

TELECOMMUNICATIONS AND AUDIOVISUAL TITLESHEET

CONVENTIONS

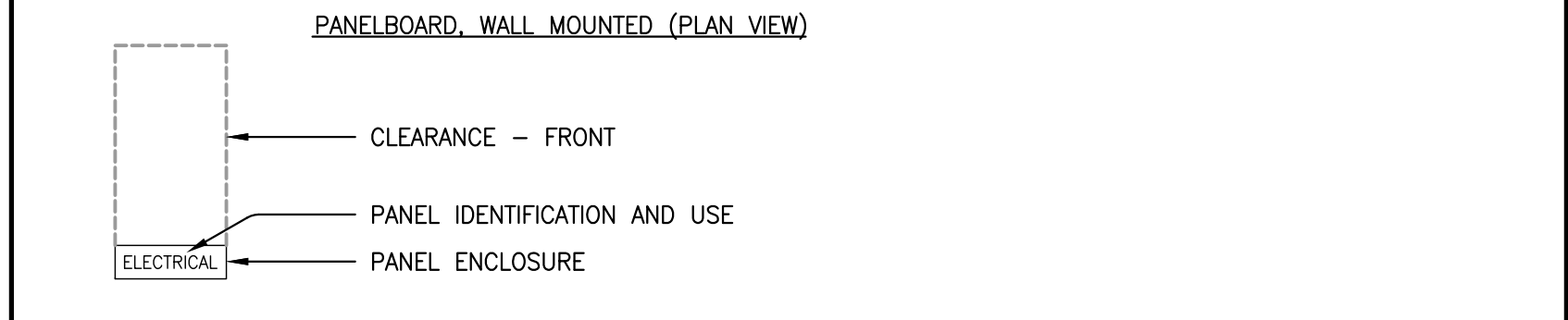
NOT ALL SYMBOLS MAY BE USED

- E-1 ELECTRICAL NUMBERED SHEET NOTE
- G-1 GENERAL CONTRACTOR NUMBERED SHEET NOTE
- M-1 MECHANICAL CONTRACTOR NUMBERED SHEET NOTE
- S-1 SECURITY NUMBERED SHEET NOTE
- T-1 TELECOM NUMBERED SHEET NOTE
- W-1 OWNER NUMBERED SHEET NOTE
- C01 CONDUIT IDENTIFICATION TAG
- 1 NUMBERED NOTE (APPLIES TO DRAWINGS CONTAINING NOTES ONLY)
- 1 NUMBERED NOTE (APPLIES TO ALL DWGS IN THIS SET)
- 001 EQUIPMENT IDENTIFICATION TAG
- 1 DOOR NUMBER
- C01 TELECOM CONDUIT BANK TAG. REFER TO SCHEDULE
- 1 PHOTO REFERENCE, SEE PHOTO SECTION OF SPECIFICATIONS FOR PHOTO (IF USED)
- 1 T1.1 DETAIL REFERENCE
- T1.1 SHEET NUMBER (T=TELECOMMUNICATIONS) DETAIL DESIGNATION
- T1.1 ELEVATION REFERENCE
- T1.1 SHEET NUMBER (T=TELECOMMUNICATIONS) DETAIL DESIGNATION
- T1.1 MATCHLINE REFERENCE
- T1.1 CURRENT SHEET
- T1.1 CONTINUING SHEET

POWER & LIGHTING

NOT ALL SYMBOLS MAY BE USED

- DUPLEX CONVENIENCE OUTLET, WALL MOUNTED +18 UON
- DUPLEX CONVENIENCE OUTLET, WALL MOUNTED +18 UON, CONNECTED TO "STANDBY" POWER SYSTEM
- DOUBLE DUPLEX CONVENIENCE OUTLET, WALL MOUNTED +18 UON, CONNECTED TO NORMAL POWER SYSTEM
- DOUBLE DUPLEX CONVENIENCE OUTLET, WALL MOUNTED +18 UON, CONNECTED TO "STANDBY" POWER SYSTEM
- SPECIALTY OUTLET WALL MOUNTED +18 UON, TYPE AS SPECIFIED BY NUMBERED NOTE.
- DUPLEX CONVENIENCE OUTLET, FLOOR MOUNTED
- FOURPLEX CONVENIENCE OUTLET, FLOOR MOUNTED
- FLOOR MOUNTED FOURPLEX POWER RECEPTACLE
- FLOOR MOUNTED DUPLEX POWER RECEPTACLE
- FURNITURE POWER OR RACEWAY FEED POINT WALL MOUNTED +18 AFF
- FURNITURE POWER FEED POINT FLUSH MOUNTED FLOOR BOX
- FURNITURE POWER FEED FLOOR MONUMENT
- FLOOR MOUNTED JUNCTION BOX
- JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING
- WALL MOUNTED JUNCTION BOX +18 AFF UON
- SINGLE POLE TOGGLE SWITCH, WALL MOUNTED +42 UON
- POWER POLE WITH SEPARATE POWER AND TELECOMMUNICATIONS FEEDS
- TELECOMMUNICATIONS GROUNDING BUS, +84 AFF UON
- FLUORESCENT STRIPLIGHT FIXTURE, SURFACE OR PENDANT MOUNTED
- SHADING OF ANY FIXTURE INDICATES CONNECTION TO "STANDBY POWER" OR CONTAINING AN EMERGENCY POWERED BALLAST



