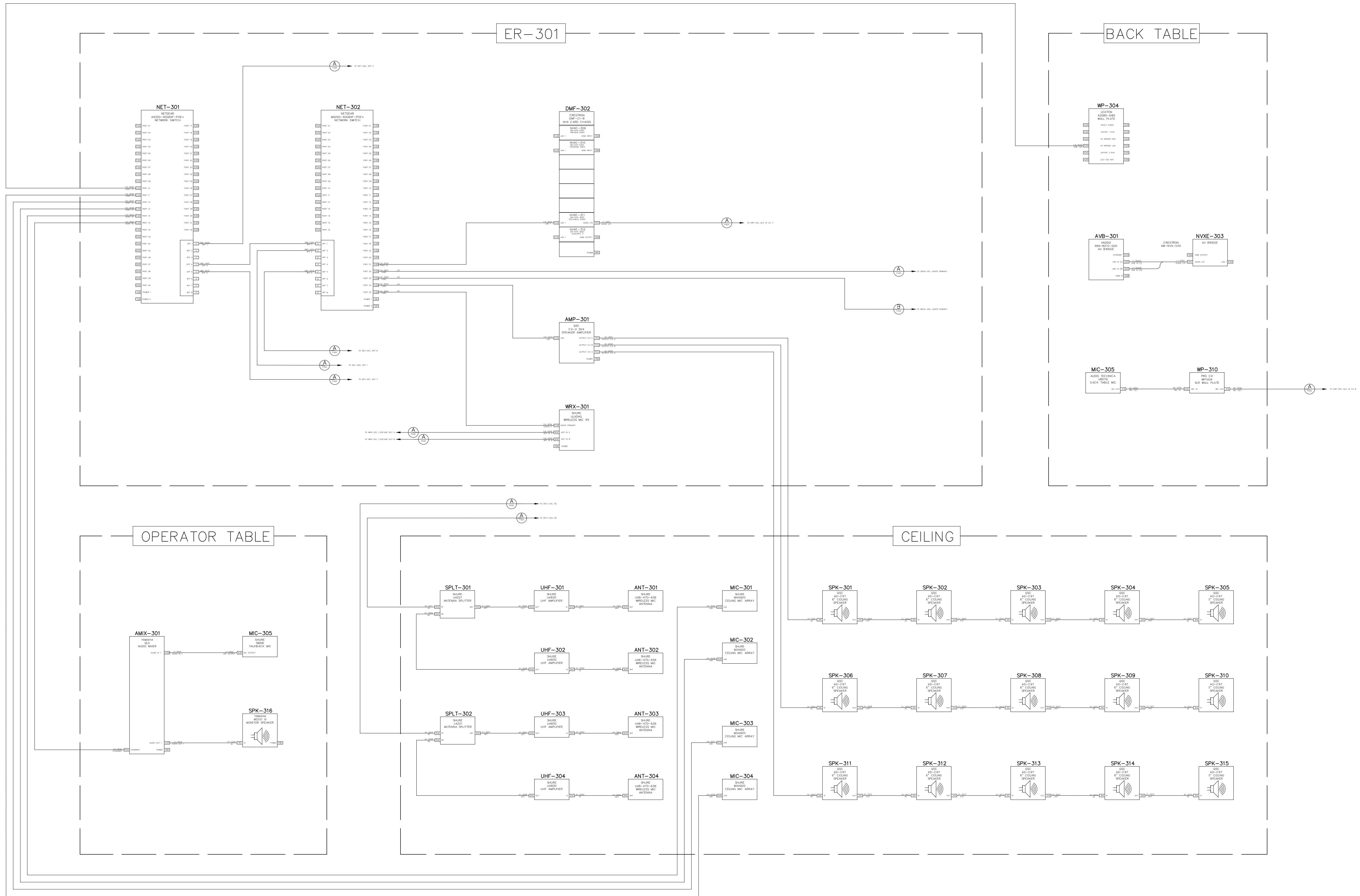
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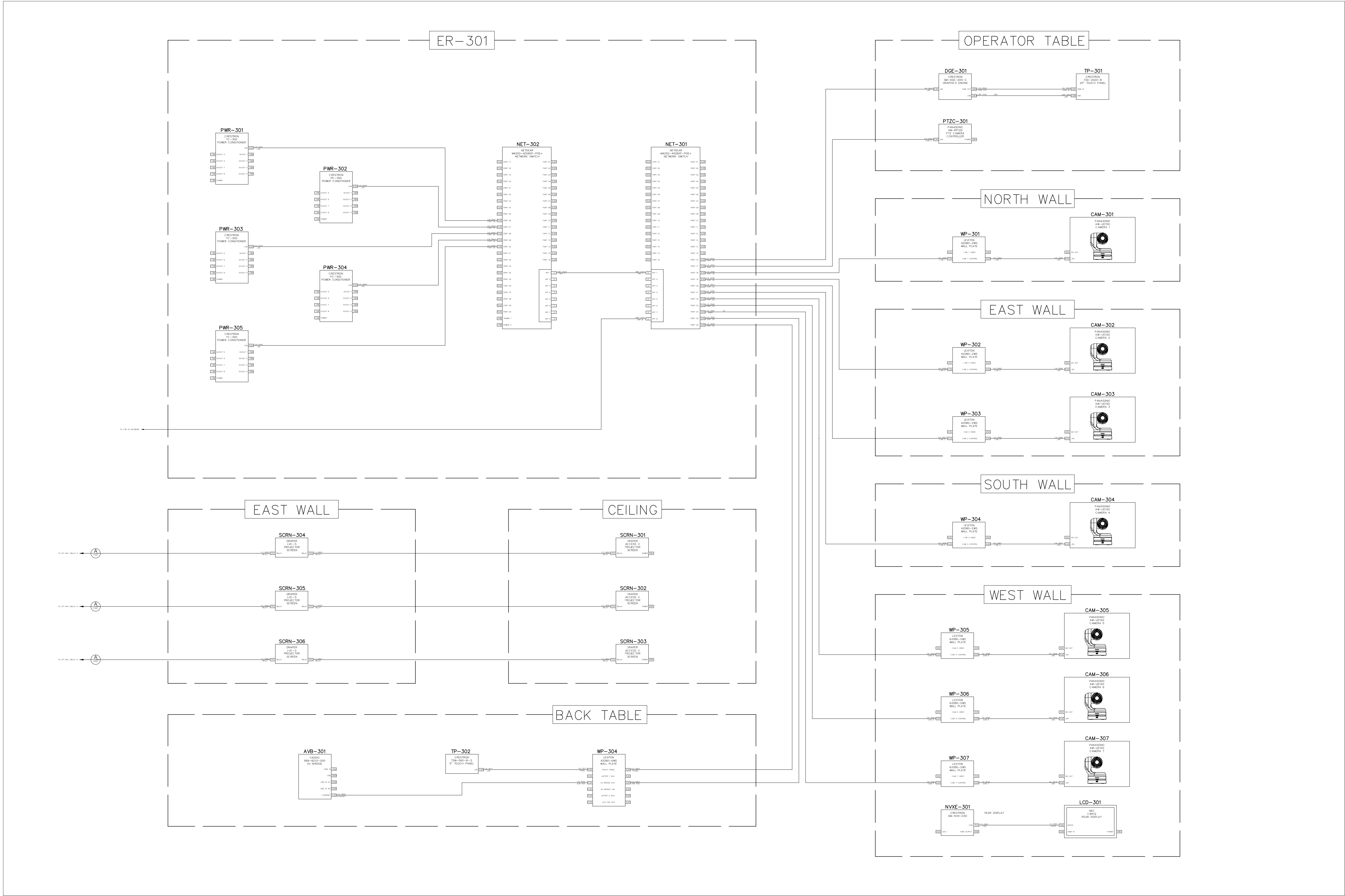
## EXAMPLE AV SYSTEM

DRAWING TITLE:

## MP03 – AUDIO DISTRIBUTION

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|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| PROJECT: | SHEET: |           | REVISION:   |
| ---      | AV-47  |           | A           |





