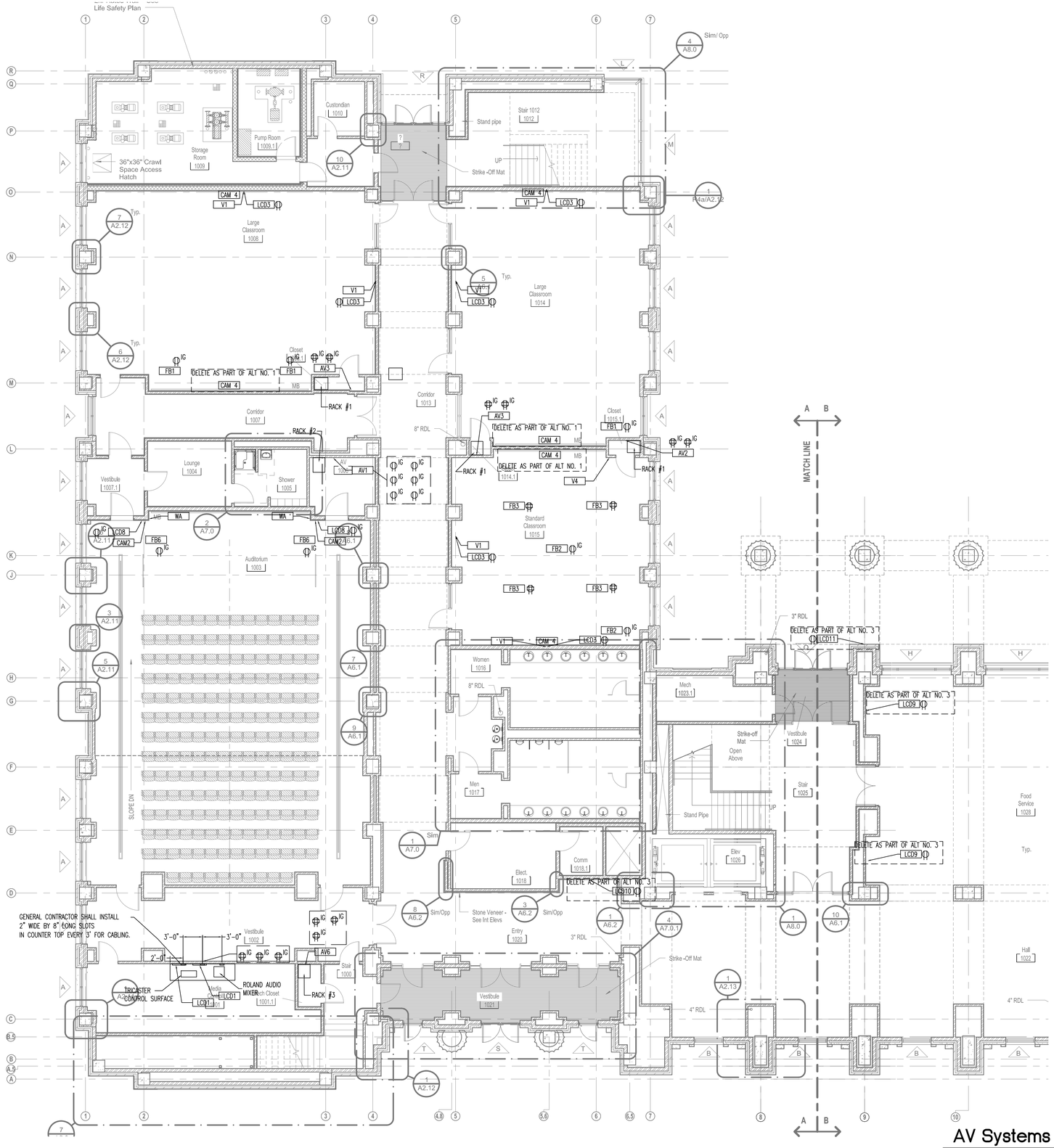

AV Systems First Floor Plan - Part A

1/8" = 1'-0"

CONSULTANTS

PROFESSIONAL SEALS

PROJECT TITLE

COLLEGE OF BUSINESS BUILDING

THE UNIVERSITY OF SOUTHERN MISSISSIPPI

ISSUE

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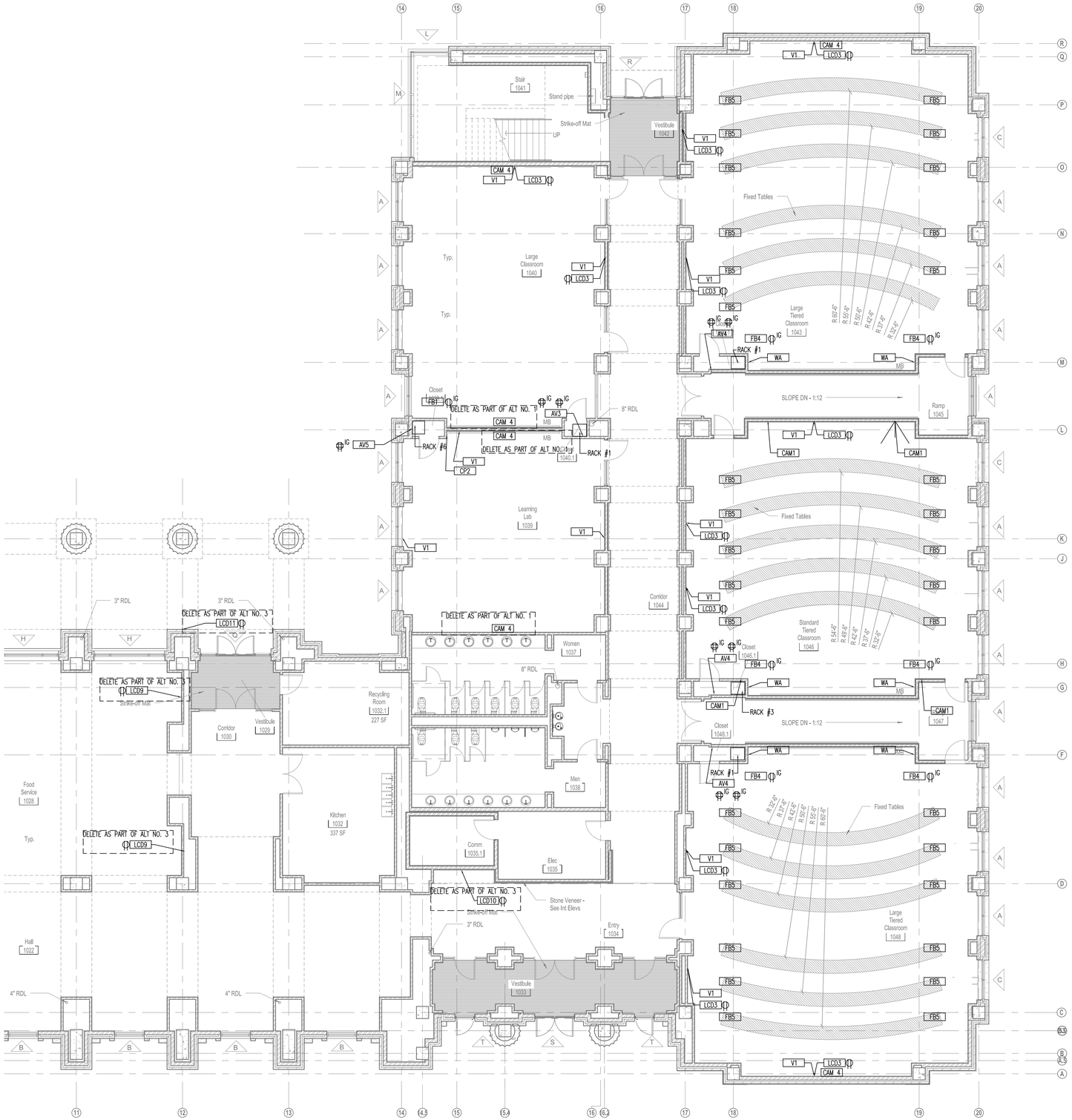
AV SYSTEMS FIRST FLOOR PLAN - Part A

AV1-1



AV Systems First Floor Plan - Part B

1/8" = 1'-0"

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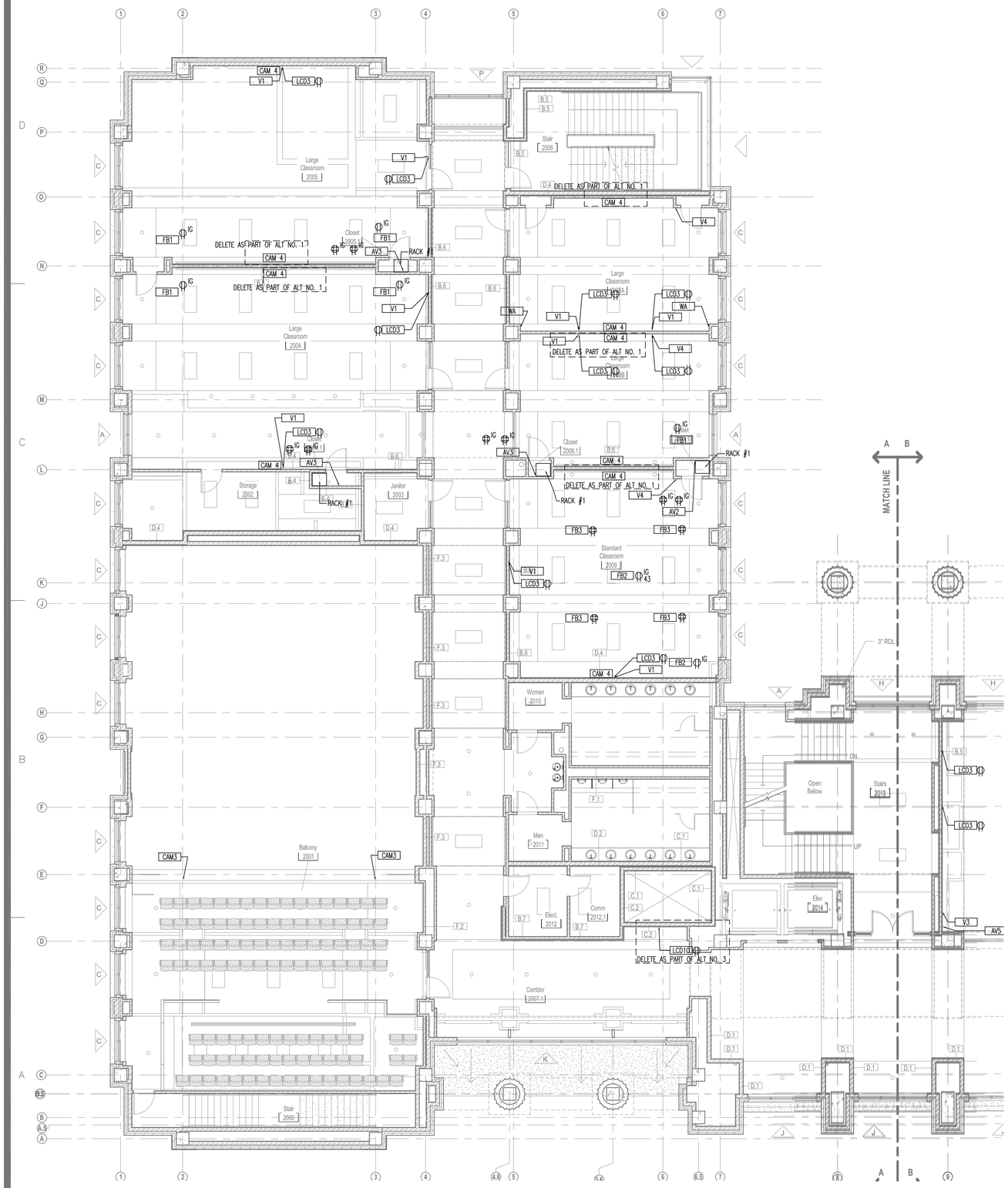
AV SYSTEMS
FIRST FLOOR
PLAN - Part B

AV1-2



AV Systems Second Floor Plan - Part A

1/8" = 1'-0"