PATHWAYS

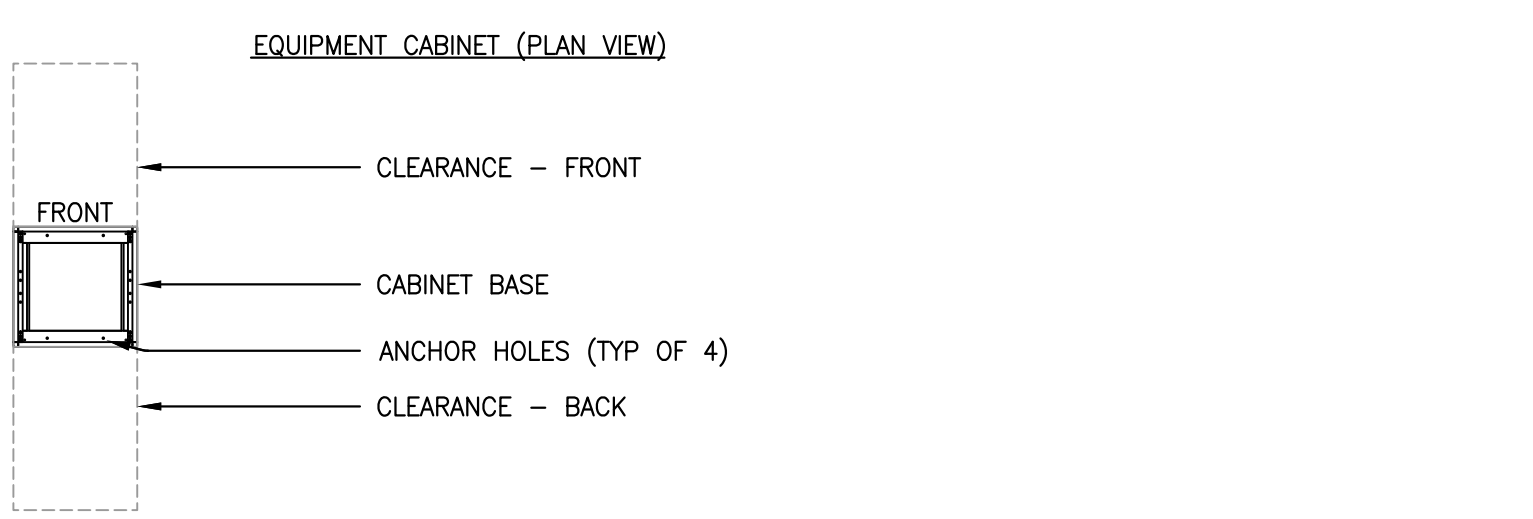
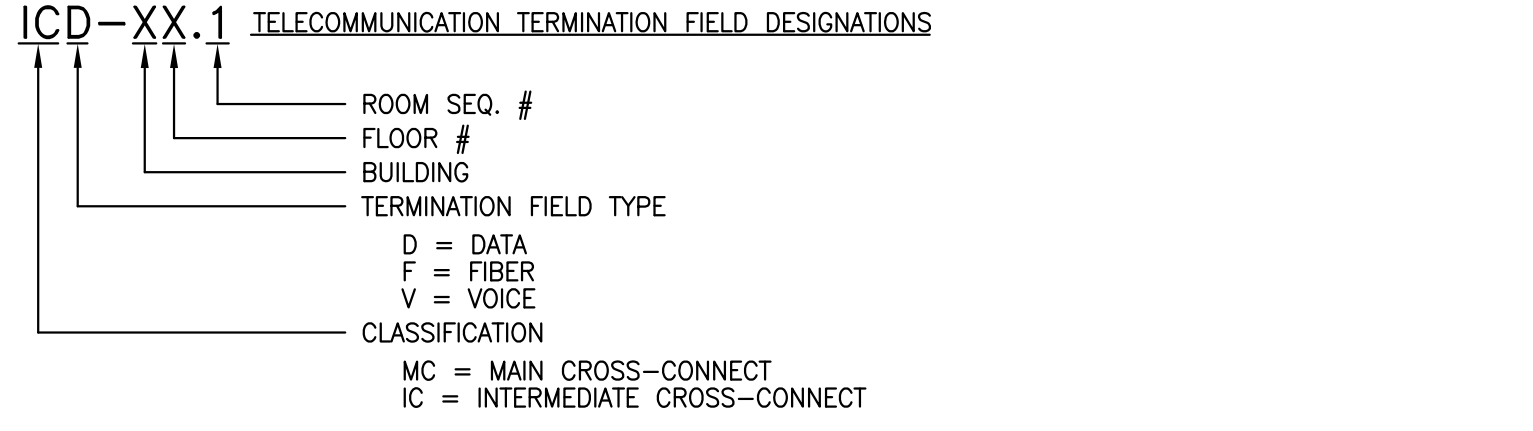
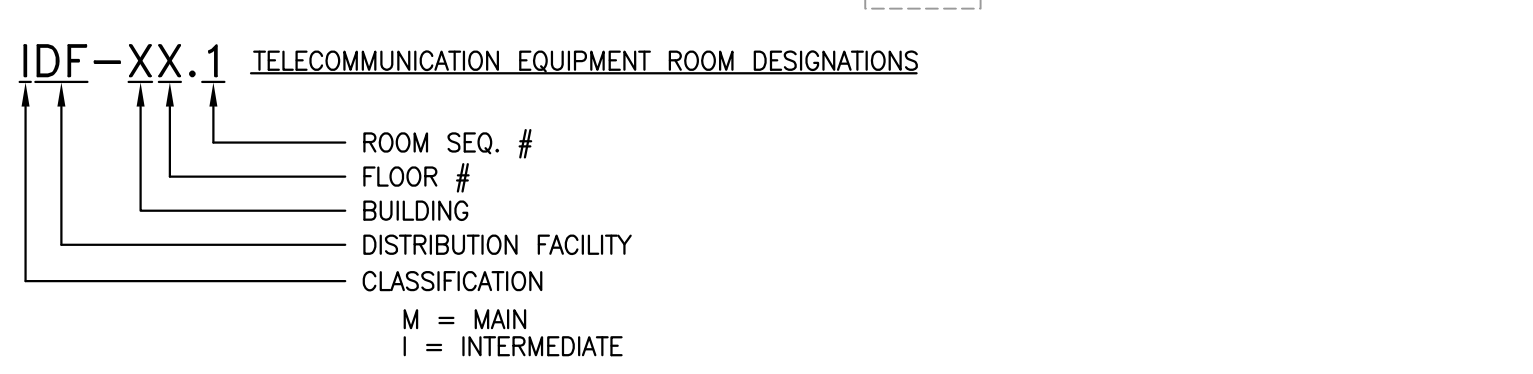
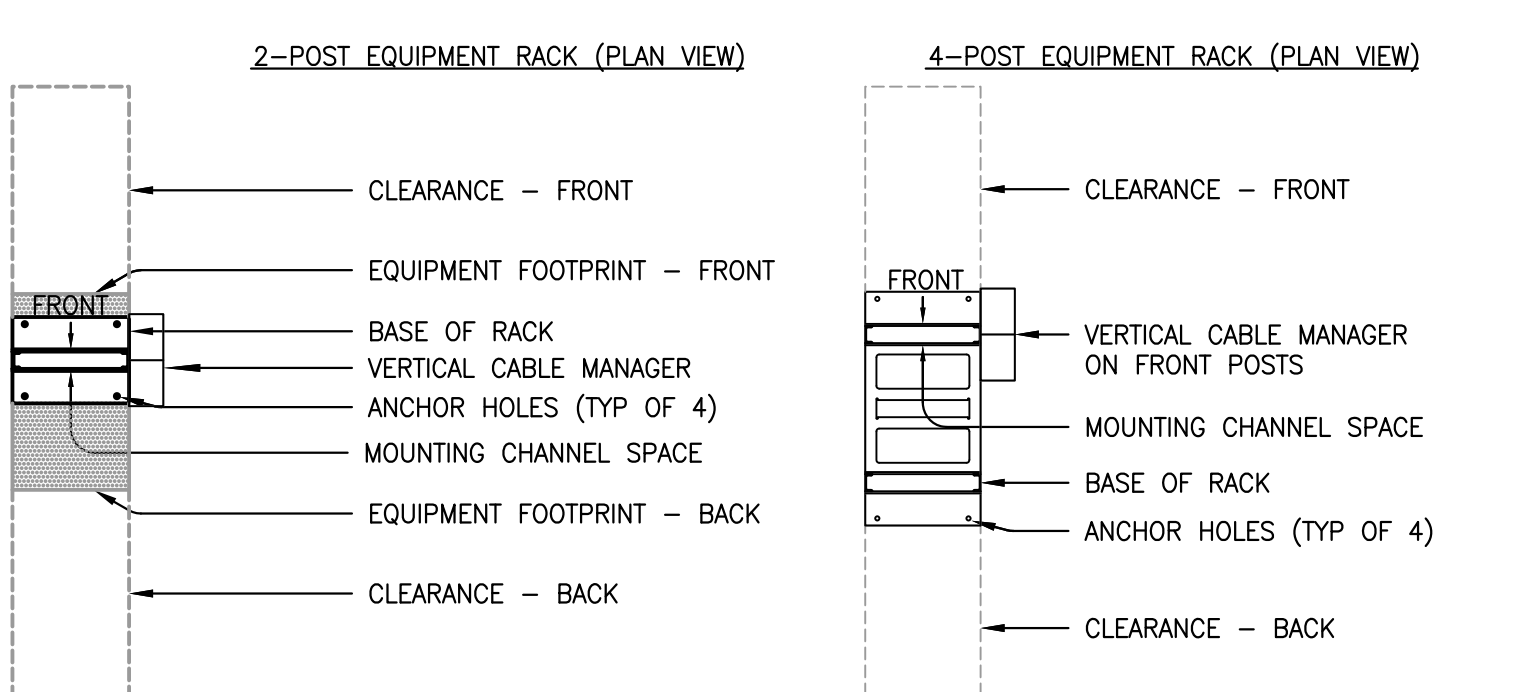
NOT ALL SYMBOLS MAY BE USED