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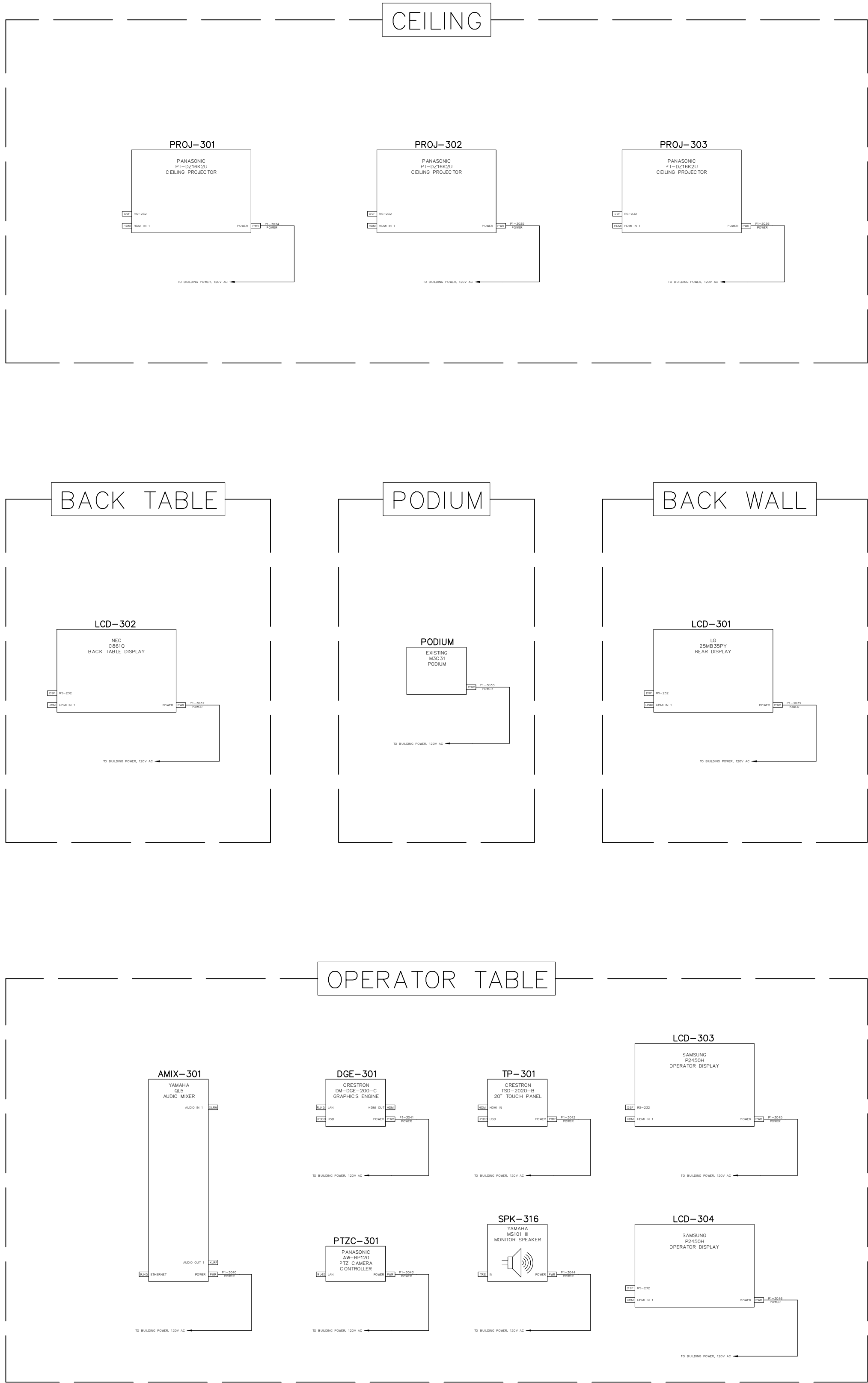
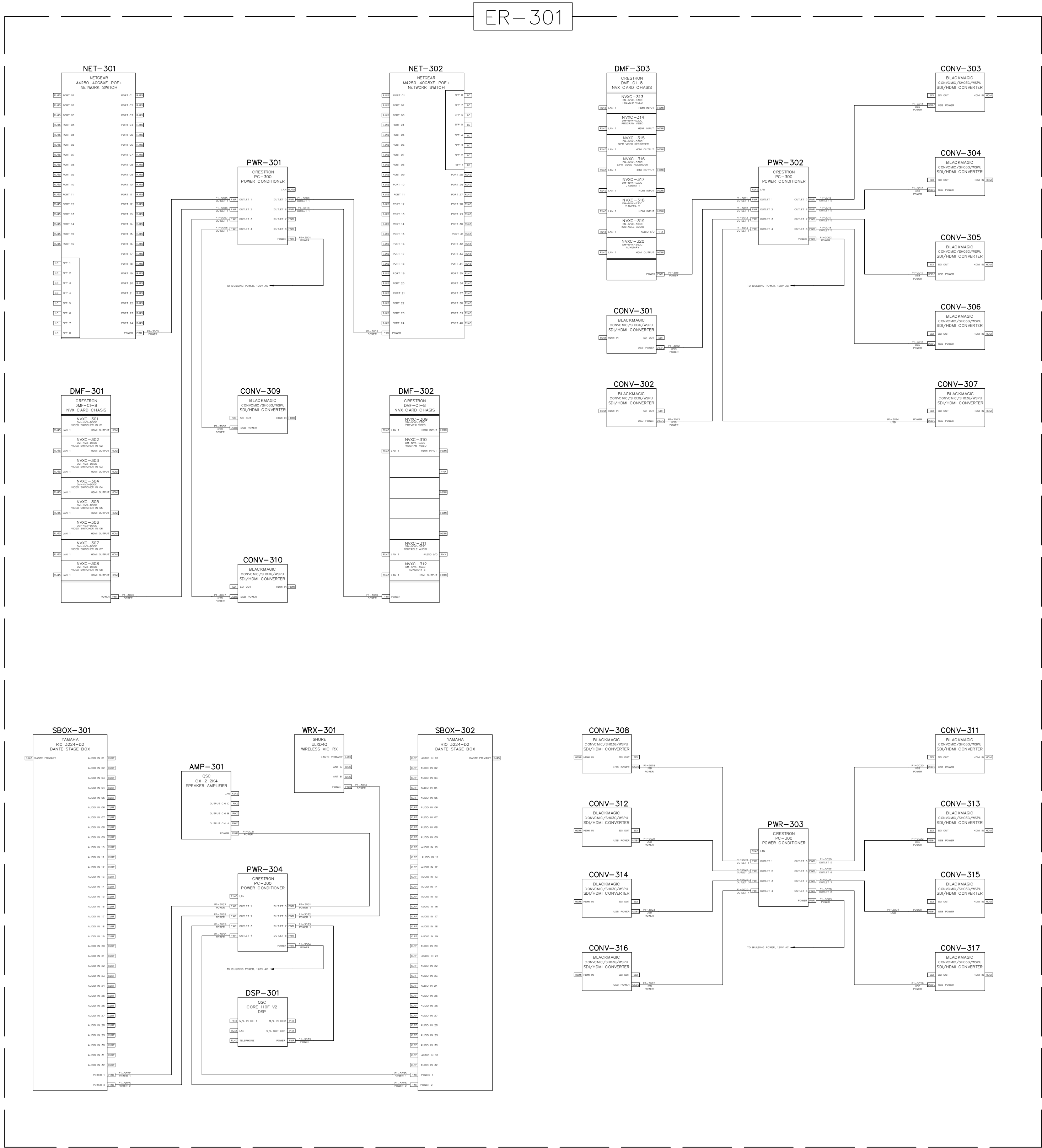
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP03 – NETWORK/CONTROL

|          |        |           |             |
|----------|--------|-----------|-------------|
| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
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| PROJECT: | SHEET: | REVISION: |             |
| ---      | AV-48  | A         |             |



NOTES:

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SITE:

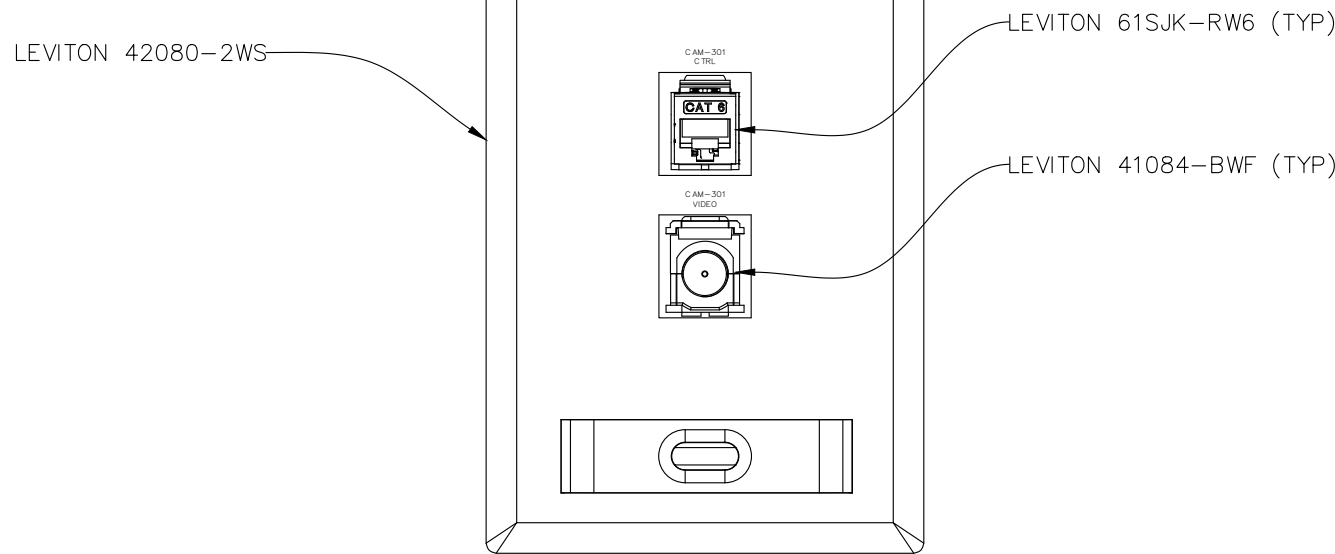
## EXAMPLE AV SYSTEM

DRAWING TITLE:

### MP03 – POWER DISTRIBUTION

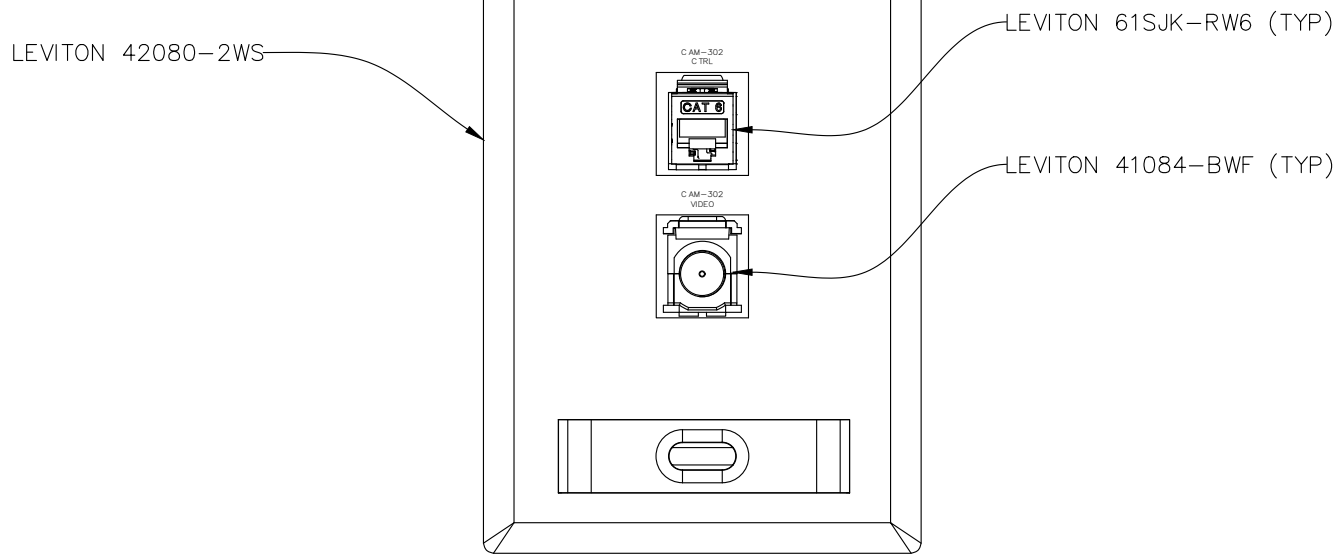
|          |        |           |             |
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| SACLE:   | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS      | 2/1/24 | JH        | ---         |
| PROJECT: | SHEET: | REVISION: |             |
| AV-49    |        | A         |             |

WP-301



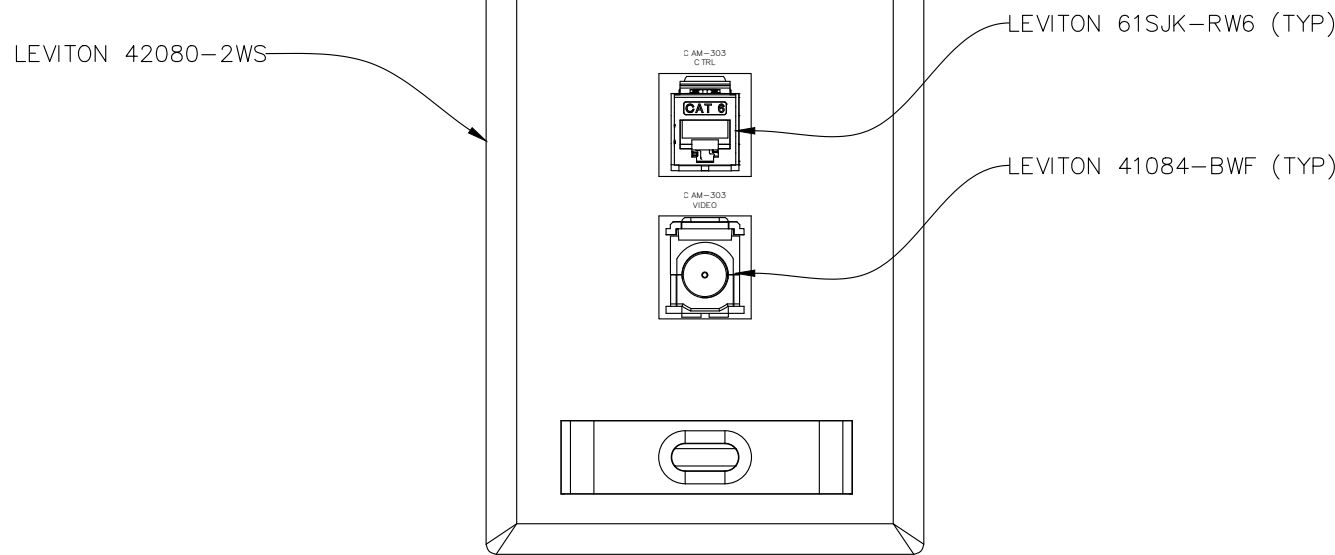
NORTH WALL – CAMERA 1  
(CAM-301)

WP-302



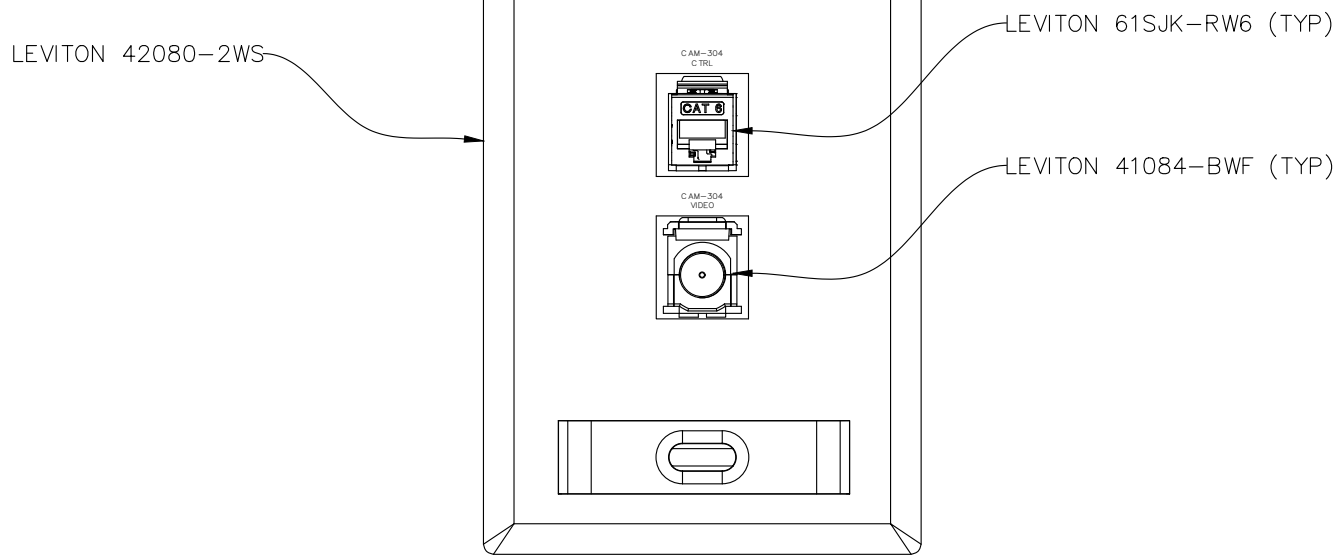
EAST WALL – CAMERA 2  
(CAM-302)

WP-303



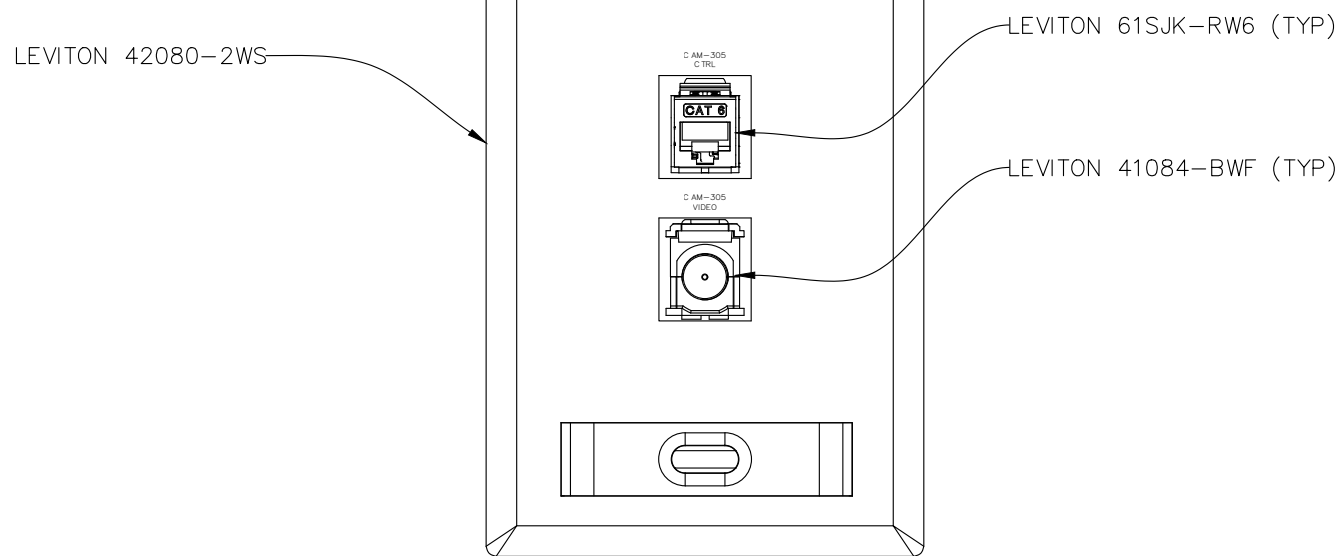
EAST WALL – CAMERA 3  
(CAM-303)