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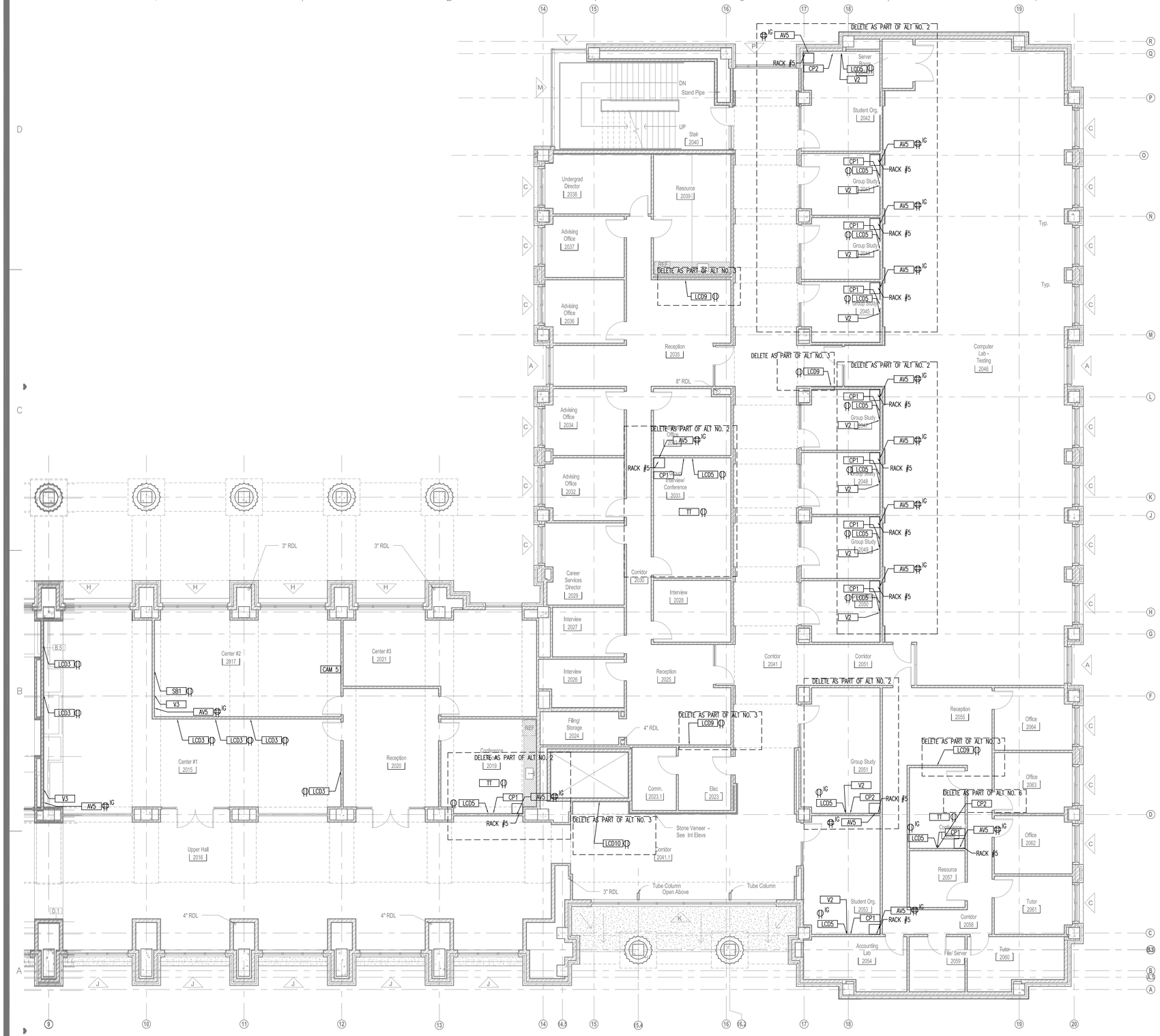
AV SYSTEMS SECOND FLOOR PLAN - Part A

AV1-3



AV Systems Second Floor Plan - Part B

1/8" = 1'-0"

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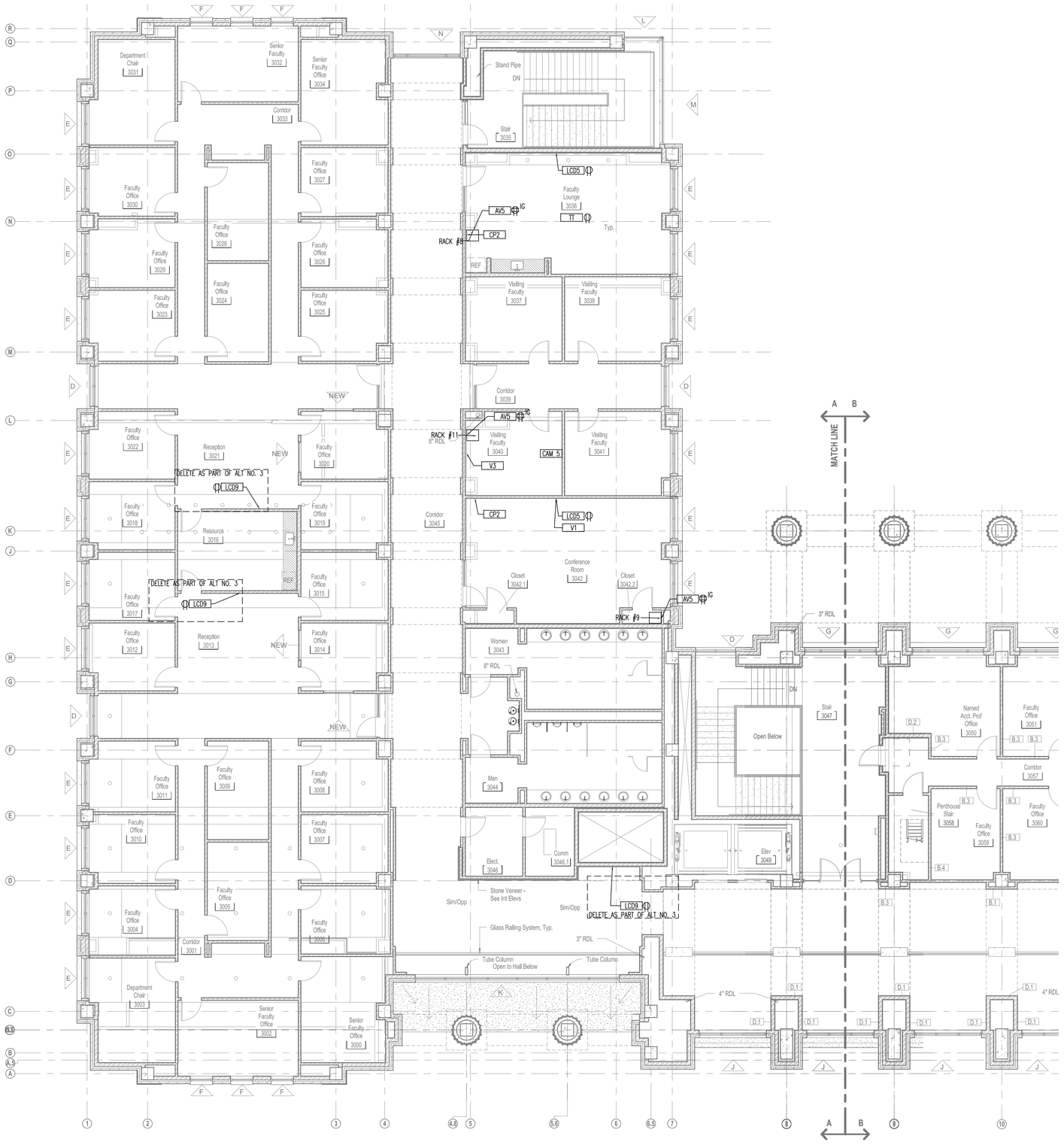
AV SYSTEMS SECOND FLOOR PLAN - Part A

AV1-4



AV Systems Third Floor Plan - Part A

1/8" = 1'-0"

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AV SYSTEMS THIRD FLOOR PLAN - Part A

AV1-5

AV Systems Third Floor Plan - Part B

1/8" = 1'-0"

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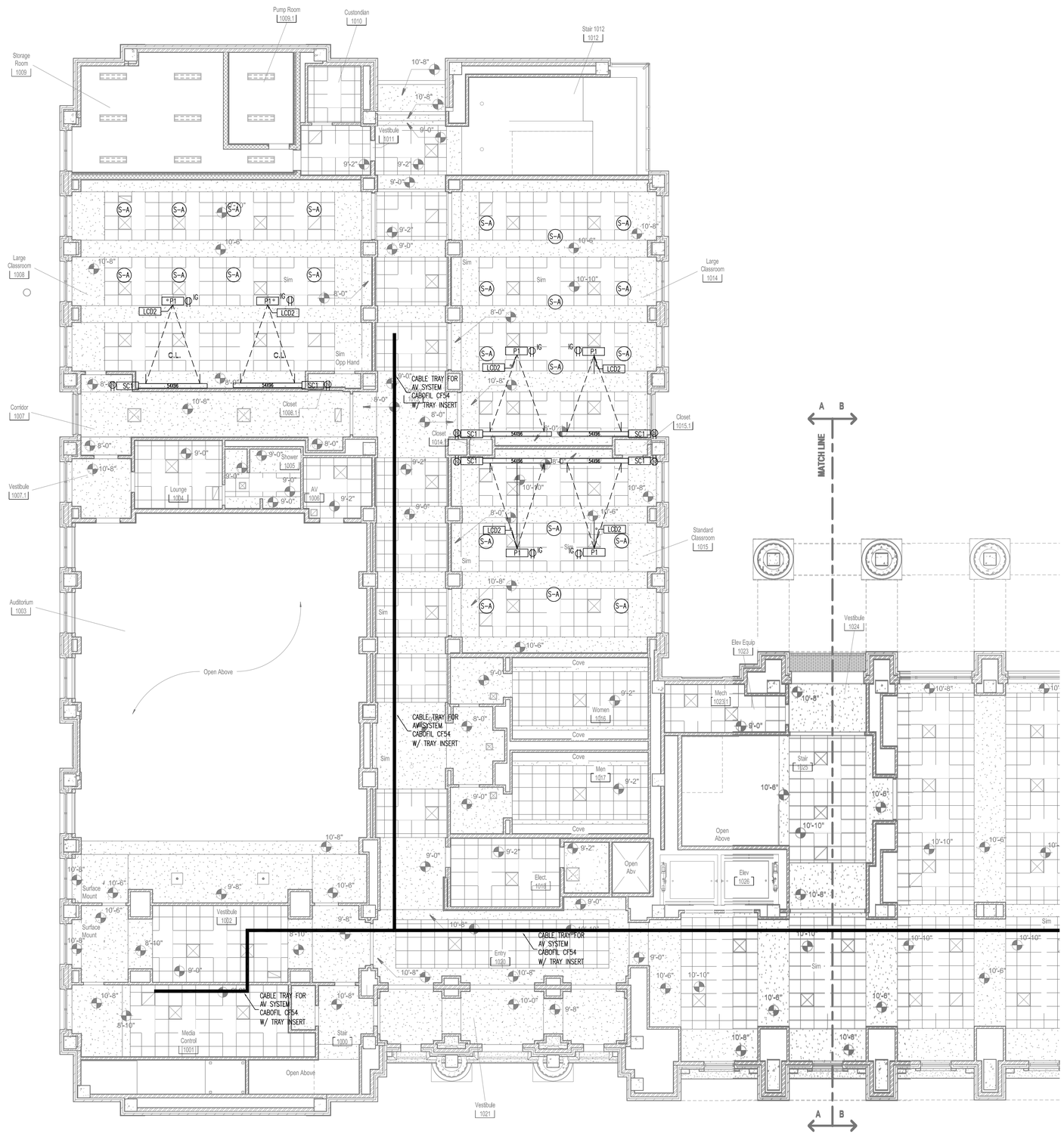
AV SYSTEMS THIRDFLOOR PLAN - Part B

AV1-6



AV Systems First Floor Reflected Ceiling Plan - Part A

1/8" = 1'-0"