- UNDERGROUND TELECOMMUNICATION CONDUIT DUCT BANK.
- CONDUIT RUN EXPOSED ON WALL OR CEILING.
- CONDUIT RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND.
- CONDUIT RUN CONCEALED IN WALL OR CEILING.
- CONDUIT HOMERUN, CONTINUOUS RUN TO PANEL OR EQUIPMENT CABINET.
- FLEXIBLE METALLIC CONDUIT.
- CONDUIT TURNED UP.
- CONDUIT TURNED DOWN.
- MULTI-OUTLET SURFACE RACEWAY; TYPE, OUTLET SPACING AND MOUNTING AS INDICATED BY NUMBERED NOTE.
- "LADDER STYLE" CABLE TRAY SUSPENDED FROM STRUCTURE ABOVE, UON.
- CABLE RUNWAY (LADDER-RACK) SUSPENDED FROM STRUCTURE ABOVE, UON.
- CABLE TRAY WITH SOLID BOTTOM AND SOLID TOP, SUSPENDED FROM STRUCTURE ABOVE, UON.
- "BASKET STYLE" CABLE TRAY, SUSPENDED FROM STRUCTURE ABOVE, UON.
- MAIN CABLE HANGER ROUTE
- CONDUIT STUB THROUGH WALL OR FLOOR, NUMBERS INDICATE SIZE AND QUANTITY.
- "EZ-PATH" TYPE FIRESTOP DEVICE, NOTES INDICATE SIZE AND QUANTITY.

TELECOMMUNICATIONS

NOT ALL SYMBOLS MAY BE USED

- WALL CEILING FLOOR POKETHRU
- TELECOMMUNICATIONS OUTLET SYMBOL ATTRIBUTE DENOTES OUTLET CONFIGURATION
- CAVITY OUTLET SYMBOL ATTRIBUTE DENOTES OUTLET CONFIGURATION
- EXISTING TELECOM DEVICE OUTLET TO REMAIN SYMBOL ATTRIBUTE DENOTES OUTLET CONFIGURATION
- EXISTING TELECOM DEVICE OUTLET FOR DEMOLITION SYMBOL ATTRIBUTE DENOTES OUTLET CONFIGURATION
- SPECIALTY OUTLET SYMBOL ATTRIBUTE DENOTES OUTLET CONFIGURATION
- TELECOM FEED POINT TO FURNITURE OR RACEWAY DENOTES DEVICE CONFIGURATION
- DISTRIBUTED ANTENNA SYSTEM SYMBOL ATTRIBUTE DENOTES DEVICE CONFIGURATION
- SECURITY IP CAMERA SYMBOL ATTRIBUTE DENOTES DEVICE CONFIGURATION. (REFER TO SECURITY DRAWINGS FOR ADDITIONAL INFORMATION)
- PULLBOX SIZE AND TYPE SPECIFIED BY NUMBERED NOTE