WP-304



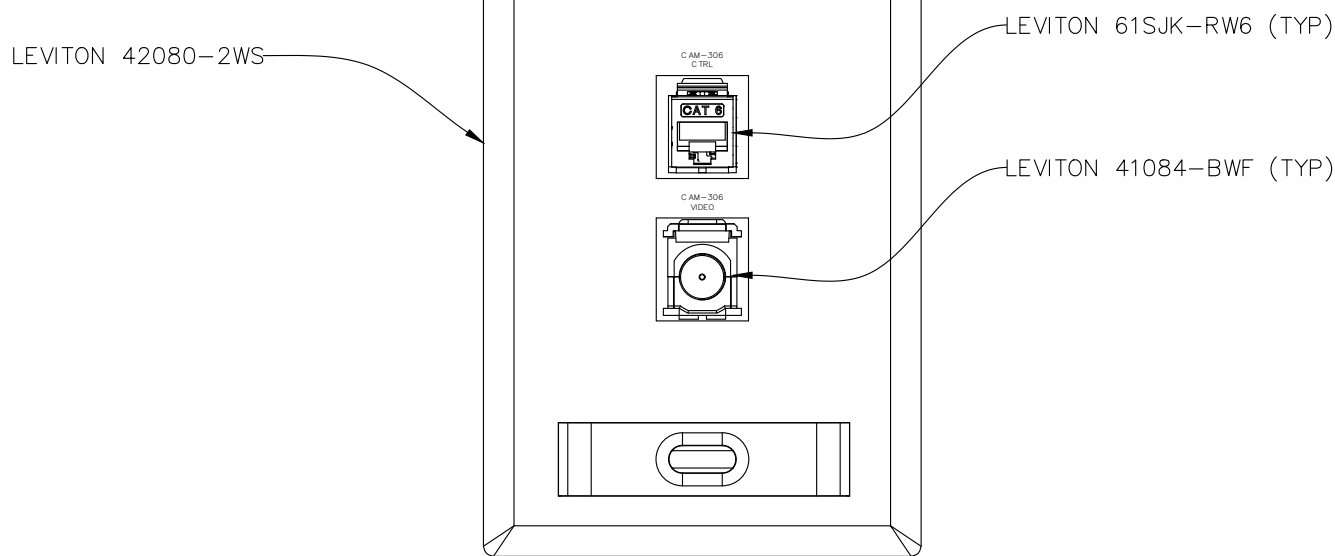
SOUTH WALL – CAMERA 4  
(CAM-304)

WP-305



WEST WALL – CAMERA 5  
(CAM-305)

WP-306



WEST WALL – CAMERA 6  
(CAM-306)

NOTES:

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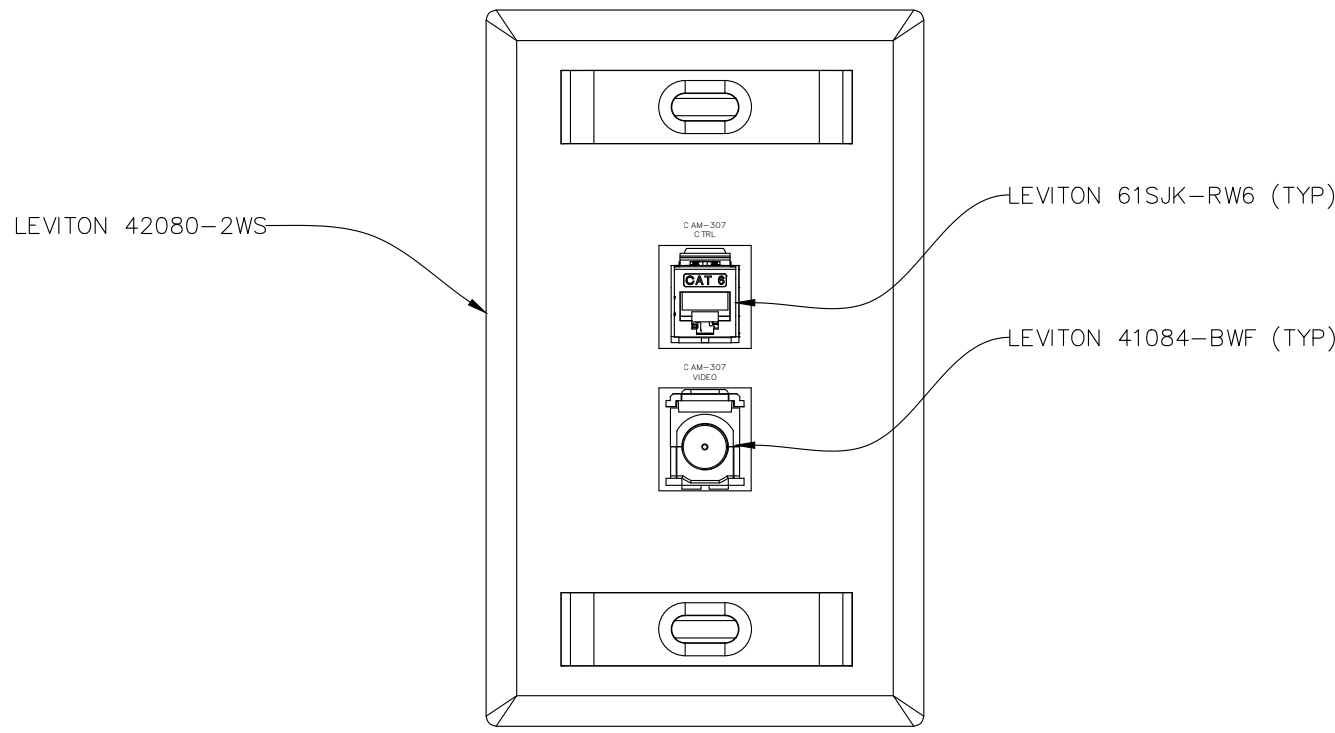
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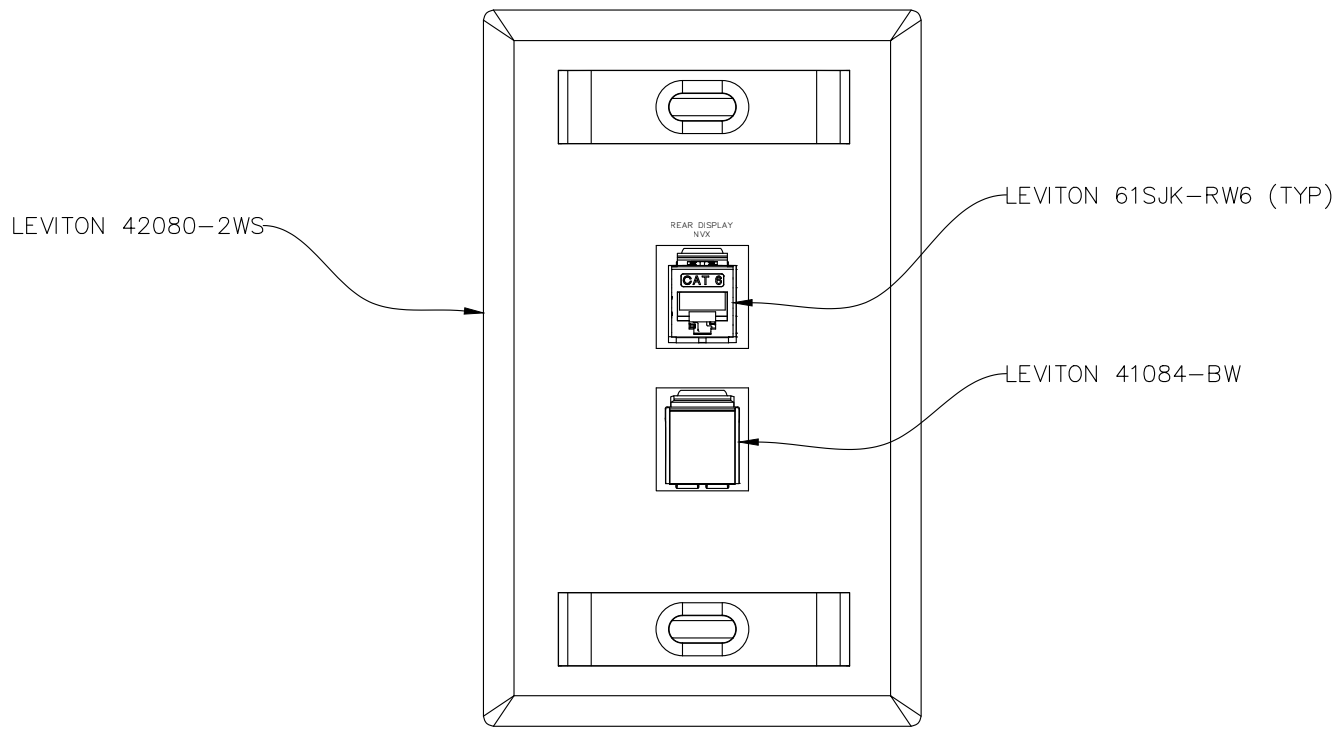
|                                             |                 |                 |                      |
|---------------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM                  |                 |                 |                      |
| DRAWING TITLE:<br>MP03 – PLATE & PANEL(1/2) |                 |                 |                      |
| SACLE:<br>NTS                               | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>_____ |
| PROJECT:<br>_____                           | SHEET:<br>AV-50 |                 | REVISION:<br>A       |