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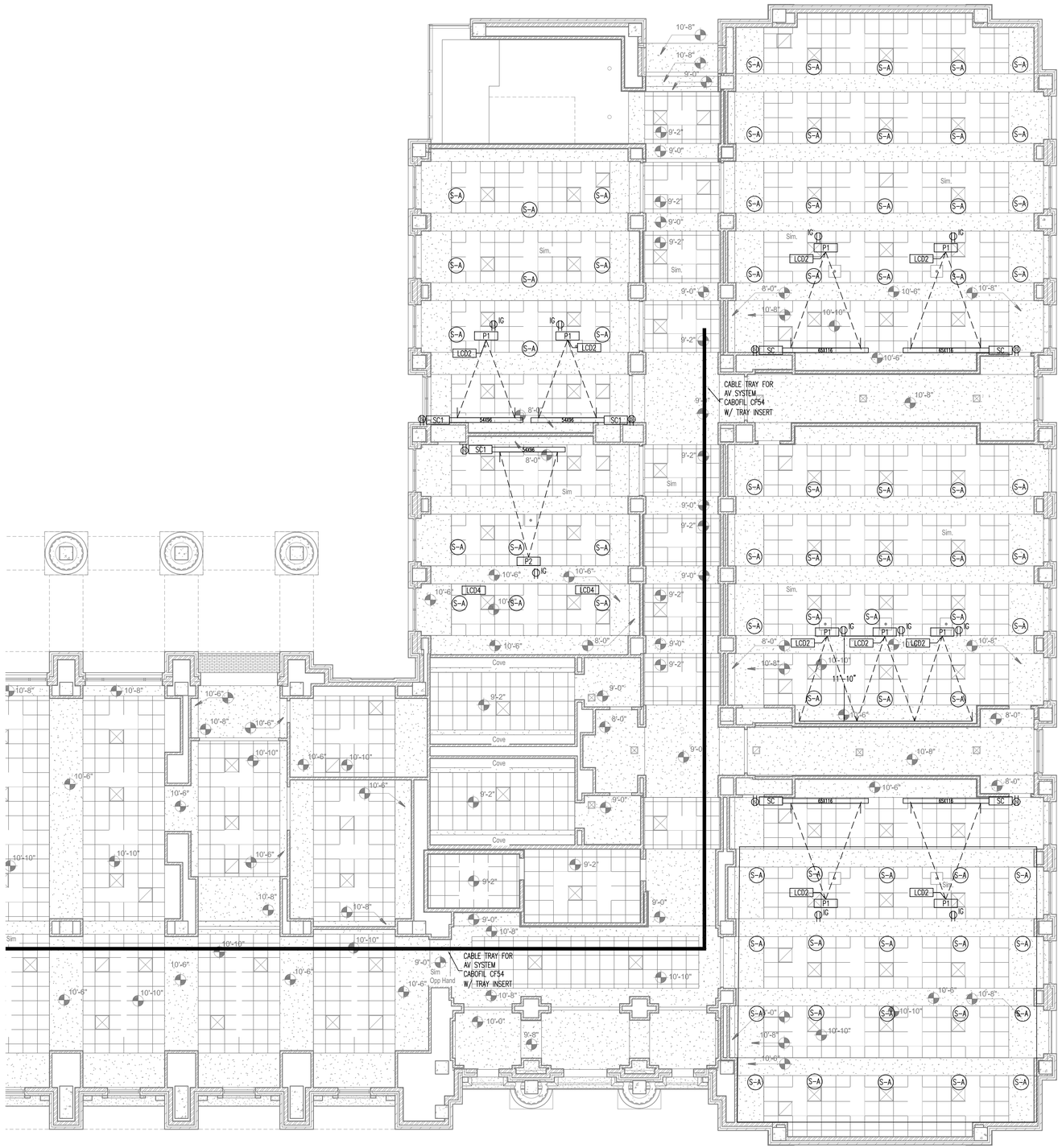
AV SYSTEMS FIRST FLOOR REFLECTED CEILING PLAN - Part A

AV1-7



AV Systems First Floor Reflected Ceiling Plan - Part B

1/8" = 1'-0"

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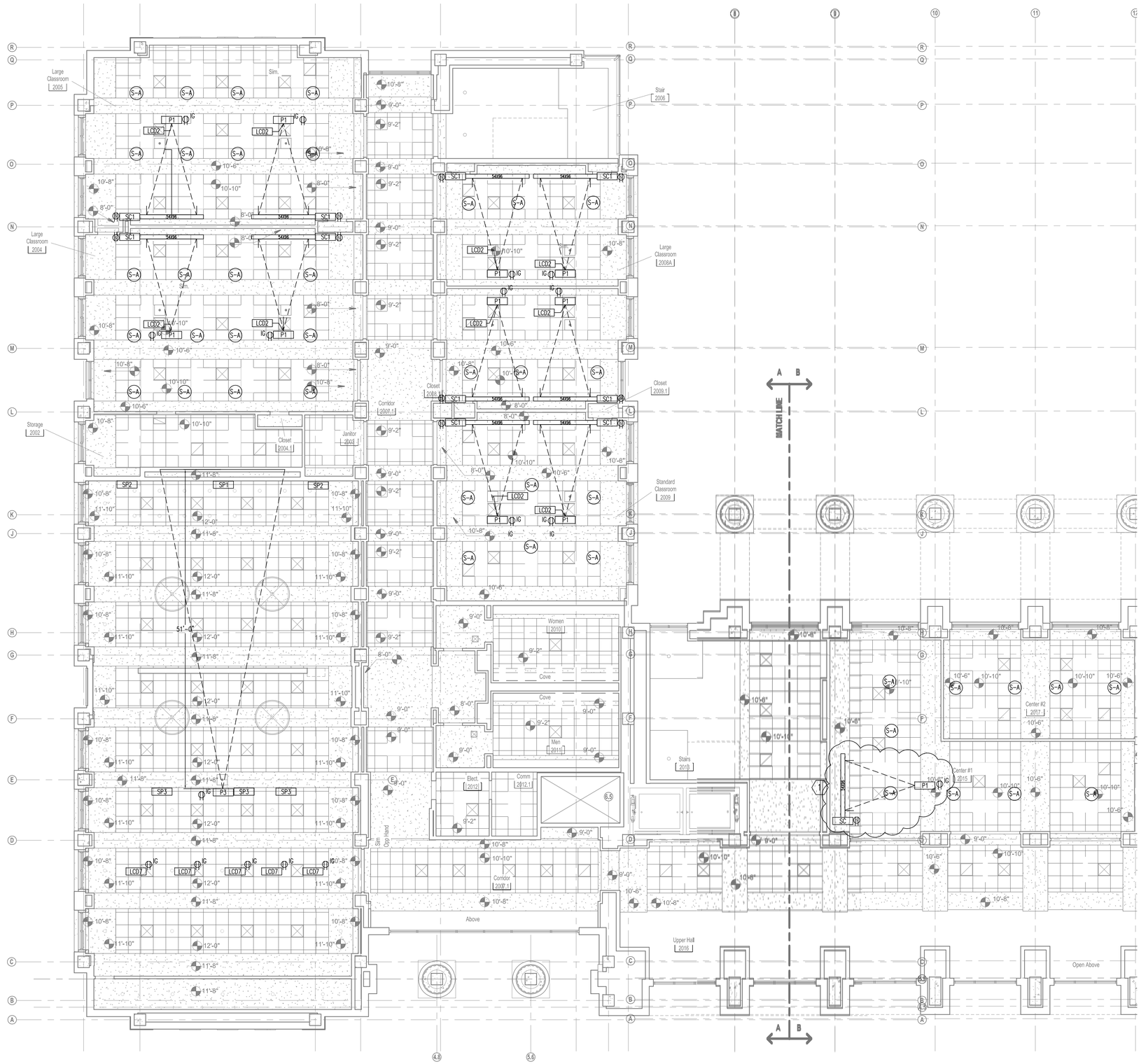
AV SYSTEMS
FIRST FLOOR
REFLECTED CEILING
PLAN - Part B

AV1-8



AV Systems Second Floor Reflected Ceiling Plan - Part A

1/8" = 1'-0"

SHEET KEYNOTES

THE AV CONTRACTOR SHALL PUT THE COST OF PROVIDING POWER TO THE PROJECTOR AND PROJECTION SCREEN AND INSTALLATION OF THE PROJECTION SCREEN IN THE AV SYSTEMS BID. THE AV CONTRACTOR IS RESPONSIBLE FOR CONTRACTING THE GENERAL CONTRACTOR AND ELECTRICIAN TO PROVIDE POWER AND PROJECTION SCREEN INSTALLATION SERVICES FOR THE PROJECTION SCREEN AND PROJECTOR IN ROOM 2015 ONLY.

THE AV CONTRACTOR SHALL PROVIDE ONE (1) DRAPER ULTIMATE ACCESS/SERIES V 54"X96" SCREEN WITH XH600V VIEWING SURFACE, ONE (1) DRAPER MC1 CONTROL BOARD AND ONE (1) DRAPER LS100 SERIAL/NETWORK INTERFACE TO THE THE GENERAL CONTRACTOR FOR INSTALLATION. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE AV CONTRACTOR.

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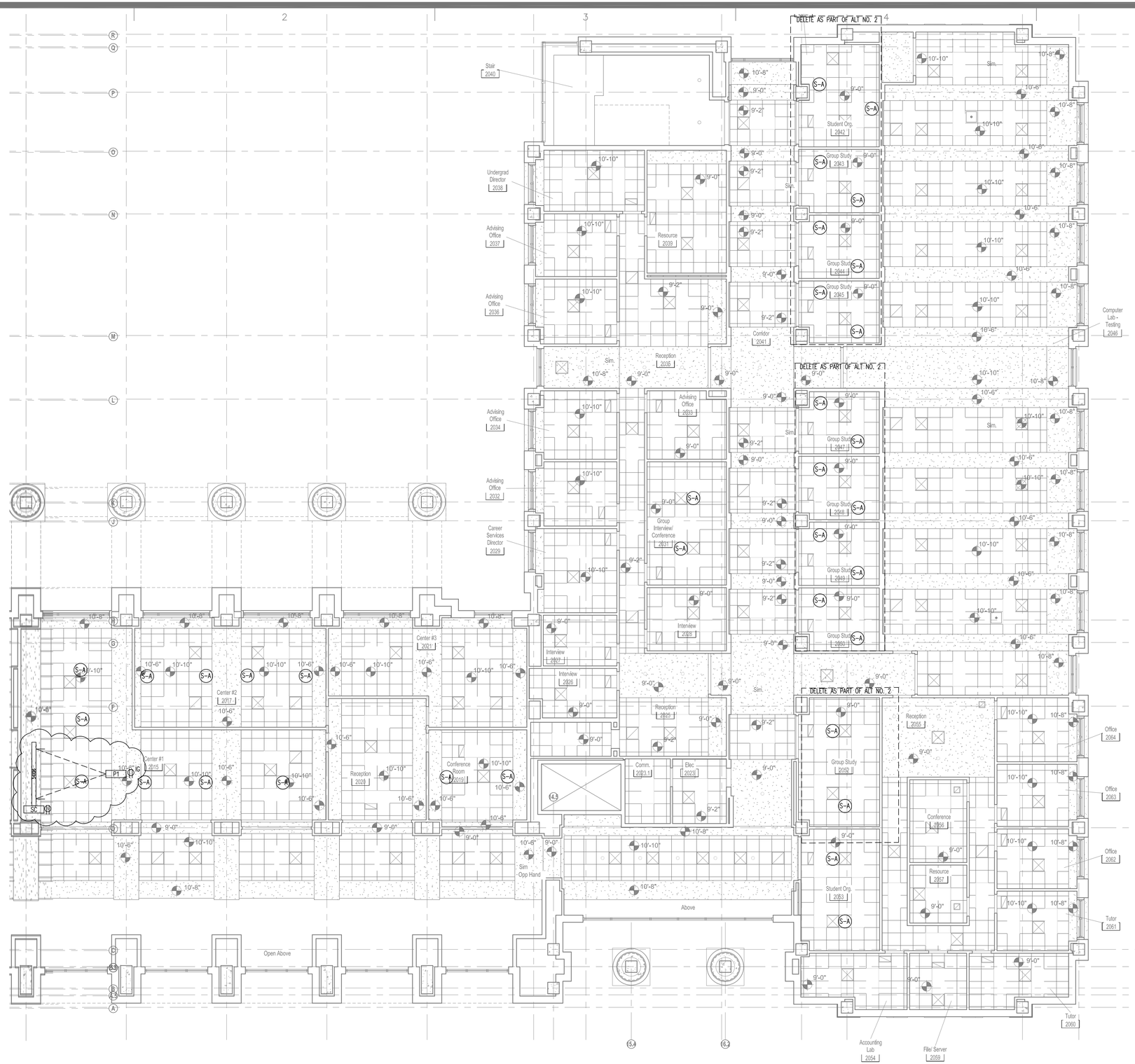
AV SYSTEMS SECOND FLOOR REFLECTED CEILING PLAN - Part A