AUDIOVISUAL

NOT ALL SYMBOLS MAY BE USED

- CEILING BOX
- FLOOR BOX
- POKE-THRU DEVICE
- LOUDSPEAKER BACKCAN
- WALL BOX
- PROJECTION SCREEN
- FIXED PROJECTOR

GENERAL NOTES

APPLIES TO ALL SHEETS

- GENERAL:**
- THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE AND DEFINE TYPICAL GRAPHIC SYMBOLS, AND SYSTEMS OF GRAPHIC SYMBOLS, WHICH MAY OCCUR ON THE [TELECOMMUNICATIONS / AUDIOVISUAL] DRAWINGS. THE ILLUSTRATION OF A SYMBOL, OR SYSTEM OF SYMBOLS, ON THIS SHEET DOES NOT NECESSARILY INDICATE THAT THE BUILDING ITEM OF THE DESCRIBED SYSTEM BY THE SYMBOL IS USED AS PART OF THIS PROJECT. REFER TO THE PLANS, ELEVATIONS, SECTIONS, SCHEDULES, DETAILS, AND SPECIFICATIONS TO DETERMINE THE SCOPE OF THE WORK.
 - THE WORK - INCLUDING MATERIALS, METHODS, ASSEMBLIES, ETC - SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE GOVERNING LAWS, ORDINANCES, AND REGULATIONS OF ALL FEDERAL, STATE, DISTRICT, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT, AS WELL AS THOSE GREATER REQUIREMENTS INDICATED BY THE CONTRACT DOCUMENTS. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A GOVERNING LAW, ORDINANCE, OR REGULATION.
 - THE [TELECOMMUNICATION / AUDIOVISUAL] DRAWINGS ARE PART OF A LARGER SET OF DRAWINGS WHICH, WHEN COMPLETE, CONSISTS OF DRAWINGS LISTED BY THE "INDEX OF DRAWINGS". THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED BY THE WORK AND REQUIREMENTS DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND MAY REQUIRE REFERENCE TO THE DRAWINGS OF ANOTHER DISCIPLINE. PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED BY THE CONTRACTOR, MANAGE, SUPERVISE, REVIEW, AND COORDINATE THE WORK OF SUB-CONTRACTORS, TRADES, AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION AND TO ASSURE THAT PARTIES ARE AWARE OF REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MAY AFFECT THE WORK OF THAT PARTY.
 - THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF EXPOSED ELEMENTS OF THE WORK OF TRADES, INCLUDING THAT WORK THAT IS ILLUSTRATED PRIMARILY ON THESE DRAWINGS. LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
 - MAINTAIN A COPY OF THE SPECIFICATIONS AND DRAWINGS AT THE JOB SITE. PRESENT THE SPECIFICATIONS AND DRAWINGS UPON REQUEST. MAINTAIN DAILY MARKUPS OF ACTUAL INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.
 - REFER TO WRITTEN SPECIFICATIONS FOR PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECIFICATIONS, AND INSTALLATION REQUIREMENTS. WHERE QUANTITY AND QUALITY DIFFER, THE HIGHER OF EACH SHALL PREVAIL.
 - PROVIDE NECESSARY EQUIPMENT AND ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM THAT MEETS INTENDED DESIGN WHETHER EXPRESSLY SPECIFIED OR NOT.
 - PROVIDE MATERIALS AND EQUIPMENT LISTED BY UNDERWRITERS LABORATORIES FOR THE PURPOSE USED AND BEARING THEIR LABEL.
 - PRIOR TO PERFORMING WORK, IMMEDIATELY NOTIFY THE OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING OF OBSERVATIONS OR CONDITIONS DISCOVERED THAT WOULD PREVENT INSTALLATION ACCORDING TO DRAWINGS AND SPECIFICATIONS.
 - BRING A SET OF MARKED UP PLANS TO WEEKLY CONSTRUCTION MEETINGS FOR OWNER'S, OR OWNER'S REPRESENTATIVE'S, APPROVAL PRIOR TO PRODUCTION OF AS-BUILT DRAWINGS FOR RECORD DOCUMENTATION.
 - REMOVE ABANDONED CABLING LEFT OVER CONDUIT, WIRE, SCRAPS, ETC. LEAVE PREMISES CLEAN AND FREE OF TRASH OR DEBRIS RESULTING FROM WORK, AND PROPERLY RECYCLE APPLICABLE MATERIAL ACCORDING TO ALL CODE REQUIREMENTS FOR SUCH MATERIAL.
- TELECOMMUNICATIONS PATHWAYS:**
- INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE HANGERS, AND PULLBOXES, ETC., ACCORDING TO STATE AND LOCAL CODES AND REGULATORY REQUIREMENTS FOR SEISMIC BRACING.
 - INSTALL CONDUIT PATHWAYS PER TIA/EIA-569-B AND BUILDING INDUSTRIES CONSULTING SERVICES INTERNATIONAL (BICSI) TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL (TDMM).
 - CONDUIT ROUTING, WHERE SHOWN ON DRAWINGS, IS DIAGRAMMATIC IN NATURE. FIELD DETERMINE CONDUIT ROUTES TO SUIT FIELD CONDITIONS WHILE CONFORMING TO SPECIFICATIONS. PREPARE SHOP DRAWINGS SHOWING EXACT CONDUIT ROUTES, INDICATING PENETRATION TYPES (e.g., FRAMED WALL, CONCRETE WALL, ETC.). COORDINATE REQUIREMENTS WITH OTHER TRADES.
 - ROUTE CONDUIT, CABLE TRAYS, AND OTHER PATHWAYS PERPENDICULAR OR PARALLEL TO BUILDING LINES, IN GENERAL.
 - CONDUITS WITH LESS THAN 2" INSIDE DIAMETER WILL HAVE A BEND RADIUS OF NO LESS THAN 6 TIMES THE INSIDE DIAMETER. CONDUITS WITH A 2" OR GREATER INSIDE DIAMETER WILL HAVE A BEND RADIUS OF NO LESS THAN 10 TIMES THE INSIDE DIAMETER.
 - CONDUIT RUNS SHALL NOT EXCEED 180 DEGREE OR TWO 90-DEGREE BENDS WITHOUT AN APPROPRIATE NEMA RATED PULL BOX OR/AND INCREASE CONDUIT BY ONE TRADE SIZE FOR EACH ADDITIONAL BEND OF UP TO 90 DEGREES, UNLESS LAST BEND IS WITHIN 12 INCHES OF THE CONDUIT END.
 - WHEN ROUTING CONDUIT IN CONCRETE, MAINTAIN A GRADUATED BEND RADIUS TO MAINTAIN CONDUIT CAPACITY. THE USE OF 90-DEGREE "ELBOW" FITTINGS IS EXPRESSLY PROHIBITED UNLESS PRIOR AUTHORIZATION IS RECEIVED FROM OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING.
 - PROPERLY FIRE SEAL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS TO MAINTAIN THE FIRE SEPARATION RATING. PROVIDE FIRE SEALING ASSEMBLIES THAT ARE UL LISTED FOR THE APPLICATION. COORDINATE REQUIREMENTS WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION. DO NOT MIX PRODUCTS BETWEEN MANUFACTURED ASSEMBLIES.
 - PROVIDE EXPANSION/DEFLECTION FITTINGS FOR CONDUITS AT STRUCTURAL EXPANSION JOINT CROSSINGS.
 - PROVIDE PLASTIC BUSHINGS ON EXPOSED ENDS OF CONDUIT AND SLEEVES, WHETHER VISIBLE OR NOT.
 - PROVIDE EMT 4" TRADE SIZE CONDUITS FOR BACKBONE PATHWAYS WITH 40" MINIMUM BEND RADIUS FITTINGS, UON.
 - PROVIDE MINIMUM OF 1 INCH SIZE CONDUIT FOR HORIZONTAL DISTRIBUTION AND TELECOMMUNICATIONS DEVICES. CONSOLIDATION OF CONDUITS IS ALLOWED WHEN EQUAL OR GREATER CONSOLIDATED AREA IS PROVIDED.
 - PROVIDE DEDICATED CONDUIT STUB PER TELECOMMUNICATIONS DEVICE BOX. DAISY-CHAINING DEVICE BOXES IS PROHIBITED UNLESS SPECIFICALLY NOTED ON FLOOR PLANS.
 - CONDULET ("LB", ETC.) FITTINGS ARE EXPRESSLY PROHIBITED FOR TELECOMMUNICATIONS SYSTEM PATHWAYS.
 - PROVIDE A PULL STRING IN EMPTY/UNUSED DISTRIBUTION CONDUITS AND CONDUITS SERVING TELECOMMUNICATIONS DEVICES SUITABLE FOR A 200 LB PULL TENSION MINIMUM.
 - PROVIDE DEDICATED SUPPORTS (e.g., CLIPS & WIRES) FOR CABLE SUPPORT HANGERS (OR SIMILAR PATHWAY COMPONENTS) INTENDED FOR TELECOMMUNICATIONS CABLES.
 - DO NOT SHARE SUPPORTS WITH OTHER TRADES/SYSTEMS, OTHER THAN SECURITY AND/OR AUDIOVISUAL.
 - PROVIDE TELECOMMUNICATION CONDUITS FOR CABLING ROUTED THROUGH NON-ACCESSIBLE CEILING SPACE (e.g., "HARD LID" CEILING), UON. SIZE CONDUITS TO MAINTAIN A FULL CAPACITY NO LESS THAN 40% PLUS 50% SPARE CAPACITY.
 - INSTALL TELECOMMUNICATIONS DEVICES AT HEIGHTS NOTED ON SYMBOLS LIST OR DEVICE SCHEDULE, UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR STATED IN SPECIFICATIONS. MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE. REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR ADDITIONAL INFORMATION OR EXACT LOCATIONS OF WALL/CEILING/FLOOR MOUNTED DEVICES. VERIFY HEIGHTS ARE THE SAME AS ACCOMPANYING POWER RECEPTACLES AND NOTIFY OWNER, OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCY.
 - PROVIDE A 24" MINIMUM SEPARATION BETWEEN "BACK-TO-BACK" TELECOMMUNICATION POWER OR SIGNAL DEVICES IN FRAMED WALLS.
- TELECOMMUNICATIONS CABLING & DEVICES:**
- DO NOT TIE CABLES TO OTHER STRUCTURES NOT INTENDED FOR THIS SPECIFIC USE. DO NOT TIE CABLES TO CABLE TRAY.
 - ROUTE TELECOMMUNICATIONS CABLES PERPENDICULAR OR PARALLEL TO BUILDING LINES, IN GENERAL. ROUTE TELECOMMUNICATIONS CABLES NO LESS THAN 6 INCHES FROM ANY POWER SOURCE OR FLORESCENT LIGHTING FIXTURE, AND NO LESS THAN 4 FEET FROM ANY TRANSFORMER OR MOTOR.
 - GROUP AND DRESS EXPOSED TELECOMMUNICATIONS CABLE GROUPS USING VELCRO TIES, UON.
 - LABEL TELECOMMUNICATIONS CABLES ACCORDING TO SPECIFICATIONS. PROVIDE LABELS AT BOTH ENDS. PROVIDE SAMPLE LABELS TO THE OWNER, OR OWNER'S REPRESENTATIVE AND OBTAIN WRITTEN APPROVAL PRIOR TO LABELING (VERIFY FORMAT AND REQUIRED FIELDS OF INFORMATION).
- TELECOMMUNICATIONS ROOMS:**
- COMPONENTS NOT RELATED TO THE SUPPORT OF THE TELECOMMUNICATIONS ROOM(S) FUNCTION (E.G., PIPING, DUCTWORK, PNEUMATIC TUBING, ETC.) SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE TELECOMMUNICATIONS ROOM.
 - VALVE OR RUBBER TUBING COMPONENTS CONTAINING LIQUID MUST BE LOCATED OUTSIDE THE TELECOMMUNICATION ROOM(S) WHEN POSSIBLE. WHEN NOT POSSIBLE, TUBING CONTAINING LIQUIDS MUST BE ENCLOSED WITH A SPLASH GUARD AND MUST HAVE DRAINAGE THAT PREVENTS THE BUILDUP OF LIQUID WITHIN THE TELECOMMUNICATION ROOMS.