WP-307



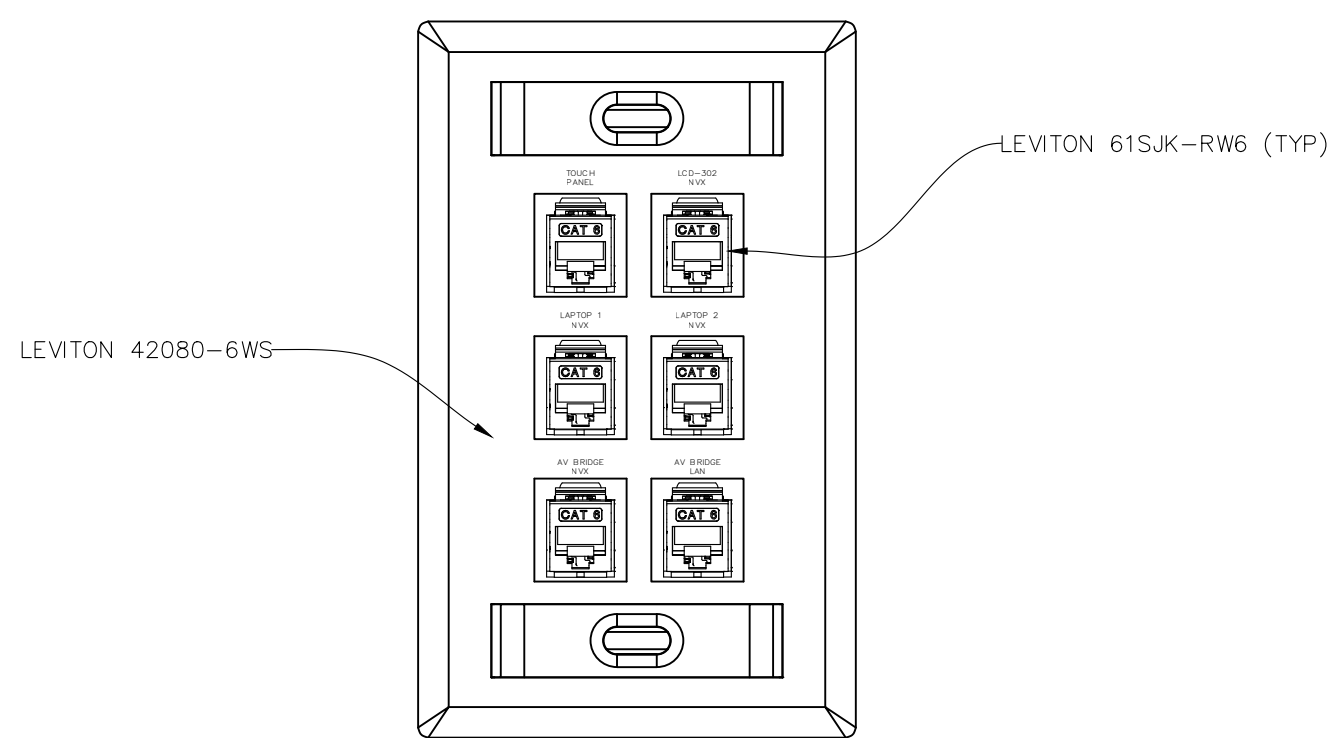
WEST WALL – CAMERA 7  
(CAM-307)

WP-308



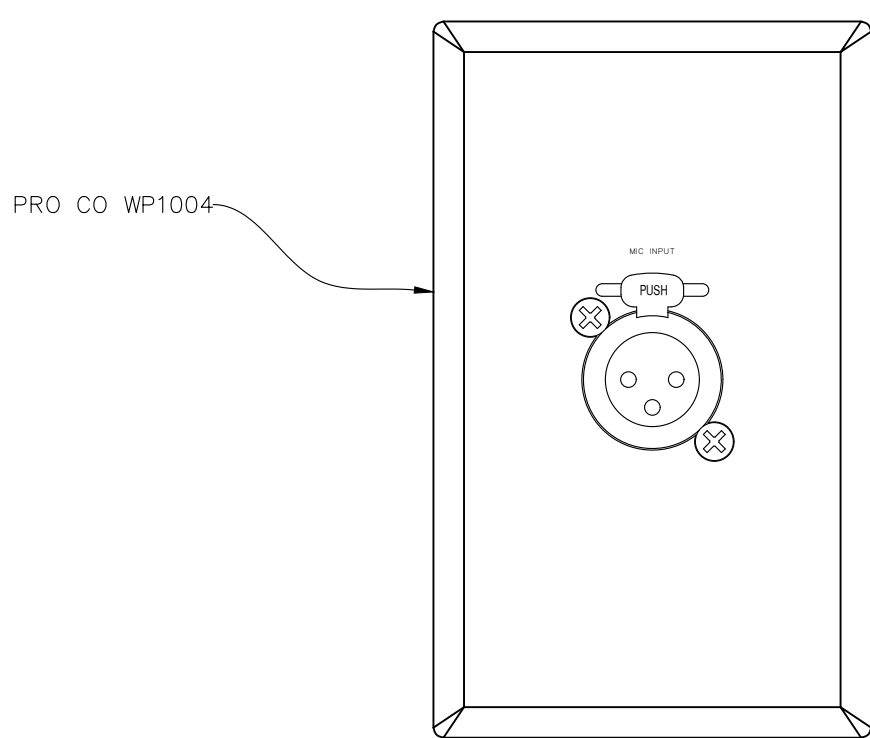
BACK WALL – REAR DISPLAY  
(LCD-301)

WP-309



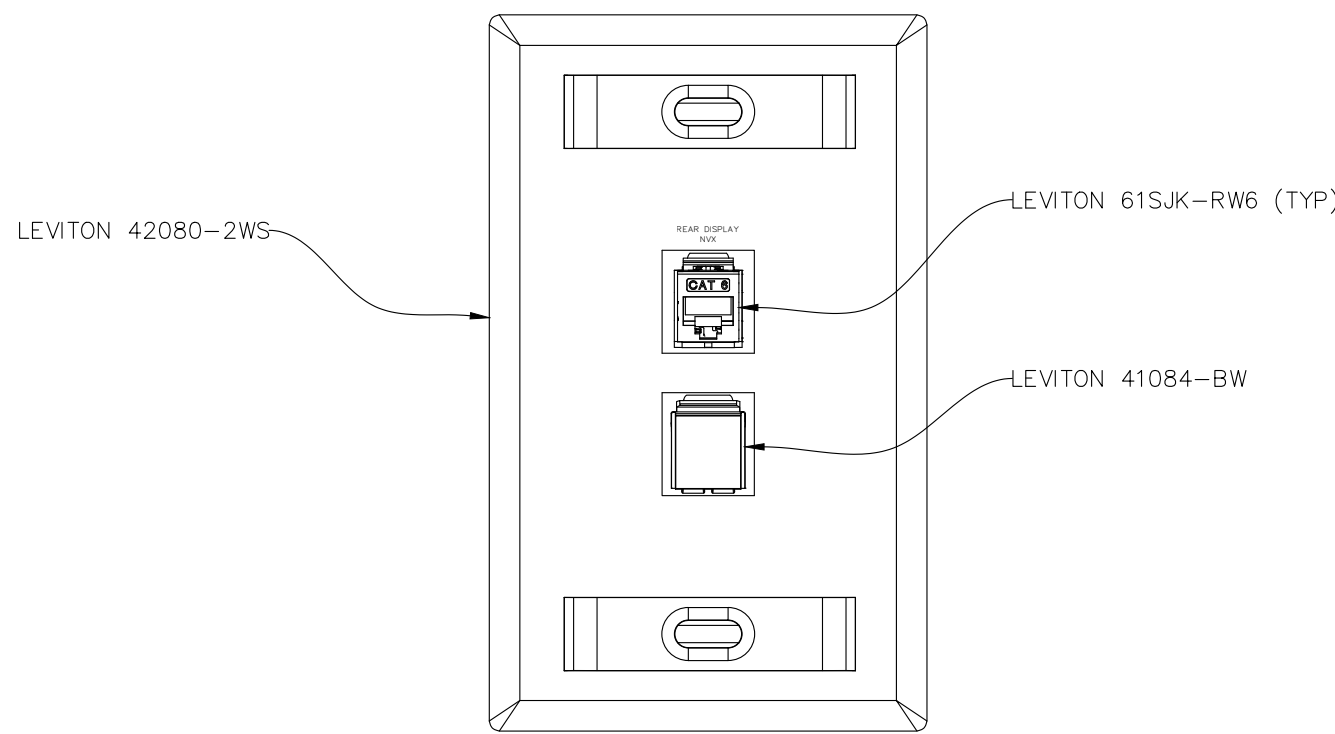
BACK TABLE

WP-310



BACK TABLE – MIC INPUT

FB-301



PODIUM INPUT

NOTES:

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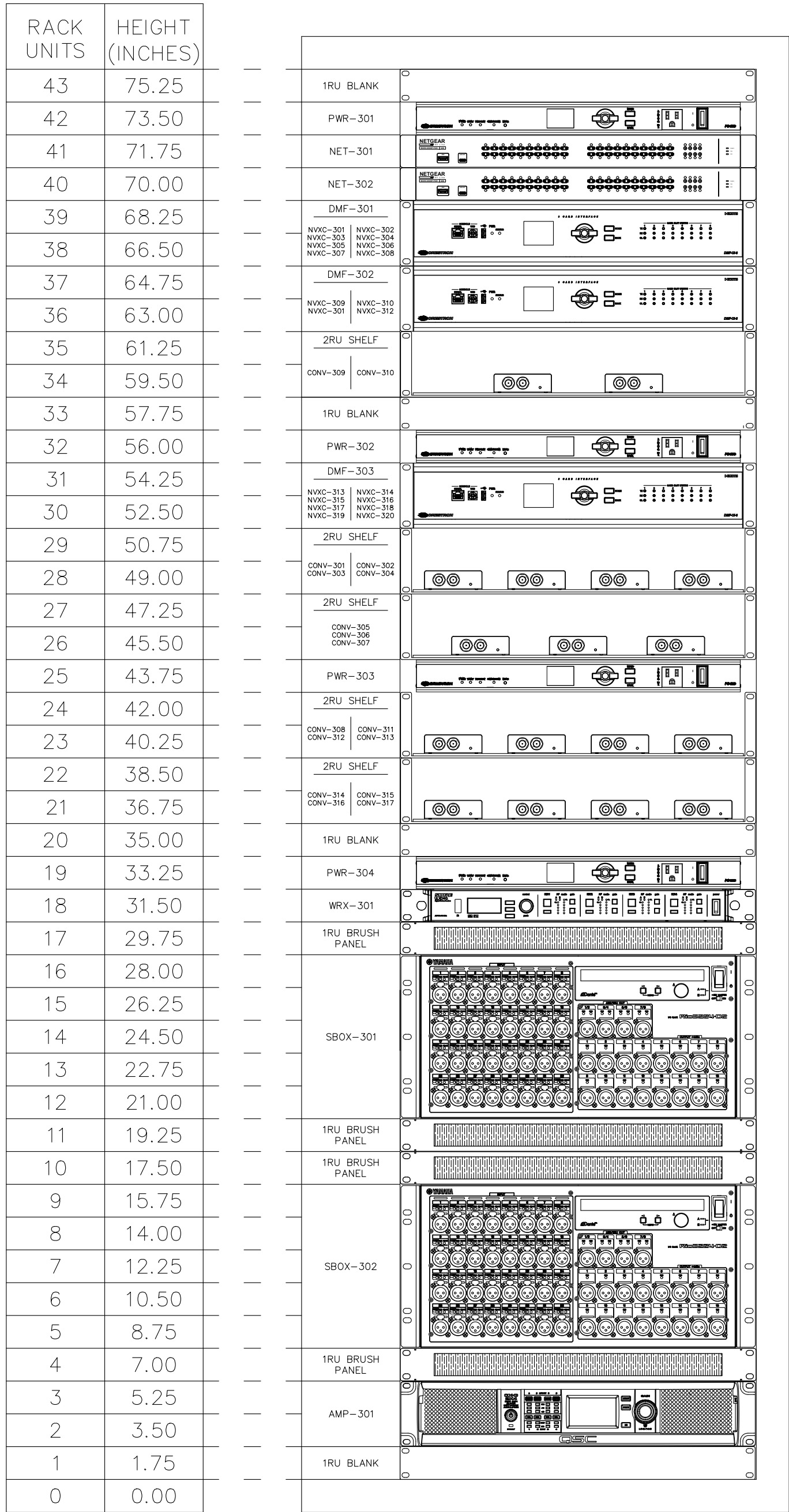
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|                                             |                 |                 |                    |
|---------------------------------------------|-----------------|-----------------|--------------------|
| SITE:<br>EXAMPLE AV SYSTEM                  |                 |                 |                    |
| DRAWING TITLE:<br>MP03 – PLATE & PANEL(2/2) |                 |                 |                    |
| SACLE:<br>NTS                               | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>___ |
| PROJECT:<br>___                             | SHEET:<br>AV-51 | REVISION:<br>A  |                    |

# ER-301



MP03 – ER-301  
RACK ELEVATION

NOTES:

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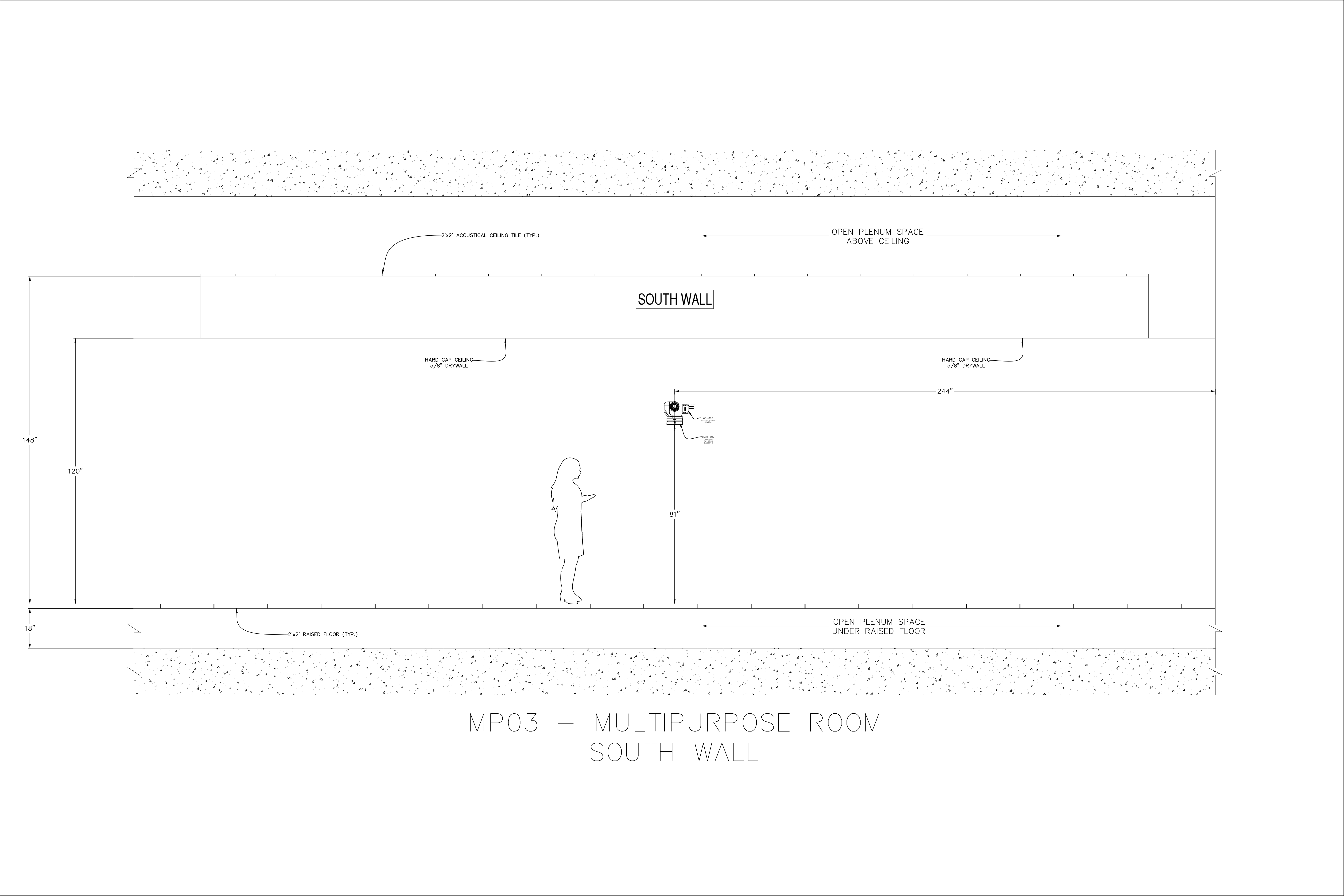
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| SITE:                      |        |           |             |
| EXAMPLE AV SYSTEM          |        |           |             |
| DRAWING TITLE:             |        |           |             |
| MP03 ER-301 RACK ELEVATION |        |           |             |
| SACLE:                     | DATE:  | DRAWN BY: | CHECKED BY: |
| NTS                        | 2/1/24 | JH        | ---         |
| PROJECT:                   | SHEET: | REVISION: |             |
| ---                        | AV-52  | A         |             |



MP03 – MULTIPURPOSE ROOM  
SOUTH WALL

NOTES:

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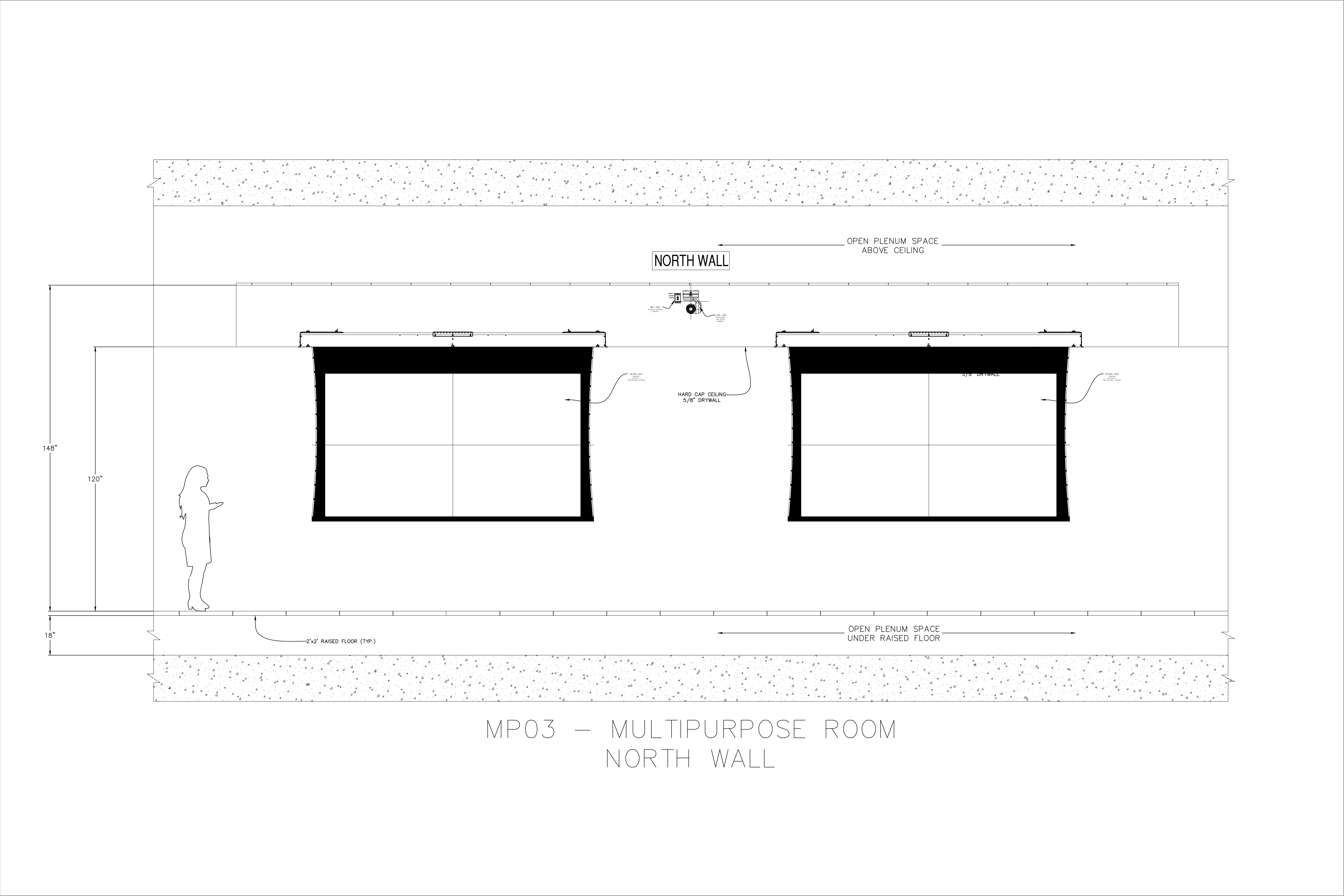
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|                                               |                 |                 |                      |
|-----------------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM                    |                 |                 |                      |
| DRAWING TITLE:<br>MP03 – SOUTH WALL ELEVATION |                 |                 |                      |
| SACLE:<br>NTS                                 | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>_____ |
| PROJECT:<br>_____                             | SHEET:<br>AV-53 |                 | REVISION:<br>A       |



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| A       | INITIAL DRAWING | JH  | 02/01/2024 |
| REV:    | DESCRIPTION:    | BY: | DATE:      |
| STATUS: |                 |     |            |

ENGINEER:

.logo-no-background.png

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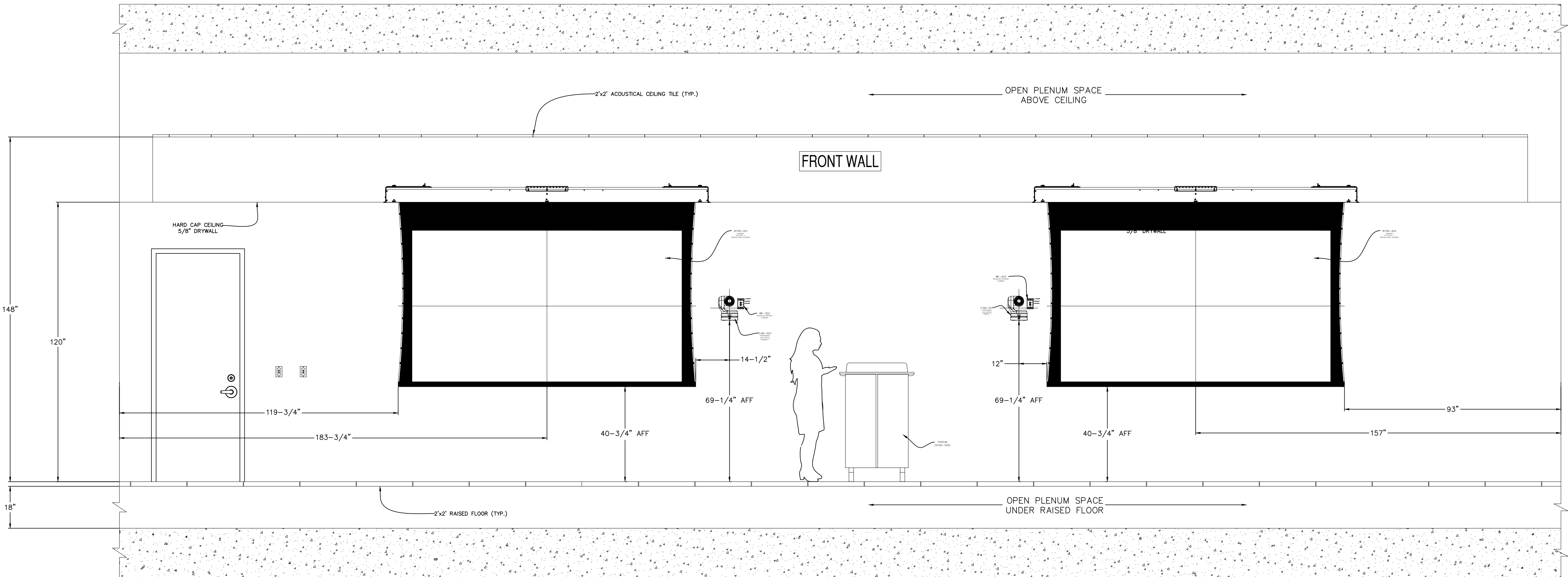
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP03 – NORTH WALL ELEVATION

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| ---      | AV-54  | A         |             |



MP03 – MULTIPURPOSE ROOM  
FRONT WALL

NOTES:

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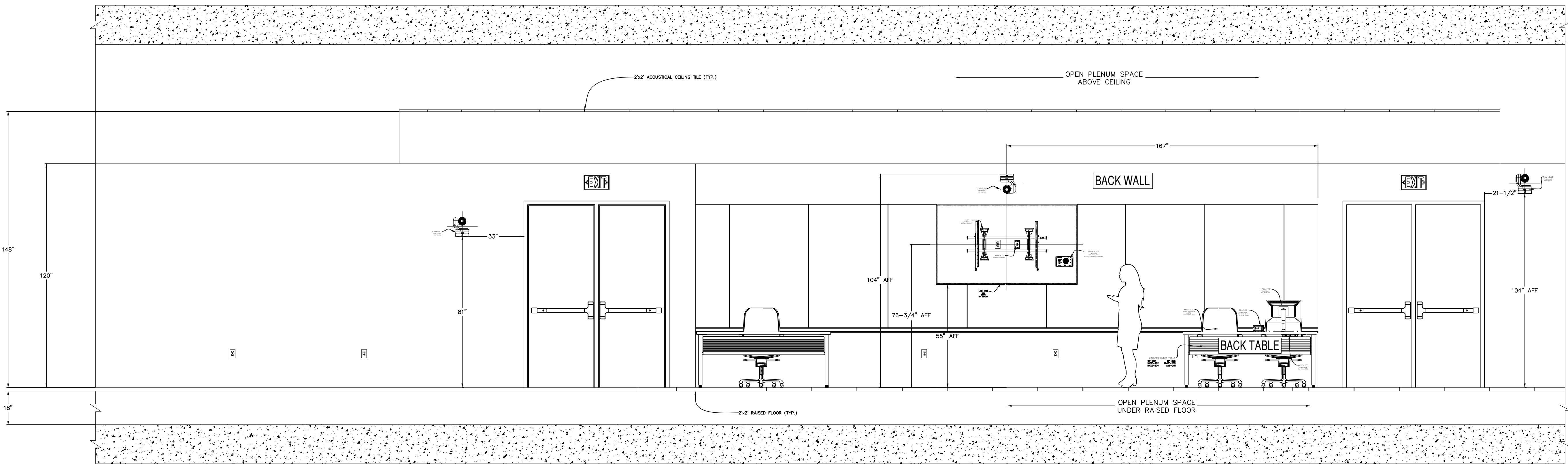
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|         | CLIENT NAME<br>321 FAKE WAY<br>SOME PLACE, MD<br>21224 |

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| SITE:          | EXAMPLE AV SYSTEM           |           |             |
| DRAWING TITLE: | MP03 – FRONT WALL ELEVATION |           |             |
| SACLE:         | DATE:                       | DRAWN BY: | CHECKED BY: |
| NTS            | 2/1/24                      | JH        | ---         |
| PROJECT:       | SHEET:                      | REVISION: |             |
| ---            | AV-55                       | A         |             |