AV1-9



AV Systems Second Floor Reflected Ceiling Plan - Part B

1/8" = 1'-0"

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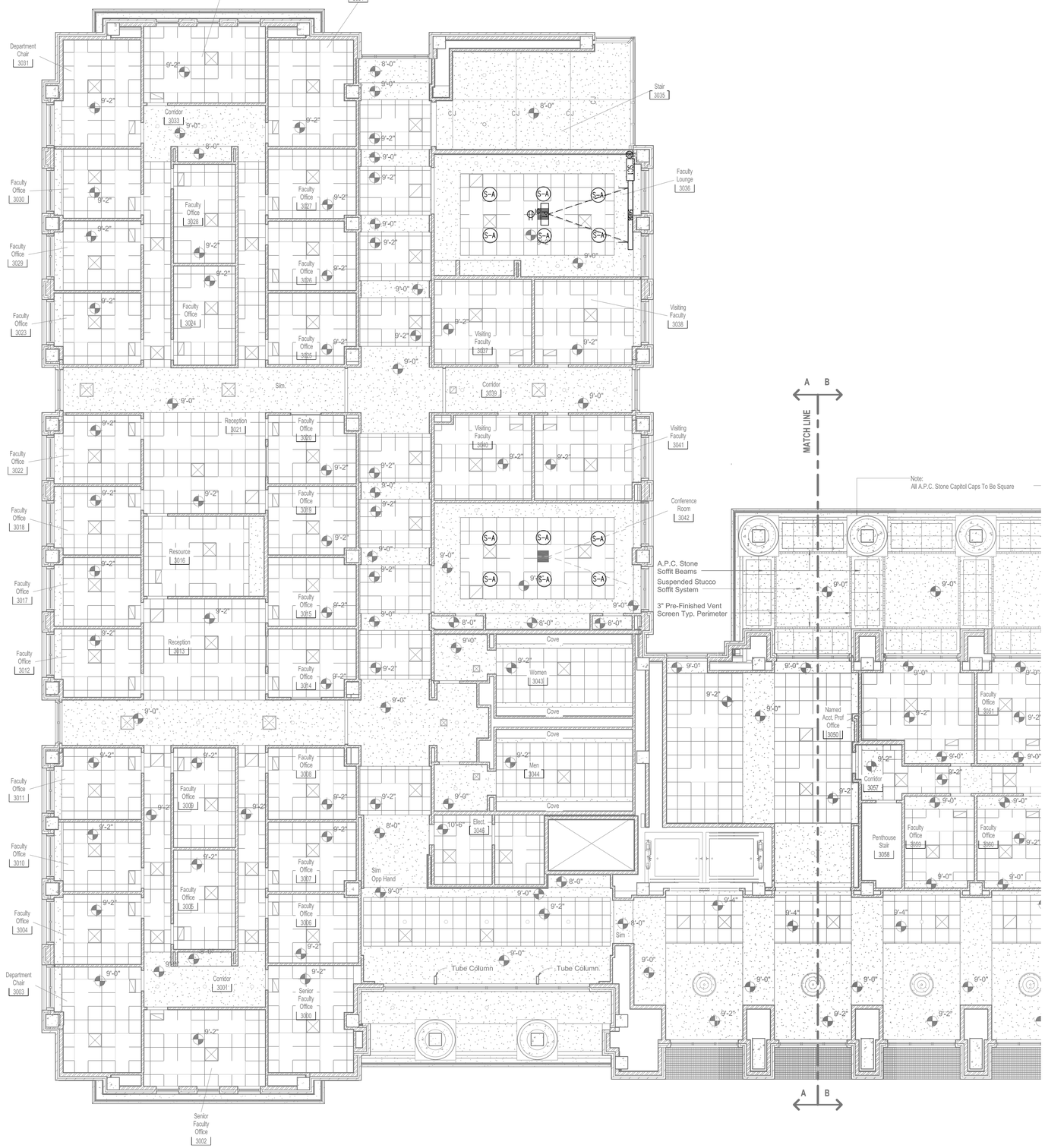
AV SYSTEMS SECOND FLOOR REFLECTED CEILING PLAN - Part B

AV1-10



AV Systems Third Floor Reflected Ceiling Plan - Part A

1/8" = 1'-0"

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AV SYSTEMS THIRD FLOOR REFLECTED CEILING PLAN - Part A

AV1-11

AV Systems Third Floor Reflected Ceiling Plan - Part B

1/8" = 1'-0"

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AV SYSTEMS THIRD FLOOR REFLECTED CEILING PLAN - Part B

AV1-12

AV SYSTEM SCHEDULE

SYMBOL	AV CONTRACTOR	ELECTRICAL CONTRACTOR	DESCRIPTION	NOTES
IG 1	INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH ELCTRICAL CONTRACTOR WHERE REQUIRED.	INDICATES ISOLATED (TECHNICAL) GROUND. CIRCUIT NUMBER – FOR REFERENCE ONLY NOT EXACT LOAD PANEL NUMBER. VERIFY LOAD PANEL LOCATION AND NUMBER WITH ELECTRICAL ENGINEER.	DUPLEX OUTLET. 120 VOLT, 20AMP, ISOLATED GROUND.	VERIFY LOCATION ON SITE. POWER CIRCUITS SHALL BE PART OF ELECTIRCAL CONTRACTORS BASE BID.
IG 1	INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH ELCTRICAL CONTRACTOR WHERE REQUIRED.	INDICATES ISOLATED (TECHNICAL) GROUND. CIRCUIT NUMBER – FOR REFERENCE ONLY NOT EXACT LOAD PANEL NUMBER. VERIFY LOAD PANEL LOCATION AND NUMBER WITH ELECTRICAL ENGINEER.	QUAD OUTLET. 120 VOLT, 20AMP, ISOLATED GROUND.	VERIFY LOCATION ON SITE. POWER CIRCUITS SHALL BE PART OF ELECTIRCAL CONTRACTORS BASE BID.
S	AC POWER TO SCREEN MOTOR WIRED BY ELECTRICAL CONTRACTOR. COORDINATE WORK WITH ELECTRICAL CONTRACTOR.	ROUTE AC POWER TO ELECTRIC SCREEN MOTOR AND TERMINATE. COORDINATE WITH AV CONTRACTOR.	SCREEN MOTOR AC POWER.	
1 XXXX			CONNECTION DESIGNATOR. INDICATES CONNECTION NUMBER. INDICATES DRAWING SHEET.	
1 XXXX			CONNECTION DESIGNATOR. INDICATES CONNECTION NUMBER. INDICATES DRAWING SHEET.	
1 XXXX			CONNECTION DESIGNATOR. INDICATES CONNECTION NUMBER. INDICATES DRAWING SHEET.	
AV1	ROUTE CONDUITS AS REQUIRED FOR SIGNAL CIRCUITS FROM BOX TO EQUIPMENT RACK. USE PVC GROMETS AND CONNECTORS TO CONNECT CONDUIT TO RACKS, AS RACKS SHALL NOT CONTACT BUILDING STEEL NOR CONDUITS. COORDINATE WITH ELECTRICAL CONTRACTOR.	ELECTRICAL CONTRACTOR SHALL MOUNT A 24"X 18"X 4" DEEP FLUSH MOUNT BOX OVER EQUIPMENT RACK AT CEILING. PROVIDE 120 VOLT, 20 AMP, IG AC POWER CIRCUITS IN RACKS AS INDICATED ON DRAWINGS AND/OR INSTRUCTED BY AV CONTRACTOR. COORDINATE WITH AV CONTRACTOR.	AUDITORIUM AV SYSTEM MAIN EQUIPMENT RACK. MIDDLE ATLANTIC ERK-4425.	LOCATE RACKS AND EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE 120V POWER CIRCUITS IN RACK WITH ELECTRICAL CONTRACTOR. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
AV2	COORDINATE WITH ELECTRICAL CONTRACTOR.	AV SYSTEM EQUIPMENT RACK JUNCTION BOXES. 24"X12"X4" BOX WITH COVER MOUNT AT 1'-6" A.F.F. FROM BOTTOM OF BOX. PROVIDE TWO (2) 120 VOLT, 20 AMP, IG, AC POWER CIRCUITS ON QUAD RECEPTACLES NEAR BOX AS INDICATED ON DRAWINGS. COORDINATE WITH AV CONTRACTOR.	LOCATION OF LOCAL CLASSROOM EQUIPMENT RACK. MIDDLE ATLANTIC ERK-2725.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
AV3	COORDINATE WITH ELECTRICAL CONTRACTOR.	AV SYSTEM EQUIPMENT RACK JUNCTION BOXES. 18"X12"X4" BOX WITH COVER MOUNT AT 1'-6" A.F.F. FROM BOTTOM OF BOX. PROVIDE TWO (2) 120 VOLT, 20 AMP, IG, AC POWER CIRCUITS ON QUAD RECEPTACLES NEAR BOX AS INDICATED ON DRAWINGS. COORDINATE WITH AV CONTRACTOR.	LOCATION OF LOCAL CLASSROOM EQUIPMENT RACK. ROOMS 1008, 1014, 1015, 1040, 1043, 1048, 2004, 2005 & 2009: MIDDLE ATLANTIC ERK-2725. ROOM 2008B: MIDDLE ATLANTIC ERK-4025 W/CASTER BASE CBS-ERK-25.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
AV4	COORDINATE WITH ELECTRICAL CONTRACTOR.	AV SYSTEM EQUIPMENT RACK CONDUIT SLEEVES WITH PLYWOOD BACKING AND WIRING STIRRUPS. PROVIDE TWO (2) 120 VOLT, 20 AMP, IG, AC POWER CIRCUITS ON QUAD RECEPTACLES NEAR BOX AS INDICATED ON DRAWINGS. COORDINATE WITH AV CONTRACTOR.	LOCATION OF LOCAL CLASSROOM EQUIPMENT RACK. ROOMS 1043 & 1048: MIDDLE ATLANTIC ERK-2725. ROOM 1046 MIDDLE ATLANTIC ERK-4425.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
AV5	COORDINATE WITH ELECTRICAL CONTRACTOR. AV SYSTEM EQUIPMENT RACK JUNCTION BOXES. THREE GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 1'-6" A.F.F. FROM BOTTOM OF BOX.	PROVIDE ONE (1) 120 VOLT, 20 AMP, IG, AC POWER CIRCUITS ON QUAD RECEPTACLE NEAR BOX AS INDICATED ON DRAWINGS. COORDINATE WITH AV CONTRACTOR.	LOCATION OF EQUIPMENT RACKS. ROOMS 1039, 2019, 2031, 2042-2045, 2047-2051, 2053, 2056, 3069, 3109, & 3112: MIDDLE ATLANTIC DTRK-1018 W/DT-PVFD10. ROOMS 2015, 2017 & 3040: MIDDLE ATLANTIC DTRK-1818 W/DT-PVFD-18. ROOM 3036: MIDDLE ATLANTIC DTRK-1418 W/DT-PVFD-18. ROOM 3042: MIDDLE ATLANTIC DWR-18-22 W/PFD-18.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED FLEXIBLE CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID.
AV6	MEDIA CONTROL ROOM EQUIPMENT RACK LOCATION. COORDINATE WITH ELECTRICAL CONTRACTOR. THE AV CONTRACTOR SHALL PROVIDE PANDUIT TYPE H HINGED COVER WIDE SLOT WIRING DUCT #H2XELG6 OR EQUAL TO ROUTE WIRES FROM CEILING TO UNDER COUNTER. PROVIDE SAME WIRING DUCT TO ROUTE CABLING BELOW AND ALONG COUNTER.	PROVIDE THREE (3) 120 VOLT, 20 AMP, IG, AC POWER CIRCUITS ON QUAD RECEPTACLE AT EQUIPMENT RACK LOCATION AND THREE (3) 120 VOLT, 10 AMP, IG, AC POWER CIRCUITS UNDER COUNTER BOX AS INDICATED ON DRAWINGS. COORDINATE WITH AV CONTRACTOR.	LOCATION OF EQUIPMENT RACKS. ROOM 1001. MIDDLE ATLANTIC ERK-4425.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED FLEXIBLE CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID.
CAM1	PTZ CAMERA ROOM 1046.	DUAL-GANG FLUSH MOUNT 2 ⅛ INCH DEEP BOX. MOUNT AT 7'-6" A.F.F. FROM BOTTOM OF BOX IN LOCATION SHOWN ON DRAWINGS.	SONY SRG-300H. PROVIDE ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
CAM2	PTZ CAMERA ROOM 1003.	DUAL-GANG FLUSH MOUNT 2 ⅛ INCH DEEP BOX. MOUNT AT 9'-6" ABOVE STAGE FLOOR FROM BOTTOM OF BOX IN LOCATION SHOWN ON DRAWINGS.	SONY SRG-300H. PROVIDE ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.