DRAWING INDEX

SHEET NUMBER	SHEET TITLE	ISSUE LOG	
		DATE	DESCRIPTION
T0.01	SYMBOLS LIST AND DRAWING INDEX	X	X
T0.02	SCHEDULES - OUTLET	X	X
T0.03	SCHEDULES - AUDIOVISUAL BACKBOX	X	X
T0.11	RISER DIAGRAM - PATHWAYS	X	X
T0.12	RISER DIAGRAM - GROUNDING	X	X
T0.13	RISER DIAGRAM - CABLING	X	X
T0.16	DIAGRAM - HORIZONTAL CABLE ROUTING	X	X
T0.17	DIAGRAM - HORIZONTAL CABLE ROUTING	X	X
T0.20	RISER DIAGRAM - AUDIOVISUAL	X	X
T2.11A	PARTIAL FLOOR PLAN - FIRST FLOOR - NORTH	X	X
T2.11B	PARTIAL FLOOR PLAN - FIRST FLOOR - SOUTH	X	X
T2.12A	PARTIAL FLOOR PLAN - SECOND FLOOR - NORTH	X	X
T2.12B	PARTIAL FLOOR PLAN - SECOND FLOOR - SOUTH	X	X
T2.13A	PARTIAL FLOOR PLAN - THIRD FLOOR - NORTH	X	X
T2.13B	PARTIAL FLOOR PLAN - THIRD FLOOR - SOUTH	X	X
T3.11A	REFLECTED CEILING PLAN - FIRST FLOOR - NORTH	X	X
T3.11B	REFLECTED CEILING PLAN - FIRST FLOOR - SOUTH	X	X
T3.12	REFLECTED CEILING PLAN - SECOND FLOOR	X	X
T3.13	REFLECTED CEILING PLAN - THIRD FLOOR	X	X
T4.04	ROOM PLANS AND ELEVATIONS - TYPICAL NORTH IDF ROOM	X	X
T4.04A	ROOM PLANS AND ELEVATIONS - TYPICAL NORTH IDF ROOM	X	X
T4.05	ROOM PLANS AND ELEVATIONS - TYPICAL SOUTH IDF ROOM	X	X
T4.05A	ROOM PLANS AND ELEVATIONS - TYPICAL SOUTH IDF ROOM	X	X
T5.21	INSTALLATION DETAILS - AUDIOVISUAL	X	X
T5.22	INSTALLATION DETAILS - AUDIOVISUAL	X	X
T5.23A	INSTALLATION DETAILS - AUDIOVISUAL	X	X
T5.23B	INSTALLATION DETAILS - AUDIOVISUAL	X	X
T5.24	PARTITION SENSOR DETAIL - AUDIOVISUAL	X	X
T6.01	COURTROOM RACKS D15-D19	-	X
T6.02	COURTROOM RACKS D20-D23	-	X
T6.03	COURTROOM FUNCTIONAL DIAGRAM D15	-	X
T6.04	COURTROOM FUNCTIONAL DIAGRAM D16	-	X
T6.05	COURTROOM FUNCTIONAL DIAGRAM D17	-	X
T6.06	COURTROOM FUNCTIONAL DIAGRAM D18	-	X
T6.07	COURTROOM FUNCTIONAL DIAGRAM D19	-	X
T6.08	COURTROOM FUNCTIONAL DIAGRAM D20	-	X
T6.09	COURTROOM FUNCTIONAL DIAGRAM D21	-	X
T6.10	COURTROOM FUNCTIONAL DIAGRAM D22	-	X
T6.11	COURTROOM FUNCTIONAL DIAGRAM D23	-	X
T6.12A	JURY ASSEMBLY ROOM, FUNCTIONAL DIAGRAM	-	X
T6.12B	JURY ASSEMBLY ROOM, FUNCTIONAL DIAGRAM	-	X
T6.13	JURY DELIBERATION/CHILD WAITING, FUNCTIONAL DIAGRAM	-	X
T6.14A	CONFERENCE ROOM 164 FUNCTIONAL DIAGRAM	-	X
T6.14B	CONFERENCE ROOM 264 FUNCTIONAL DIAGRAM	-	X
T6.14C	CONFERENCE ROOM 364 FUNCTIONAL DIAGRAM	-	X
T6.15	MEDIATION/WORKSHOP, FUNCTIONAL DIAGRAM	-	X
T6.20	JURY ASSEMBLY & MEDIATION/WORKSHOP RACKS	-	X
T6.21	CONFERENCE ROOMS, RACKS	-	X

ISSUE LOG KEY:

- X : ISSUED AS PART OF A SET
- : NOT A PART OF ISSUED SET

ABBREVIATIONS

NOT ALL ABBREV. MAY BE USED

<ul style="list-style-type: none"> A AMPERES AFC ABOVE FINISHED CEILING AFF ABOVE FINISHED FLOOR ALS ASSISTIVE LISTENING SYSTEM ARF ABOVE RAISED FLOOR AWG AMERICAN WIRE GAUGE BAS BUILDING AUTOMATION SYSTEM BCT BONDING CONDUCTOR-TELECOM BDF BUILDING DISTRIBUTION FACILITY C CONDUIT CAT3 CATEGORY 3 (UTP CABLE) CAT5E CATEGORY 5E (UTP CABLE) CAT6 CATEGORY 6 (UTP CABLE) CAT6A AUGMENTED CATEGORY 6 (UTP CABLE) CATV COMMUNITY ANTENNA TELEVISION CATVP COMM. ANTENNA TELEVISION PLENUM CMP COMMUNICATIONS MEDIA PLENUM CMR COMMUNICATIONS MEDIA RISER D DEEP DAS DISTRIBUTED ANTENNA SYSTEM DIV DIVISION (E) EXISTING EC ELECTRICAL CONTRACTOR EMS ELECTRICAL MANAGEMENT SYSTEM EMT ELECTRIC METALLIC TUBING EQUIP EQUIPMENT (F) FUTURE FACP FIRE ALARM CONTROL PANEL FATC FIRE ALARM TERMINAL CABINET FO FIBER OPTIC GC GENERAL CONTRACTOR GRS GALVANIZED RIGID STEEL H HIGH IDF INTERMEDIATE DISTRIBUTION FACILITY ISP INSIDE PLANT JB JUNCTION BOX MGBR MAIN BUILDING GROUNDING REFERENCE BUS 	<ul style="list-style-type: none"> MDF MAIN DISTRIBUTION FACILITY MH MAINTENANCE HOLE MM MULTIMODE MPOE MINIMUM POINT OF ENTRY (N) NEW NPF NETWORK PATCHING FACILITY NO NORMALLY OPEN NTS NOT TO SCALE OC ON CENTER OFCP OPTICAL FIBER CONDUCTIVE PLENUM OFNR OPTICAL FIBER NON-CONDUCTING RISER OFNP OPTICAL FIBER NON-CONDUCTING PLENUM OFNR OPTICAL FIBER NON-CONDUCTING RISER OSP OUTSIDE PLANT PB PULLBOX PNL PANEL PR PAIR (OF COPPER CONDUCTORS) PVC POLYVINYL CHLORIDE SAD SEE ARCHITECTURAL DRAWINGS SED SEE ELECTRICAL DRAWINGS SM SINGLEMODE ScTP SCREENED TWISTED PAIR STR STRANDS (OF FIBER OPTIC CABLE) STP SHIELDED TWISTED PAIR TBB TELECOM BONDING BACKBONE TBC TELECOM BONDING CONDUCTOR TGB TELECOM GROUNDING BUSBAR TMOB TELECOM MAIN GROUNDING BUSBAR TYP TYPICAL UON UNLESS OTHERWISE NOTED UPS UNINTERRUPTIBLE POWER SUPPLY UTP UNSHIELDED TWISTED PAIR V VOLTS WAP WIRELESS ACCESS POINT W WIDE WP WEATHERPROOF
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SYMBOLS LIST AND DRAWING INDEX

SCALE AS NOTED
AS-BUILTS: 15-14-13

TELECOMMUNICATIONS OUTLET DEVICE SCHEDULE

DEVICE TYPE	SYMBOL	PORT NUMBER - CABLE ASSIGNMENTS <small>REFER TO TABLE SERVICE TYPES FOR DETAILS</small>							WORKSTATION OUTLETS (PATHWAY SERVICE, CONFIGURATIONS, MOUNTING, AND TERMINATIONS)								PATCHING AND CROSSCONNECTING REQUIREMENTS							
		#1	#2	#3	#4	#5	#6	COMMENTS	PATHWAY FEED	COMMENTS	DEVICE BOX	COMMENTS	RING	COMMENTS	MOUNTING	COMMENTS	FACEPLATE/OUTLET	COMMENTS	WORKSTATION	COMMENTS	MDF/IDF ROOM	COMMENTS	-	COMMENTS
STANDARD WALL OUTLET	VA	"D"	"D"	"D"	B	-	-	-	(1) 1-1/4" CONDUIT	1	5" x 5" x 2.875"	9	SINGLE GANG	2	WALL, FLUSH, +18" AFF (UON)	-	FACEPLATE, 4-PORT	5	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10' PORT-3: NONE	9	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7' PORT-3: NONE	9	-	-
WALL OUTLET	VB	"D"	"D"	-	-	-	-	-	(1) 1-1/4" CONDUIT	1	5" x 5" x 2.875"	9	SINGLE GANG	2	WALL, FLUSH, +18" AFF (UON)	-	FACEPLATE, 2-PORT	-	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: NONE	9	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: NONE	9	-	-
ABOVE COUNTER OUTLET	VC	"D"	"D"	-	-	-	-	-	(1) 1-1/4" CONDUIT	1	5" x 5" x 2.875"	9	SINGLE GANG	2	WALL, FLUSH, +6" ABOVE COUNTER (UON)	-	FACEPLATE, 2-PORT	-	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: NONE	9	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: NONE	9	-	-
ELEVATOR PHONE LINE	VE	"V"	-	-	-	-	-	5	(1) 1" CONDUIT	5	4-11/16" x 4-11/16" x 2-1/8"	-	SINGLE GANG	2	-	-	-	-	-	-	PORT-1: (1) 110 TO MODULAR CORD, 7'	7	-	-
FIRE ALARM PHONE LINE	VA	"V"	-	-	-	-	-	5	(1) 1" CONDUIT	5	4-11/16" x 4-11/16" x 2-1/8"	-	SINGLE GANG	2	-	-	-	-	-	-	PORT-1: (1) 110 TO MODULAR CORD, 7'	7	-	-
BUILDING MGMT. SYSTEM	BMS	"D"	-	-	-	-	-	5	(1) 1" CONDUIT	5	4-11/16" x 4-11/16" x 2-1/8"	-	SINGLE GANG	2	-	-	-	-	-	-	PORT-1: (1) CAT6A MODULAR CORD, 7'	7	-	-
FURNITURE OUTLET	VF	"D"	"D"	"D"	B	-	-	-	FURNITURE RACEWAY	6	FURNITURE RACEWAY	-	-	-	WITHIN FURNITURE RACEWAY	-	FACEPLATE, 4-PORT	8	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10' PORT-3: NONE PORT-4: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7' PORT-3: NONE PORT-4: NONE	7	-	-
WALL PHONE	VW	"V"	-	-	-	-	-	-	(1) 1" CONDUIT	1	4-11/16" x 4-11/16" x 2-1/8"	-	SINGLE GANG	2	WALL, FLUSH, +48" AFF (UON)	-	FACEPLATE, "WALL PHONE" TYPE	-	PORT-1: (1) CAT6A MODULAR CORD, 10'	7	PORT-1: (1) 110 TO MODULAR CORD, 7'	7	-	-
AREA OF REFUGE PHONE	ADR	"V"	-	-	-	-	-	11	(1) 1" CONDUIT	1	BY DEVICE MANUFACTURER	-	BY DEVICE MANUFACTURER	-	WALL, FLUSH, +48" AFF (UON)	-	-	-	-	-	PORT-1: (1) 110 TO MODULAR CORD, 7'	7	-	-
WIRELESS ACCESS POINT	WAP	"D"	"D"	-	-	-	-	-	CABLE TRAY AND/OR CABLE HANGER	-	SURFACE MOUNTED BOX	-	-	-	ABOVE ACCESSIBLE CEILING	-	2-PORT	-	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: NONE	7	-	-
PROJECTOR OUTLET	PRJ	"D"	-	-	-	-	-	-	CABLE TRAY AND/OR CABLE HANGER	-	SURFACE MOUNTED BOX	-	-	-	ABOVE ACCESSIBLE CEILING	-	2-PORT	-	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: NONE	7	-	-
FLAT PANEL DISPLAY OUTLET	FPD	"D"	"D"	-	-	-	-	-	(1) 1" CONDUIT	-	4-11/16" x 4-11/16" x 2-1/8"	-	SINGLE GANG	-	FLUSH WITH CEILING	-	2-PORT	-	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10'	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7'	7	-	-
FLOOR BOX FOR COUNSEL TABLE	FB ^{CT}	"D"	"D"	"D"	"B"	-	-	3	1-1/4" CONDUIT	1	FLOORBOX	1, 3, 11	-	-	IN-FLOOR, FLUSH MOUNTED	11	FACEPLATE, 4-PORT	8	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10' PORT-3: (1) CAT6A MODULAR CORD, 10' PORT-4: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7' PORT-3: (1) CAT6A MODULAR CORD, 7' PORT-4: NONE	7	-	-
FLOOR BOX FOR LECTERN	FB ^{LC}	"D"	"D"	"D"	"B"	-	-	3	1-1/4" CONDUIT	1	FLOORBOX	1, 3, 11	-	-	IN-FLOOR, FLUSH MOUNTED	11	FACEPLATE, 4-PORT	8	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10' PORT-3: (1) CAT6A MODULAR CORD, 10' PORT-4: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7' PORT-3: (1) CAT6A MODULAR CORD, 7' PORT-4: NONE	7	-	-
FLOOR BOX FOR CONF. ROOM	FB ^{CF}	"D"	"D"	"D"	"B"	-	-	3	1-1/4" CONDUIT	1	FLOORBOX	1, 3, 11	-	-	IN-FLOOR, FLUSH MOUNTED	11	FACEPLATE, 4-PORT	8	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10' PORT-3: (1) CAT6A MODULAR CORD, 10' PORT-4: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7' PORT-3: (1) CAT6A MODULAR CORD, 7' PORT-4: NONE	7	-	-
FLOOR BOX FOR CONF. ROOM	FB ^{CF2}	"D"	"D"	"D"	"B"	-	-	3	1-1/4" CONDUIT	1	FSR INC., #FL-500P	1, 3	-	-	IN-FLOOR, FLUSH MOUNTED	-	FACEPLATE, 4-PORT	8	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10' PORT-3: (1) CAT6A MODULAR CORD, 10' PORT-4: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7' PORT-3: (1) CAT6A MODULAR CORD, 7' PORT-4: NONE	7	-	-
DATA/POWER POKETHRU DEVICE	PT	"D"	"D"	"D"	"B"	-	-	3	1-1/4" CONDUIT	1	POKETHRU DEVICE	1, 3	-	-	IN-FLOOR, FLUSH MOUNTED	-	FACEPLATE, 4-PORT	8	PORT-1: (1) CAT6A MODULAR CORD, 10' PORT-2: (1) CAT6A MODULAR CORD, 10' PORT-3: (1) CAT6A MODULAR CORD, 10' PORT-4: NONE	7	PORT-1: (1) CAT6A MODULAR CORD, 7' PORT-2: (1) CAT6A MODULAR CORD, 7' PORT-3: (1) CAT6A MODULAR CORD, 7' PORT-4: NONE	7	-	-