MP03 – MULTIPURPOSE ROOM  
BACK WALL

NOTES:

NOT FOR PRODUCTION

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ENGINEER:

JOE HELD

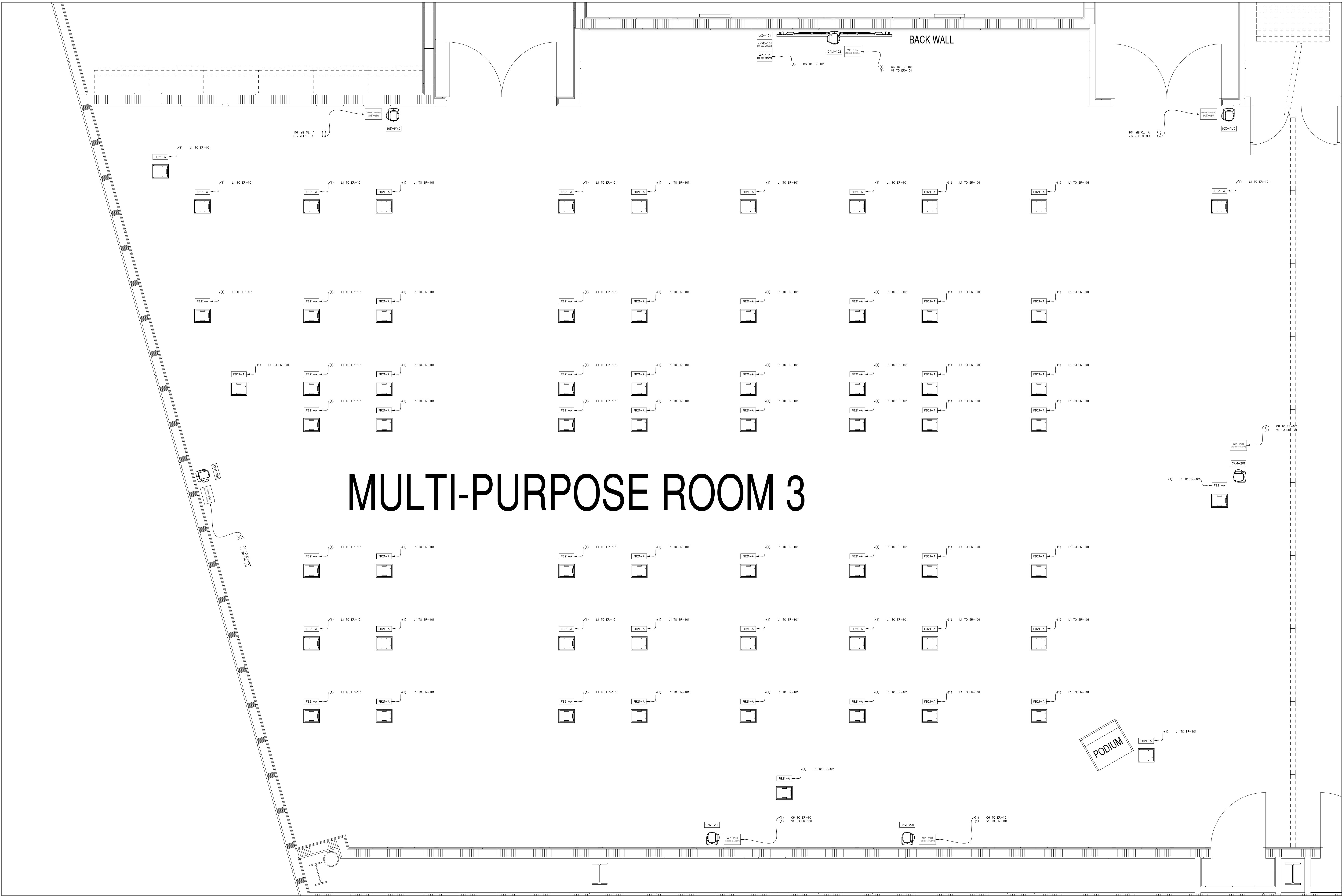
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CLIENT:

CLIENT NAME

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SOME PLACE, MD  
21224

|                                              |                 |                 |                      |
|----------------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM                   |                 |                 |                      |
| DRAWING TITLE:<br>MP03 – BACK WALL ELEVATION |                 |                 |                      |
| SACLE:<br>NTS                                | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>_____ |
| PROJECT:<br>_____                            | SHEET:<br>AV-56 | REVISION:<br>A  |                      |



# MULTI-PURPOSE ROOM 3

NOTES:

## NOT FOR PRODUCTION

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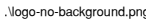
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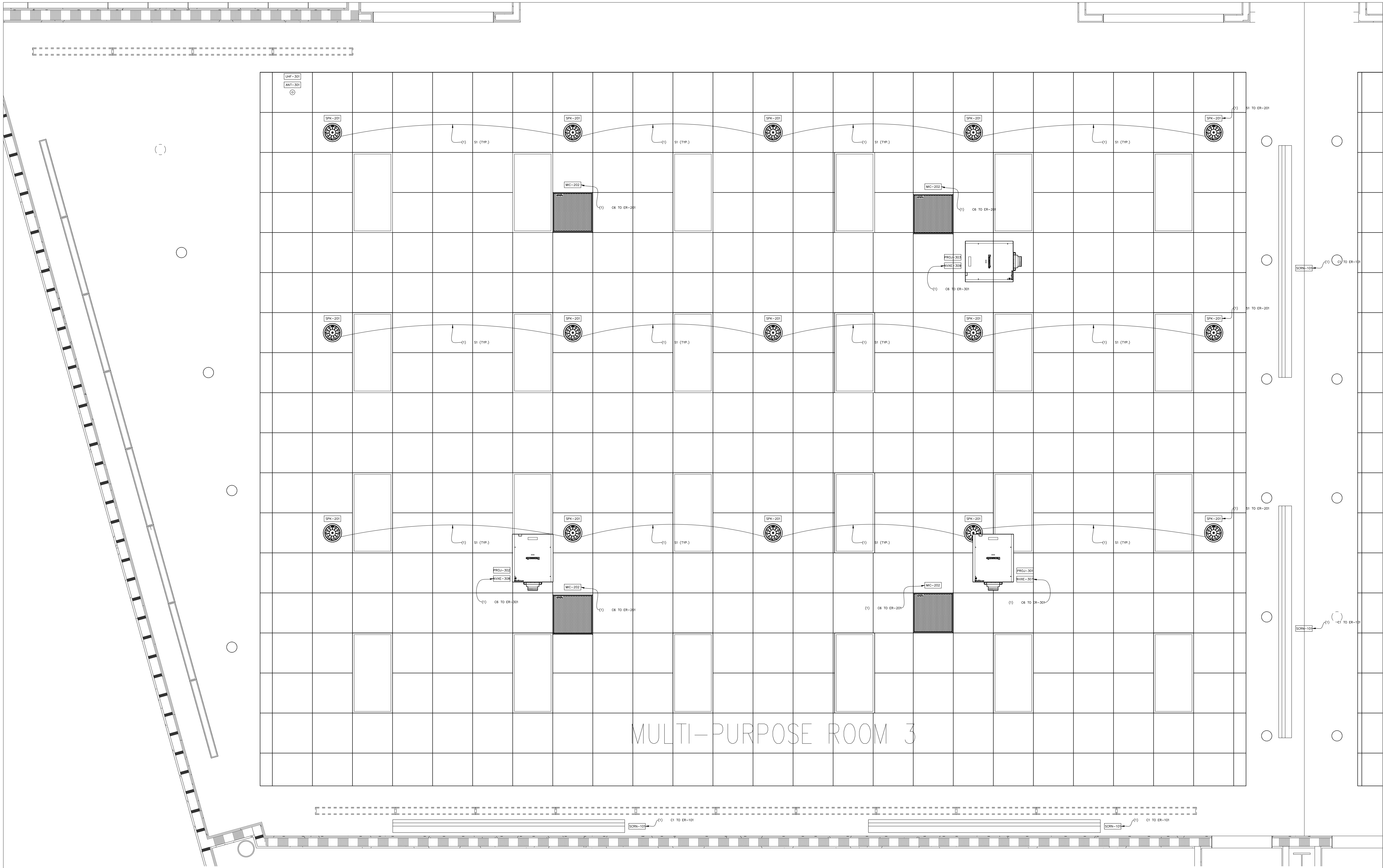
ENGINEER:

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CLIENT:

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321 FAKE WAY  
SOME PLACE, MD  
21224

|                                        |                 |                 |                      |
|----------------------------------------|-----------------|-----------------|----------------------|
| SITE:<br>EXAMPLE AV SYSTEM             |                 |                 |                      |
| DRAWING TITLE:<br>MP03 – FACILITY PLAN |                 |                 |                      |
| SACLE:<br>NTS                          | DATE:<br>2/1/24 | DRAWN BY:<br>JH | CHECKED BY:<br>_____ |
| PROJECT:<br>_____                      | SHEET:<br>AV-57 | REVISION:<br>A  |                      |



NOTES:

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21224

SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP03 – REFLECTED CEILING PLAN

|          |        |           |             |
|----------|--------|-----------|-------------|
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| ---      | AV-58  | A         |             |