AV SYSTEM SCHEDULE

SYMBOL	AV CONTRACTOR	ELECTRICAL CONTRACTOR	DESCRIPTION	NOTES
CAM3	PTZ CAMERA ROOM 1003.	DUAL-GANG FLUSH MOUNT 2 ⅛ INCH DEEP BOX. MOUNT TO FACE OF BALCONY 1'-6" ABOVE BALCONY FLOOR FROM BOTTOM OF BOX IN LOCATION SHOWN ON DRAWINGS.	SONY SRG-300H. PROVIDE ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
CAM4	PTZ CAMERA. AV CONTRACTOR SHALL PROVIDE DUAL GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 9'-0" A.F.F. FROM BOTTOM OF BOX.		CISCO PRECISION 60 CAMERA. PROVIDE ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
CAM5	PTZ CAMERA. AV CONTRACTOR SHALL PROVIDE DUAL GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 9'-0" A.F.F. FROM BOTTOM OF BOX.		CISCO 1080P4X. PROVIDE ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
CM	CEILING MICROPHONES.	MOUNT IN CEILING TO PROVIDE EVEN AND ADEQUATE VOICE PICKUP.	SHURE MX-202WP/C. PROVIDE ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. CONFIRM LOCATIONS ON SITE.
CP1	LOCATION OF KEYPAD CONTROL. PROVIDE ALL NECESSARY MOUNTING HARDWARE. AV CONTRACTOR SHALL PROVIDE SINGLE GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 4'-4" A.F.F. FROM BOTTOM OF BOX.		CRESTRON CNX-B6B. SEE PANEL DRAWING AV7-1	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
CP2	LOCATION OF AV SYSTEM TOUCH PANEL CONTROL. AV CONTRACTOR SHALL PROVIDE AND INSTALL TSW-UMB MOUNTING BRACKET. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. MOUNT AT 4'-4" A.F.F. FROM BOTTOM OF BOX.		CRESTRON TOUCH PANEL TSW-750-B-S AND TSW-UMB MOUNTING BRACKET. SEE PANEL DRAWING AV7-1	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
FB1 FB2	CLASSROOM AV FLOOR BOX	WALKER RFB9-OG FLOOR BOX. PROVIDE ONE (1) 120 VOLT, 20AMP, IG POWER CIRCUIT ON DUPLEX RECEPTACLES ON POWER SIDE OF BOX. COORDINATE WITH AV CONTRACTOR.	TWO (2) CRESTRON DM-TX-200-C-2G AND ONE (1) NEUTRIK NE8FDY-C6 RJ-45 PANEL MOUNT CONNECTOR FOR PODIUM CONNECTION. SEE PANEL DRAWING AV7-1.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
FB3	ROOM 1015 AND 2009 AV FLOOR BOX.	WALKER RFB9-OG FLOOR BOX. PROVIDE ONE (1) 120 VOLT, 15AMP, POWER CIRCUIT ON QUAD RECEPTACLES ON POWER SIDE OF BOX. COORDINATE WITH AV CONTRACTOR.	CONNECTION FOR STUDENT STATION COMPUTER.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
FB4	CLASSROOM AV FLOOR BOX	WALKER RFB9-OG FLOOR BOX. PROVIDE ONE (1) 120 VOLT, 20AMP, IG POWER CIRCUIT ON DUPLEX RECEPTACLES ON POWER SIDE OF BOX. COORDINATE WITH AV CONTRACTOR.	ONE (1) PANEL MOUNT FEMALE XLR CONNECTOR, TWO (2) CRESTRON DM-TX-200-C-2G AND ONE (1) NEUTRIK NE8FDY-C6 RJ-45 PANEL MOUNT CONNECTOR FOR PODIUM CONNECTION. SEE PANEL DRAWING SHEET AV7-1.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
FB5	CLASSROOM AV CONDUIT STUB LOCATIONS.	TABLE MICROPHONE CONDUIT LOCATIONS. PROVIDE CONDUIT STUBBED TO TABLE LEGS IN LOCATIONS SHOWN. LOCATE SO ALL CABLING MAY ROUTE UP THE DESK POST. COORDINATE WITH AV CONTRACTOR.	CONNECTION FOR STUDENT MICROPHONES. PANEL MOUNTED FEMALE XLR CONNECTORS. SEE PANEL DRAWING SHEET AV7-1.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
FB6	CLASSROOM AV FLOOR BOX	WALKER RFB9-OG FLOOR BOX. PROVIDE ONE (1) 120 VOLT, 20AMP, IG POWER CIRCUIT ON DUPLEX RECEPTACLES ON POWER SIDE OF BOX. COORDINATE WITH AV CONTRACTOR.	TWO (2) PANEL MOUNT FEMALE XLR CONNECTOR, TWO (2) CRESTRON DM-TX-200-C-2G AND ONE (1) RJ-45 PANEL MOUNT CONNECTOR FOR PODIUM CONNECTION. SEE PANEL DRAWING SHEET AV7-1.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.

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AV SYSTEMS SCHEDULE

AV2-1

AV SYSTEM SCHEDULE

SYMBOL	AV CONTRACTOR	ELECTRICAL CONTRACTOR	DESCRIPTION	NOTES
LCD1	VIDEO MONITORS FOR MEDIA CONTROL ROOM.		SAMSUNG UN28H4000AFXZA OR APPROVED EQUAL. PROVIDE CHIEF FTR4100 WALL MOUNT AND ALL NECESSARY MOUNTING HARDWARE. MOUNT ABOVE COUNTER IN LOCATIONS SHOWN ON DRAWING.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
LCD2	INSTRUCTOR CONFIDENCE MONITORS. USE POWER, CONTROL AND SIGNAL CONDUIT & BOXES FROM PROJECTORS AT MOUNTING LOCATION.		SAMSUNG ME32C OR APPROVED EQUAL. PROVIDE CHIEF LCM1U CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
LCD3	BREAKOUT VIDEO MONITORS.	DUPLEX "POP IN" BOXES PER EC1-32,33,34-R3. COORDINATE WITH AV CONTRACTOR.	SAMSUNG UN65H3203AFXZA OR APPROVED EQUAL. PROVIDE CHIEF LTMU WALL MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
LCD4	BREAKOUT VIDEO MONITORS ROOM 1039.	DUPLEX "POP IN" BOXES PER EC1-32-R3. COORDINATE WITH AV CONTRACTOR.	SAMSUNG UN75F6300AFXZA OR APPROVED EQUAL. PROVIDE CHIEF XCMU1 CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
LCD5	VIDEO MONITORS ROOMS 2019, 2031, 2042-2045, 2047-2051, 2053, 2056, 3036, 3042, 3069, 3109 & 3112.	DUPLEX "POP IN" BOXES PER EC1-33-R3. COORDINATE WITH AV CONTRACTOR.	SHARP AQUOS LC60LE650U OR APPROVED EQUAL. PROVIDE CHIEF LTMU WALL MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
LCD7	AUDITORIUM DELAY VIDEO MONITORS.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT AT CEILING IN LOCATION SHOWN ON DRAWING. PROVIDE ONE (1) 120VOLT, 20AMP, POWER CIRCUIT ON DUPLEX RECEPTACLE NEARBY. COORDINATE WITH AV CONTRACTOR.	SAMSUNG ME40C OR APPROVED EQUAL. PROVIDE CHIEF LCM1U CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
LCD8	AUDITORIUM VIDEO MONITORS.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT AT 6'-6" ABOVE STAGE FLOOR IN LOCATION SHOWN ON DRAWING. PROVIDE ONE (1) 120VOLT, 20AMP, POWER CIRCUIT ON DUPLEX RECEPTACLE NEARBY. COORDINATE WITH AV CONTRACTOR.	SAMSUNG ME40C OR APPROVED EQUAL. PROVIDE CHIEF LCM1U CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
LCD9	DIGITAL SIGNAGE MONITORS	DUPLEX "POP IN" BOXES PER EC1-32,33,34-R3. COORDINATE WITH AV CONTRACTOR. ELECTRICAL NEEDS AND SIGNAL CONDUIT/BOXES FOR HALLWAY 3048 (LEFT AND RIGHT) AND ROOM 2055 SHALL BE PROVIDED BY ELECTRICIAN UNDER THE AV CONTRACTORS BUDGET.	SAMSUNG ME55C OR APPROVED EQUAL. PROVIDE CHIEF LTMU WALL MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. ELECTRICAL FOR ROOMS 1028, 2025, 2035, 2046, 3013, 3021, 3067, 3074, 3103 AND 3114 PROVIDED PER EC1-32,33,34-R3. ELECTRICAL NEEDS AND SIGNAL CONDUIT/BOXES FOR HALLWAY 3048 (LEFT AND RIGHT) AND ROOM 2055 SHALL BE PROVIDED BY ELECTRICIAN UNDER THE AV CONTRACTORS BUDGET.
LCD10	DIGITAL SIGNAGE WAYFINDER LOCATIONS	DUPLEX "POP IN" BOXES PER EC1-32,33,34-R3. COORDINATE WITH AV CONTRACTOR. ELECTRICAL FOR ROOMS 1020, 1024, 1030, 1034, 2007.1 AND 2055 SHALL BE PROVIDED BY THE ELECTRICIAN UNDER THE AV CONTRACTORS BUDGET.	TOUCHSOURCE PT-48H WALL MOUNT DIRECTORY. PROVIDE ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. ELECTRICAL NEEDS AND SIGNAL CONDUIT/BOXES FOR ROOMS 1020, 1034, 2007.1 AND 2041.1 SHALL BE PROVIDED BY ELECTRICIAN UNDER THE AV CONTRACTORS BUDGET.
LCD11	OUTDOOR DIGITAL SIGNAGE MONITORS	DUPLEX "POP IN" BOXES PER EC1-32,33,34-R3. COORDINATE WITH AV CONTRACTOR. ELECTRICAL NEEDS AND SIGNAL CONDUIT/BOXES FOR FIRST FLOOR PORCH (LEFT AND RIGHT) SHALL BE PROVIDED BY ELECTRICIAN UNDER THE AV CONTRACTORS BUDGET.	SAMSUNG ME55C OR APPROVED EQUAL. PROVIDE ITS ENCLOSURES VS-U-57-FC-BL ENCLOSURE, VS-WM-PS WALL MOUNT, VS-PEE--201-0171 BRACKET, PER-SF660 DISPLAY BRACKET AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS INDICATED ON DRAWINGS. ELECTRICAL FOR ROOMS 1028, 2025, 2035, 2046, 3013, 3021, 3067, 3074, 3103 AND 3114 PROVIDED PER EC1-32,33,34-R3. ELECTRICAL NEEDS AND SIGNAL CONDUIT/BOXES FOR FIRST FLOOR PORCH (LEFT AND RIGHT) SHALL BE PROVIDED BY ELECTRICIAN UNDER THE AV CONTRACTORS BUDGET.
P1	CLASSROOM PROJECTOR. MOUNTING LOCATION SHOWN ON DRAWING IS APPROXIMATE. AV CONTRACTOR SHALL VERIFY LOCATION ON SITE IN RELATION TO EXISTING SCREENS AND ADJUST ACCORDINGLY.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT AT CEILING IN LOCATION SHOWN ON DRAWING. PROVIDE ONE (1) 120VOLT, 20AMP, POWER CIRCUIT ON DUPLEX RECEPTACLE NEARBY. COORDINATE WITH AV CONTRACTOR.	PANASONIC PT-EZ570 PROJECTOR AND ET-ELW20 1.3-1.7:1 ZOOM LENS. PROVIDE CHIEF RSMA302 CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	VERIFY EXACT LOCATION AND PROJECTION DISTANCE ON SITE.
P2	CLASSROOM PROJECTOR. MOUNTING LOCATION SHOWN ON DRAWING IS APPROXIMATE. AV CONTRACTOR SHALL VERIFY LOCATION ON SITE IN RELATION TO EXISTING SCREENS AND ADJUST ACCORDINGLY.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT AT CEILING IN LOCATION SHOWN ON DRAWING. PROVIDE ONE (1) 120VOLT, 20AMP, POWER CIRCUIT ON DUPLEX RECEPTACLE NEARBY. COORDINATE WITH AV CONTRACTOR.	PANASONIC PT-EZ570 PROJECTOR WITH STANDARD ZOOM LENS (SUPPLIED WITH PROJECTOR). PROVIDE CHIEF RSMA302 CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	VERIFY EXACT LOCATION AND PROJECTION DISTANCE ON SITE.