CABLE SERVICE TYPES, AND TERMINATIONS

DESCRIPTOR	CABLE TYPE	CONDUCTORS	NEC	TERMINATION TYPE AT EQUIPMENT ROOM
"V"	UTP CAT6A	4 TWISTED PAIRS (23 AWG)	CMP	HORIZONTAL VOICE FIELD - ONTO RACK MOUNTED MODULAR PATCH PANELS
"D"	UTP CAT6A	4 TWISTED PAIRS (23 AWG)	CMP	HORIZONTAL DATA FIELD - ONTO RACK MOUNTED MODULAR PATCH PANELS
"B"	NONE	NONE	-	BLANK INSERT IN UNUSED PORT

- NUMBERED COMMENTS:**
- PROVIDE CONDUIT STUB FROM ACCESSIBLE CEILING SPACE DOWN WALL TO DEVICE BOX, WITH PULL STRING. COORDINATE CONDUIT INSTALLATION WITH COURTROOM MILLWORK AS REQUIRED TO PROVIDE PATHWAYS TO ACCESSIBLE CEILING SPACE OR DIRECTLY TO IDF ROOM.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE DEVICE BOX AND RING.
 - DEVICE SHARED WITH ELECTRICAL. REFER TO ELECTRICAL FOR DEVICE TYPE AND INSTALLATION REQUIREMENTS.
 - COORDINATE THE INSTALLATION WITH SPECIALTY EQUIPMENT CONTRACTOR (I.E. ELEVATOR, SECURITY, FIRE ALARM), INCLUDING DEVICE TYPE, LOCATION, & INSTALLATION HEIGHT, AND CONNECTION TO EQUIPMENT'S CONTROL PANEL.
 - ELECTRICAL CONTRACTOR TO HOMERUN CONDUIT FROM SYSTEM'S CONTROL PANEL TO NEAREST TELECOMMUNICATIONS PRIMARY PATHWAY. LABEL CONDUIT AT BOTH ENDS AS "TELECOM". PROVIDE PULL STRING.
 - COORDINATE FACEPLATE TYPE WITH FURNITURE VENDOR.
 - VERIFY CORD LENGTH AND COLOR WITH CUSTOMER PRIOR TO PROCUREMENT.
 - PROVIDE FACEPLATE TO INTEGRATE WITH POKETHRU OR FLOOR BOX SYSTEM.
 - RANDL INDUSTRIES TB-55057/T-550177 SERIES
 - AREA OF REFUGE PHONE. REFER TO SPECIFICATION SECTION 271513 FOR AREA OF REFUGE COMMUNICATION DEVICE.
 - DEVICE BOX SHARED WITH AUDIOVISUAL. REFER TO T0.03 AUDIOVISUAL BACK BOX SCHEDULE FOR DEVICE BOX REQUIREMENTS.

GENERAL COMMENTS:

- REFER TO FLOOR PLANS FOR DIAGRAMMATIC LAYOUT OF TELECOMMUNICATION DEVICES. REFER TO ARCHITECTURAL LAYOUTS AND ELEVATIONS FOR EXACT PLACEMENT OF TELECOM DEVICES.
- REFER TO DIAGRAMS ON SHEET(S) T0.16 AND T0.17 FOR HORIZONTAL CABLING ROUTING REQUIREMENTS.

TELECOMMUNICATIONS FURNITURE/RACEWAY FEED POINT SCHEDULE

OUTLETS (PATHWAY SERVICE, CONFIGURATIONS, MOUNTING, AND TERMINATIONS)

DESCRIPTION	SYMBOL	PATHWAY FEED	COMMENTS	DEVICE BOX	RING	COMMENTS	MOUNTING	COMMENTS	FACEPLATE	COMMENTS	FEED TO FURNITURE	COMMENTS
STANDARD WALL FEED POINT	⊕	1-1/4" CONDUIT	4	5" X 5" X 2.875"	SINGLE-GANG	2	FLUSH, + 18" AFF	-	PLATE WITH (1) 1-1/4" PASS-THROUGH HOLE	-	1-1/4" SPLIT DUCT (BLACK)	3
STANDARD FLOOR FEED POINT	⊙	1-1/4" CONDUIT TO POKE-THROUGH OR FLOOR BOX	4	PASS THROUGH POKE THRU OR FLOOR BOX	-	1	FLUSH, FLOOR	-	-	-	1-1/4" SPLIT DUCT (BLACK)	3
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

- NUMBERED COMMENTS:**
- REFER TO ELECTRICAL DRAWINGS AND SPECIFICATION FOR DEVICE TYPE.
 - ELECTRICAL CONTRACTOR PROVIDES DEVICE BOX AND RING.
 - SPLIT DUCT TO FURNITURE SYSTEM BY TELECOMMUNICATIONS CONTRACTOR.
 - ELECTRICAL CONTRACTOR PROVIDES CONDUIT STUB FROM ACCESSIBLE CEILING SPACE TO DEVICE BOX.