AV SYSTEM SCHEDULE

SYMBOL	AV CONTRACTOR	ELECTRICAL CONTRACTOR	DESCRIPTION	NOTES
P3	AUDITORIUM PROJECTOR. MOUNTING LOCATION SHOWN ON DRAWING IS APPROXIMATE. AV CONTRACTOR SHALL VERIFY LOCATION ON SITE IN RELATION TO EXISTING SCREENS AND ADJUST ACCORDINGLY.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT UNDER BALCONY IN LOCATION SHOWN ON DRAWING. PROVIDE ONE (1) 120VOLT, 20AMP, POWER CIRCUIT ON DUPLEX RECEPTACLE NEARBY. COORDINATE WITH AV CONTRACTOR.	CHRISTIE DIGITAL HD10K-M WITH 118-100113-XX 2.0-2.8:1SX+ ZOOM LENS OR APPROVED EQUAL. PROVIDE CHIEF VCMU CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	VERIFY EXACT LOCATION AND PROJECTION DISTANCE ON SITE.
P4	CLASSROOM PROJECTOR. MOUNTING LOCATION SHOWN ON DRAWING IS APPROXIMATE. AV CONTRACTOR SHALL VERIFY LOCATION ON SITE.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT AT CEILING IN LOCATION SHOWN ON DRAWING. PROVIDE ONE (1) 120VOLT, 20AMP, POWER CIRCUIT ON DUPLEX RECEPTACLE NEARBY. ELECTRICAL WORK FOR ROOM 2015 ONLY SHALL BE PROVIDED UNDER THE AV CONTRACTORS BUDGET. COORDINATE WITH AV CONTRACTOR.	PANASONIC PT-EZ570 PROJECTOR AND ET-ELW20 1.3-1.7:1 ZOOM LENS. PROVIDE CHIEF RSMA302 CEILING MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	VERIFY EXACT LOCATION AND PROJECTION DISTANCE ON SITE.
SB1	LOCATION OF INTERACTIVE SMART BOARD ROOM 3042.	DUPLEX "POP IN" BOXES PER EC1-34-R3 COORDINATE WITH AV CONTRACTOR.	SMART TECHNOLOGIES E70. PROVIDE CHIEF LTMU WALL MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
SB2	LOCATION OF INTERACTIVE SMART BOARD ROOM 2017.	DUPLEX "POP IN" BOXES PER EC1-33-R3 COORDINATE WITH AV CONTRACTOR.	SMART TECHNOLOGIES 8084i-G4. PROVIDE CHIEF XCB7000 WALL MOUNT AND ALL NECESSARY MOUNTING HARDWARE.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
SC	LOCATION OF EXISTING 65X116" PROJECTION SCREENS.	ROUTE AC POWER TO PROJECTION SCREEN MOTOR AND CONDUIT FOR LOW VOLTAGE CONTROL WIRING TO PROJECTION SCREEN. COORDINATE WITH AV CONTRACTOR. LOW VOLTAGE CONTROL SHALL ROUTE TO RACK LOCATION.		EXISTING 65X116" PROJECTIONS SCREENS INSTALLED BY GENERAL CONTRACTOR. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
SC1	LOCATION OF EXISTING 54X96" PROJECTION SCREENS.	ROUTE AC POWER TO PROJECTION SCREEN MOTOR AND CONDUIT FOR LOW VOLTAGE CONTROL WIRING TO PROJECTION SCREEN. COORDINATE WITH AV CONTRACTOR. LOW VOLTAGE CONTROL SHALL ROUTE TO RACK LOCATION.		EXISTING 54X96" PROJECTIONS SCREENS INSTALLED BY GENERAL CONTRACTOR. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
SC2	LOCATION OF ROOM 2015 54X96" PROJECTION SCREEN. PROVIDE ONE (1) DRAPER ULTIMATE ACCESS/SERIES V 54X96" PROJECTION SCREEN WITH XH600V VIEWING SURFACE, ONE (1) DRAPER MC1 CONTROL BOARD AND ONE (1) DRAPER LS100 SERIAL/NETWORK INTERFACE. THE AV CONTRACTOR SHALL PROVIDE SCREEN TO GENERAL CONTRACTOR FOR INSTALLATION.	ROUTE AC POWER TO PROJECTION SCREEN MOTOR AND CONDUIT FOR LOW VOLTAGE CONTROL WIRING TO PROJECTION SCREEN. COORDINATE WITH AV CONTRACTOR. LOW VOLTAGE CONTROL SHALL ROUTE TO RACK LOCATION. ELECTRICAL POWER TO SCREEN BY ELECTRICIAN AND INSTALLATION OF SCREEN BY GENERAL CONTRACTOR SHALL BE DONE UNDER THE AV CONTRACTORS BUDGET IN ROOM 2015 ONLY.		EXISTING 54X96" PROJECTIONS SCREENS INSTALLED BY GENERAL CONTRACTOR. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
SP1	MAIN LOUDSPEAKERS CLUSTERS. RIG LOUDSPEAKERS TO STRUCTURE ABOVE WITH HORN AT BOTTOM.	DUAL-GANG 2-1/2" DEEP SURFACE MOUNT BOX. MOUNT TO CEILING IN LOCATION SHOWN ON DRAWINGS. COORDINATE WITH AV CONTRACTOR.	TWO (2) JBL AM5215/64 OR APPROVED EQUAL.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS AND PULL LINES SHALL BE PART OF ELECTRICAL CONTRACTORS BID.
SP2	RIGHT/LEFT CLUSTERS. SEE AIMING POINTS ON FLOOR PLAN FOR FINAL AIMING.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT AT CEILING IN LOCATION SHOWN ON DRAWING. COORDINATE WITH AV CONTRACTOR.	ONE (1) JBL AM5215/64 OR APPROVED EQUAL.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS AND PULL LINES SHALL BE PART OF ELECTRICAL CONTRACTORS BID.
SP3	UPPER BALCONY FILL SPEAKERS.	DUAL-GANG 2 1/2" DEEP BOX. FLUSH MOUNT AT CEILING IN LOCATION SHOWN ON DRAWING. COORDINATE WITH AV CONTRACTOR.	ONE (1) RENKUS HEINZ TRX81/9 OR APPROVED EQUAL.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS AND PULL LINES SHALL BE PART OF ELECTRICAL CONTRACTORS BID.
SP4	SUBWOOFER.	DUAL-GANG 2 1/8" DEEP BOX. MOUNT TO STRUCTURE ABOVE. COORDINATE WITH AV CONTRACTOR.	ONE (1)JBL ASB6118 OR APPROVED EQUAL.	LOCATE AS INDICATED ON DRAWINGS. REQUIRED CONDUITS SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
S-A	CEILING MOUNT LOUDSPEAKERS, SUPPLY ENCLOSURES TO ELECTRICAL CONTRACTOR FOR INSTALLATION IN DRYWALL/WOOD CEILINGS DURING ROUGH-IN.	ATLAS SOUND 95-8-7 ENCLOSURES OR APPROVED EQUALS. PROVIDED BY AV CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR IN AREAS WITH DRYWALL/WOOD CEILINGS.	JBL CONTROL 26DT LOUDSPEAKERS, WITH ATLAS SOUND 95-8-7 ENCLOSURES AND 61-8W BAFFLES OR APPROVED EQUALS. PROVIDE ATLAS 81R-8W TILE SUPPORTS WHEN MOUNTING IN ACOUSTIC TILE CEILINGS.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED CONDUITS AND POWER SHALL BE PART OF ELECTRICAL CONTRACTORS BASE BID.
TT	LOCATION OF RECESSED TABLETOP A/V INPUT. PROVIDE ALL NECESSARY MOUNTING HARDWARE. AV CONTRACTOR SHALL CORE DRILL THROUGH FLOOR TO ROUTE SIGNAL AND NETWORK CABLING TO EQUIPMENT RACK. ELECTRICAL POWER TO TABLETOP INPUT TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNDER AV CONTRACTORS BID. COORDINATE WITH GC TO LOCATE INPUT AND ELECTRICAL CONTRACTOR TO PROVIDE POWER.	ELECTRICAL CONTRACTOR TO PROVIDE POWER TO ONE (1) OUTLET IN TABLETOP BOX FROM NEAREST 120V AC CIRCUIT. ELECTRICAL CONTRACTOR SHALL PROVIDE POWER UNDER AV CONTRACTORS BID.	ONE (1) EXTRON 60-1399-02 CABLE CUBBY 202 W/ONE (1) 70-678-04 RETRACTOR HDMI AND ONE (1) 70-983-13 RETRACTOR NETWORK.	LOCATE AS SHOWN ON DRAWINGS. CORE DRILLING AND AC POWER TO TABLE TOP SHALL BE AV CONTRACTORS BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR AND GENERAL CONTRACTOR.

CONSULTANTS

PROFESSIONAL SEALS

PROJECT TITLE

COLLEGE OF BUSINESS BUILDING

THE UNIVERSITY OF SOUTHERN MISSISSIPPI

ISSUE

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MANAGEMENT

PROJECT NO: 0606

PROJECT AREA:

CAD DWG FILE:

DRAWN BY: DTW

CHECKED BY:

SHEET TITLE

AV SYSTEMS SCHEDULE

AV2-2

AV SYSTEM SCHEDULE

SYMBOL	AV CONTRACTOR	ELECTRICAL CONTRACTOR	DESCRIPTION	NOTES
V1	LOCATION OF WALL MOUNT A/V INPUT. PROVIDE ALL NECESSARY MOUNTING HARDWARE. AV CONTRACTOR SHALL PROVIDE DUAL GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 1'-6" A.F.F. FROM BOTTOM OF BOX.		ONE (1) CRESTRON DM-TX-200-C-2G. SEE PANEL DRAWING AV7-1.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
V2	LOCATION OF BREAKOUT MONITOR INPUT. PROVIDE ALL NECESSARY MOUNTING HARDWARE. AV CONTRACTOR SHALL PROVIDE SINGLE GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 1'-6" A.F.F. FROM BOTTOM OF BOX.		ONE (1) EXTRON WPD110A. SEE PANEL DRAWING AV7-1.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
V3	LOCATION OF WALL MOUNT PODIUM INPUT. PROVIDE ALL NECESSARY MOUNTING HARDWARE. AV CONTRACTOR SHALL PROVIDE ONE (1) DUAL GANG AND ONE (1) SINGLE GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 1'-6" A.F.F. FROM BOTTOM OF BOX.		ONE (1) CRESTRON DM-TX-200-C-2G AND ONE (1) NEUTRIK NE8FDY-C6 RJ-45 FEMALE CONNECTOR MOUNTED TO A SINGLE GANG PLATE. SEE PANEL DRAWING AV7-1.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
V4	LOCATION OF WALL MOUNT PODIUM INPUT. PROVIDE ALL NECESSARY MOUNTING HARDWARE. AV CONTRACTOR SHALL PROVIDE ONE (1) DUAL GANG AND ONE (1) SINGLE GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 1'-6" A.F.F. FROM BOTTOM OF BOX.		TWO (2) CRESTRON DM-TX-200-C-2G AND ONE (1) NEUTRIK NE8FDY-C6 RJ-45 FEMALE CONNECTOR MOUNTED TO A SINGLE GANG PLATE. SEE PANEL DRAWING AV7-1.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.
WA	LOCATION OF REMOTE MOUNT WIRELESS ANTENNAS. PROVIDE ALL NECESSARY MOUNTING HARDWARE. AV CONTRACTOR SHALL PROVIDE ONE (1) DUAL GANG AND ONE (1) SINGLE GANG "POP IN" STYLE BOX. THIS BOX IS INTENDED TO BE USED IN AN EXISTING SHEETROCK WALL TO ALLOW THE BOX TO BE INSTALLED BY CUTTING INTO THE SHEETROCK WITHOUT DAMAGING THE SHEETROCK. FLEXIBLE METAL CONDUIT WILL BE INSTALLED FROM BOX TO ABOVE CEILING. MOUNT AT 9'-0" A.F.F. FROM BOTTOM OF BOX.		ONE (1) SHURE UA820WB.	LOCATE AS SHOWN ON DRAWINGS. REQUIRED FLEX CONDUITS SHALL BE PART OF AV CONTRACTORS BASE BID. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ELECTRICAL CONTRACTOR.

CONSULTANTS

PROFESSIONAL SEALS

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MANAGEMENT

PROJECT NO: 0606

PROJECT AREA:

CAD DWG FILE:

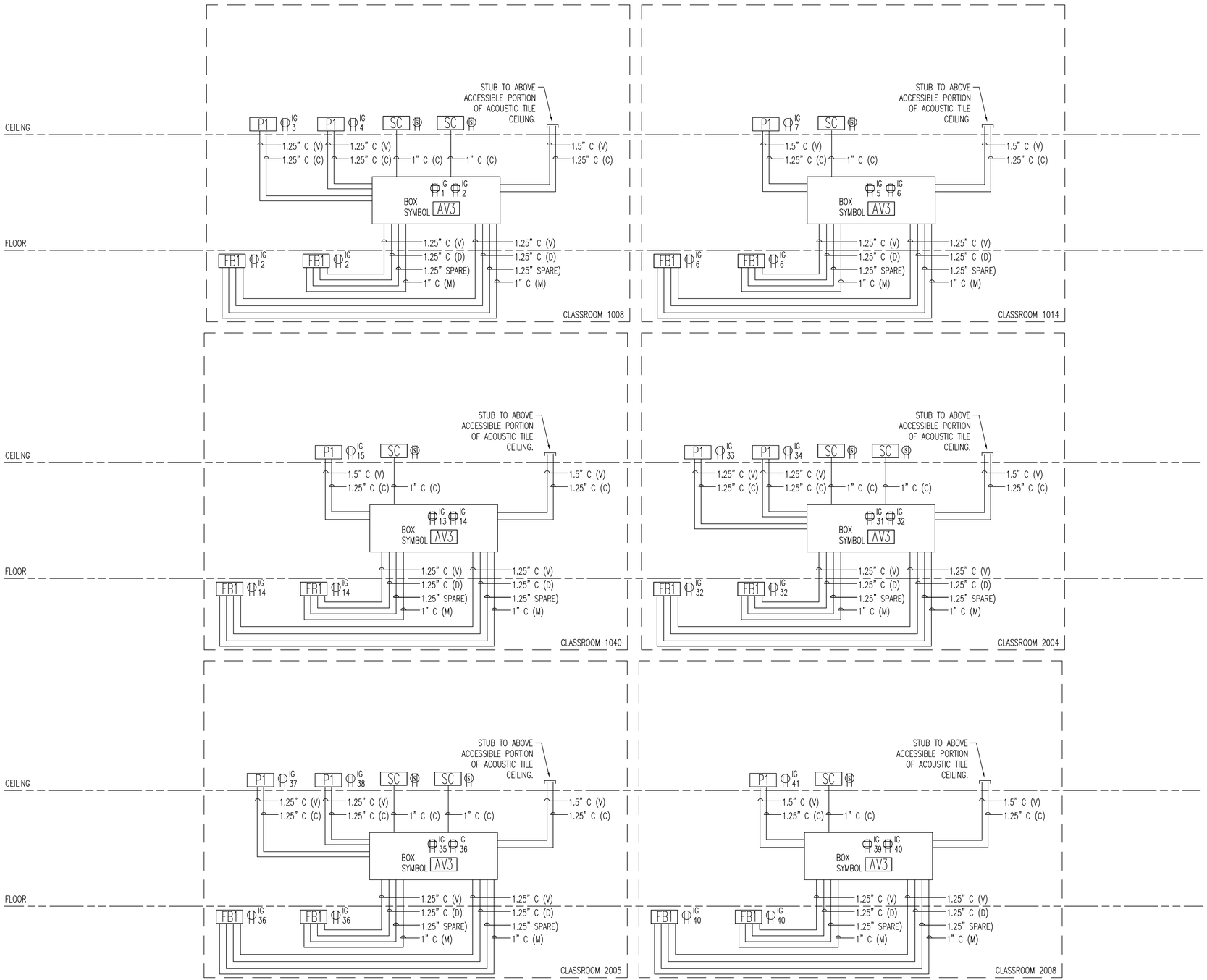
DRAWN BY: DTW

CHECKED BY:

SHEET TITLE

AV SYSTEMS SCHEDULE

AV2-3



AV Systems Conduit Riser

No Scale

GENERAL NOTES

1. IN ALL CASES, WHERE A SPECIFIC JUNCTION BOX SIZE IS NOT PROVIDED, SIZE ALL JUNCTION BOXES AS REQUIRED FOR THE NUMBER OF CONDUITS. IF A SPECIFIC STATED SIZE IS INSUFFICIENT, SIZE BOX UP AS NEEDED. HOWEVER, DO NOT DOWN SIZE ANY JUNCTION BOXES FROM THE INDICATED SIZE.
2. JUNCTION BOXES WHICH MOUNT AV SYSTEM PANELS OR SPECIFIC EQUIPMENT SHALL NOT BE RESIZED IN THE FIELD.
3. INSTALL PULL BOX OR PULL FITTING FOR EACH 125'-0" OF STRAIGHT RUN AND FOR EVERY 270° OF TOTAL BEND.
4. INSTALL LENGTH MARKED PULL CORDS IN ALL CONDUITS AS TYPE BY KLIEN OR GREENLEE.
5. ALL AV SYSTEM CONDUITS SHALL BE METAL EMT ABOVE SLAB AND PVC BELOW SLAB.
6. WHERE DIFFERING SIGNAL GROUPS ARE INSTALLED IN CLOSE PROXIMITY TO EACH OTHER. THESE CONDUITS SHALL CROSS AT A 90° ANGLE TO EACH OTHER.
7. ALL DIGITAL (D) CABLE/CONDUIT RUNS SHALL NOT EXCEED 200' TOTAL LENGTH FROM OUTPUT OF SENDING DEVICE TO INPUT OF RECEIVING DEVICE. CONDUITS CARRYING THESE SIGNALS SHALL BE RAN IN THE MOST DIRECT ROUTE TO ALLOW THIS LENGTH TO BE MAINTAINED.

AV SYSTEM SIGNAL TYPES:

(M) INDICATES MICROPHONE LEVEL SIGNALS. (0 TO 100mV)
(L) INDICATES LINE LEVEL SIGNALS. (100mV TO 10V)
(IC) INDICATES INTERCOM SIGNALS.
(V) INDICATES VIDEO SIGNALS. (BASEBAND/COMPOSITE 1V P-P)
(S) INDICATES LOUDSPEAKER LEVEL SIGNALS. (10V TO 70V)
(C) INDICATES CONTROL SIGNALS.
(D) INDICATES DIGITAL SIGNALS (UTP HIGH FREQUENCY, FIBER OPTIC, ETC.)

CONDUIT SEPARATION FOR RUNS >40'-0":

GROUP 1 = SIGNAL TYPE (M)
GROUP 2 = SIGNAL TYPE (L),(IC)
GROUP 3 = SIGNAL TYPE (S)
GROUP 4 = SIGNAL TYPE (V)
GROUP 5 = SIGNAL TYPE (RF),(D)&(C)

	GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5
GROUP 1	ADJACENT	0'-6"	1'-0"	1'-0"	1'-0"
GROUP 2	0'-6"	ADJACENT	1'-0"	0'-6"	ADJACENT
GROUP 3	1'-0"	1'-0"	ADJACENT	0'-6"	ADJACENT
GROUP 4	1'-0"	0'-6"	0'-6"	ADJACENT	ADJACENT
GROUP 5	1'-0"	ADJACENT	ADJACENT	ADJACENT	ADJACENT
220V/440V CIRCUITS	6'-0"	6'-0"	4'-0"	5'-0"	2'-0"
DIMMER CONTROLLED LIGHTING	2'-0"	1'-0"	0'-6"	1'-0"	0'-6"
SCR CONTROLLED CIRCUITS	3'-0"	2'-0"	0'-6"	1'-0"	0'-6"
OTHER SERVICES	1'-0"	1'-0"	0'-6"	0'-6"	0'-6"

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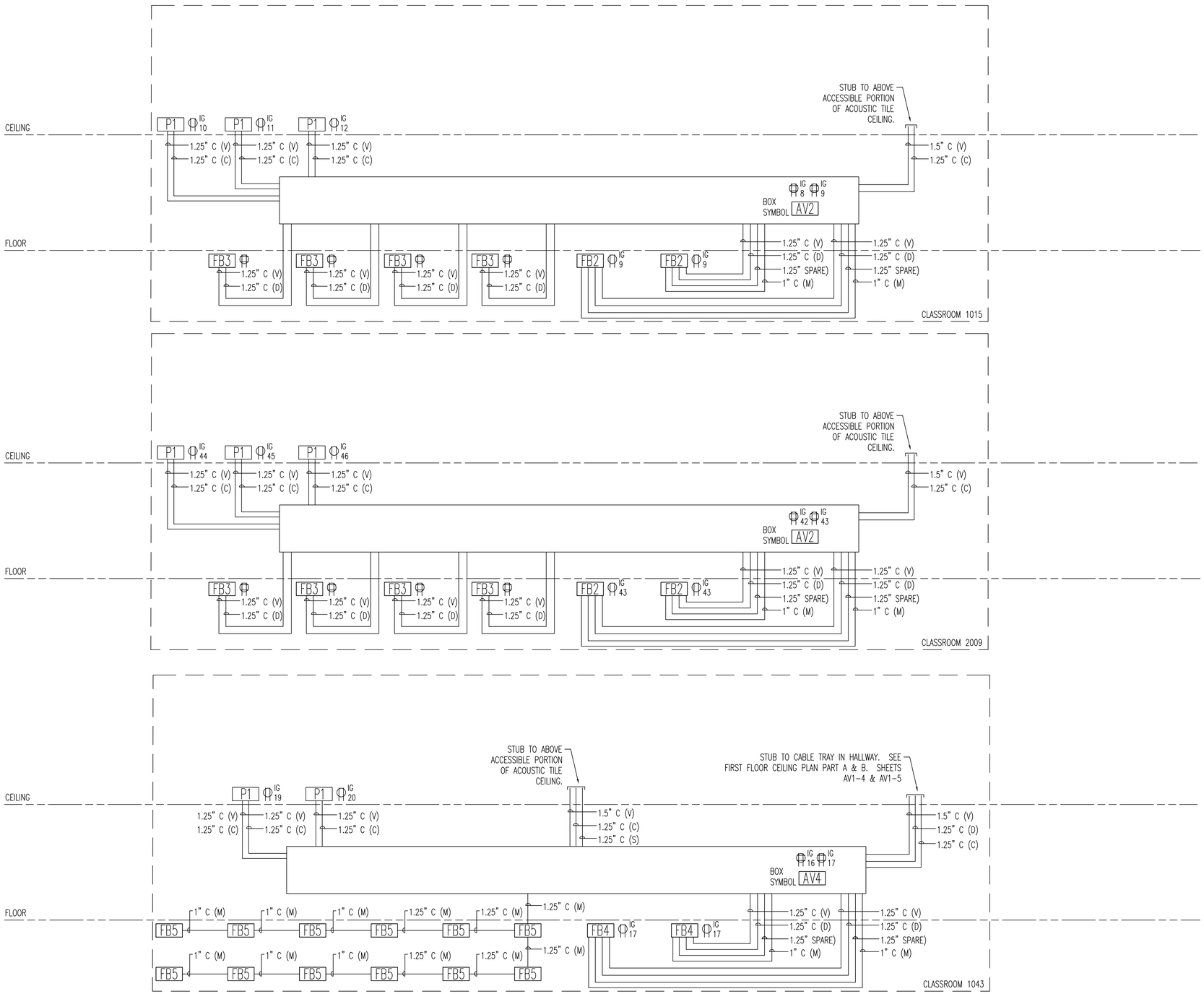
SHEET TITLE

AV SYSTEMS CONDUIT RISER

AV3-1



AV Systems Conduit Riser

No Scale

GENERAL NOTES

1. IN ALL CASES, WHERE A SPECIFIC JUNCTION BOX SIZE IS NOT PROVIDED, SIZE ALL JUNCTION BOXES AS REQUIRED FOR THE NUMBER OF CONDUITS. IF A SPECIFIC STATED SIZE IS INSUFFICIENT, SIZE BOX UP AS NEEDED. HOWEVER, DO NOT DOWN SIZE ANY JUNCTION BOXES FROM THE INDICATED SIZE.
2. JUNCTION BOXES WHICH MOUNT AV SYSTEM PANELS OR SPECIFIC EQUIPMENT SHALL NOT BE RESIZED IN THE FIELD.
3. INSTALL PULL BOX OR PULL FITTING FOR EACH 125'-0" OF STRAIGHT RUN AND FOR EVERY 270° OF TOTAL BEND.
4. INSTALL LENGTH MARKED PULL CORDS IN ALL CONDUITS AS TYPE BY KLIEN OR GREENLEE.
5. ALL AV SYSTEM CONDUITS SHALL BE METAL EMT ABOVE SLAB AND PVC BELOW SLAB.
6. WHERE DIFFERING SIGNAL GROUPS ARE INSTALLED IN CLOSE PROXIMITY TO EACH OTHER. THESE CONDUITS SHALL CROSS AT A 90° ANGLE TO EACH OTHER.
7. ALL DIGITAL (D) CABLE/CONDUIT RUNS SHALL NOT EXCEED 200' TOTAL LENGTH FROM OUTPUT OF SENDING DEVICE TO INPUT OF RECEIVING DEVICE. CONDUITS CARRYING THESE SIGNALS SHALL BE RAN IN THE MOST DIRECT ROUTE TO ALLOW THIS LENGTH TO BE MAINTAINED.

AV SYSTEM SIGNAL TYPES:

(M) INDICATES MICROPHONE LEVEL SIGNALS. (0 TO 100mV)
(L) INDICATES LINE LEVEL SIGNALS. (100mV TO 10V)
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(V) INDICATES VIDEO SIGNALS. (BASEBAND/COMPOSITE 1V P-P)
(S) INDICATES LOUDSPEAKER LEVEL SIGNALS. (10V TO 70V)
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	GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5
GROUP 1	ADJACENT	0'-6"	1'-0"	1'-0"	1'-0"
GROUP 2	0'-6"	ADJACENT	1'-0"	0'-6"	ADJACENT
GROUP 3	1'-0"	1'-0"	ADJACENT	0'-6"	ADJACENT
GROUP 4	1'-0"	0'-6"	0'-6"	ADJACENT	ADJACENT
GROUP 5	1'-0"	ADJACENT	ADJACENT	ADJACENT	ADJACENT
220V/440V CIRCUITS	6'-0"	6'-0"	4'-0"	5'-0"	2'-0"
DIMMER CONTROLLED LIGHTING	2'-0"	1'-0"	0'-6"	1'-0"	0'-6"
SCR CONTROLLED CIRCUITS	3'-0"	2'-0"	0'-6"	1'-0"	0'-6"
OTHER SERVICES	1'-0"	1'-0"	0'-6"	0'-6"	0'-6"

CONSULTANTS

PROFESSIONAL SEALS

PROJECT TITLE

COLLEGE OF BUSINESS BUILDING

THE UNIVERSITY OF SOUTHERN MISSISSIPPI

ISSUE

MARK	DATE	DESCRIPTION
	01/12/14	CONSTRUCTION DOCUMENTS

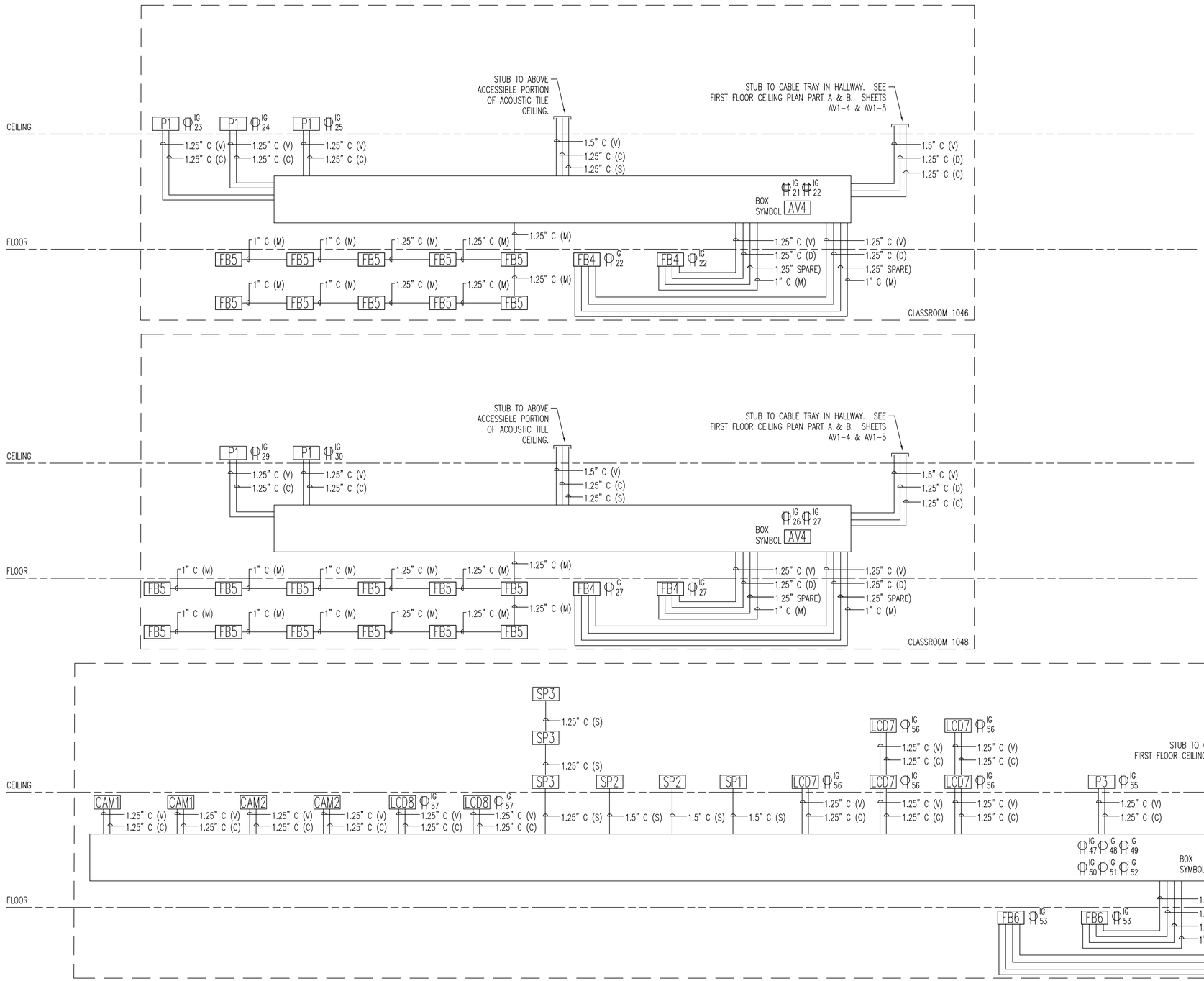
MANAGEMENT

PROJECT NO: 0606
PROJECT AREA:
CAD DWG FILE:
DRAWN BY: DTW
CHECKED BY:

SHEET TITLE

AV SYSTEMS CONDUIT RISER

AV3-2



AV Systems Conduit Riser

No Scale

GENERAL NOTES

1. IN ALL CASES, WHERE A SPECIFIC JUNCTION BOX SIZE IS NOT PROVIDED, SIZE ALL JUNCTION BOXES AS REQUIRED FOR THE NUMBER OF CONDUITS. IF A SPECIFIC STATED SIZE IS INSUFFICIENT, SIZE BOX UP AS NEEDED. HOWEVER, DO NOT DOWN SIZE ANY JUNCTION BOXES FROM THE INDICATED SIZE.
2. JUNCTION BOXES WHICH MOUNT AV SYSTEM PANELS OR SPECIFIC EQUIPMENT SHALL NOT BE RESIZED IN THE FIELD.
3. INSTALL PULL BOX OR PULL FITTING FOR EACH 125'-0" OF STRAIGHT RUN AND FOR EVERY 270° OF TOTAL BEND.
4. INSTALL LENGTH MARKED PULL CORDS IN ALL CONDUITS AS TYPE BY KLIEN OR GREENLEE.
5. ALL AV SYSTEM CONDUITS SHALL BE METAL EMT ABOVE SLAB AND PVC BELOW SLAB.
6. WHERE DIFFERING SIGNAL GROUPS ARE INSTALLED IN CLOSE PROXIMITY TO EACH OTHER. THESE CONDUITS SHALL CROSS AT A 90° ANGLE TO EACH OTHER.
7. ALL DIGITAL (D) CABLE/CONDUIT RUNS SHALL NOT EXCEED 200' TOTAL LENGTH FROM OUTPUT OF SENDING DEVICE TO INPUT OF RECEIVING DEVICE. CONDUITS CARRYING THESE SIGNALS SHALL BE RAN IN THE MOST DIRECT ROUTE TO ALLOW THIS LENGTH TO BE MAINTAINED.

AV SYSTEM SIGNAL TYPES:

(M) INDICATES MICROPHONE LEVEL SIGNALS. (0 TO 100mV)
(L) INDICATES LINE LEVEL SIGNALS. (100mV TO 10V)
(IC) INDICATES INTERCOM SIGNALS.
(V) INDICATES VIDEO SIGNALS. (BASEBAND/COMPOSITE 1V P-P)
(S) INDICATES LOUDSPEAKER LEVEL SIGNALS. (10V TO 70V)
(C) INDICATES CONTROL SIGNALS.
(D) INDICATES DIGITAL SIGNALS (UTP HIGH FREQUENCY, FIBER OPTIC, ETC.)

CONDUIT SEPARATION FOR RUNS >40'-0":

GROUP 1 = SIGNAL TYPE (M)
GROUP 2 = SIGNAL TYPE (L),(IC)
GROUP 3 = SIGNAL TYPE (S)
GROUP 4 = SIGNAL TYPE (V)
GROUP 5 = SIGNAL TYPE (RF),(D)&(C)

	GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5
GROUP 1	ADJACENT	0'-6"	1'-0"	1'-0"	1'-0"
GROUP 2	0'-6"	ADJACENT	1'-0"	0'-6"	ADJACENT
GROUP 3	1'-0"	1'-0"	ADJACENT	0'-6"	ADJACENT
GROUP 4	1'-0"	0'-6"	0'-6"	ADJACENT	ADJACENT
GROUP 5	1'-0"	ADJACENT	ADJACENT	ADJACENT	ADJACENT
220V/440V CIRCUITS	6'-0"	6'-0"	4'-0"	5'-0"	2'-0"
DIMMER CONTROLLED LIGHTING	2'-0"	1'-0"	0'-6"	1'-0"	0'-6"
SCR CONTROLLED CIRCUITS	3'-0"	2'-0"	0'-6"	1'-0"	0'-6"
OTHER SERVICES	1'-0"	1'-0"	0'-6"	0'-6"	0'-6"

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AV3-3