- GENERAL COMMENTS:**
- REFER TO FLOOR PLANS FOR DEVICE LOCATIONS. ALSO REFER TO ELECTRICAL DRAWINGS FOR FEEDPOINT AND DEVICE BOX INSTALLATION DETAILS.
 - REFER TO SHEET T0.14 FOR HORIZONTAL PATHWAY ROUTING DIAGRAMS AND REQUIREMENTS.

SCHEDULES - OUTLET

SCALE AS NOTED
AS BUILTS. 10-14-13

AUDIOVISUAL BACKBOX SCHEDULE

SYMBOL	DESCRIPTION	PATHWAY FEED	COMMENTS	DEVICE BOX	RING	COMMENTS	MOUNTING	COMMENTS FACEPLATE	COMMENTS	NOTES
Ⓢ ^{FPD}	CEILING BOX FOR CEILING MOUNTED FLAT PANEL DISPLAY	SEE RISER DIAGRAM.	1.c	2 GANG, 2-1/2" DEEP	-	2	FLUSH MOUNTED	-	5, 7	-
Ⓢ ^{PS}	CEILING BOX INFRARED PARTITION SENSOR	SEE RISER DIAGRAM.	1.c	1 GANG, 2 1/2" DEEP	-	2	IN-CEILING, FLUSH MOUNTED	-	-	-
Ⓢ ^{PR}	CEILING BOX FOR PROJECTOR	SEE RISER DIAGRAM.	1.a	3 GANG, 2 1/2" DEEP	-	2	FLUSH MOUNTED	6	5, 7	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS. ELECTRICAL OUTLET REQUIRES 10A CAPACITY.
Ⓢ ^{LS}	CEILING BOX FOR EXTERIOR LOUDSPEAKER	3/4" C TO ACCESSIBLE CEILING	1.b	1 GANG, 2 1/2" DEEP	SINGLE GANG	2	IN CEILING, FLUSH MOUNTED	6 CUSTOM WITH GROMMET FOR SPEAKER CABLE	-	-
Ⓢ ^{O1}	BACKCAN FOR CEILING MOUNTED LOUDSPEAKER IN ACCESSIBLE CEILINGS	SEE RISER DIAGRAM.	1.a, 1.b	-	-	3	IN-CEILING, FLUSH MOUNTED	-	-	DAISY CHAIN CONDUIT AS SHOWN ON PLANS. STUB LAST CONDUIT TO CABLE TRAY
Ⓢ ^{O2}	BACKCAN FOR CEILING MOUNTED LOUDSPEAKER IN NON-ACCESSIBLE CEILINGS	SEE RISER DIAGRAM.	1.c, 1.b	-	-	3	IN-CEILING, FLUSH MOUNTED	-	-	DAISY CHAIN CONDUIT AS SHOWN ON PLANS. STUB LAST CONDUIT TO CABLE TRAY
Ⓢ ^{O3}	PENDANT-STYLE CEILING MOUNTED LOUDSPEAKER	SEE RISER DIAGRAM.	1.c, 1.b	-	-	3	IN-CEILING	-	-	DAISY CHAIN CONDUIT AS SHOWN ON PLANS. STUB LAST CONDUIT TO CABLE TRAY
Ⓢ SM	BACKCAN FOR CEILING MOUNTED LOUDSPEAKER FOR SOUND MASKING	SEE RISER DIAGRAM.	-	-	-	3	IN-CEILING, FLUSH MOUNTED	-	-	DAISY CHAIN CONDUIT AS SHOWN ON PLANS. STUB LAST CONDUIT TO CABLE TRAY
Ⓢ ^{CT}	FLOOR BOX FOR COUNSEL TABLE	SEE RISER DIAGRAM.	1.c	FSR INC., #FL-500P	-	-	IN-FLOOR, FLUSH MOUNTED	4, 6	-	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
Ⓢ ^{LC}	FLOOR BOX FOR LECTERN	SEE RISER DIAGRAM.	1.c	FSR INC., #FL-500P	-	-	IN-FLOOR, FLUSH MOUNTED	4, 6	-	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
Ⓢ ^{CF}	FLOOR BOX FOR CONFERENCE ROOM	SEE RISER DIAGRAM.	1.c	FSR INC., #FL-500P	-	-	IN-FLOOR, FLUSH MOUNTED	4, 6	-	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{RP}	WALL BOX FOR COURT REPORTER	SEE RISER DIAGRAM.	1.c,d	2 GANG, 2-1/2" DEEP	-	-	IN MILLWORK AT OUTLET HEIGHT, FLUSH MOUNTED, UON	-	-	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{ALS}	WALL BOX FOR ASSISTIVE LISTENING SYSTEM	SEE RISER DIAGRAM.	1.a	1 GANG, 2-1/2" DEEP	SINGLE GANG	2	MOUNT 96" AFF TO CENTER OF BOX, UON	-	-	-
HWE ^{CAM}	WALL BOX FOR CAMERA	SEE RISER DIAGRAM.	1.a	3 GANG, 2-1/2" DEEP	2-GANG	2	MOUNT 96" AFF TO CENTER OF BOX, UON	-	-	-
HWE ^{CL1}	WALL BOX FOR CLERK	SEE RISER DIAGRAM.	1,d	5 GANG, 2-1/2" DEEP	4-GANG	-	IN MILLWORK KNEE SPACE	-	5, 7	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{CL2}	WALL BOX FOR CLERK	SEE RISER DIAGRAM.	1,d	5 GANG, 2-1/2" DEEP	4-GANG	-	IN LEDGE ABOVE WORK SURFACE	-	5	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{CP1}	WALL BOX FOR CONTROL PANEL	SEE RISER DIAGRAM.	1.a	CRESTRON # BB-6L	-	3	MOUNT AT SWITCH HEIGHT, AFF TO CENTER OF BOX, UON	-	-	-
HWE ^{CP2}	WALL BOX FOR CONTROL PANEL	SEE RISER DIAGRAM.	1.a	4 GANG, 2-1/2" DEEP	3-GANG	-	MOUNT AT SWITCH HEIGHT, AFF TO CENTER OF BOX, UON	-	-	-
HWE ^{FPD}	WALL BOX FOR FLAT PANEL DISPLAY	SEE RISER DIAGRAM.	1.a	4 GANG, 2-1/2" DEEP	4-GANG	-	MOUNT 58" AFF TO CENTER OF BOX, UON	-	5, 7	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{INT}	WALL BOX FOR AV INTERFACE	SEE RISER DIAGRAM.	-	6 GANG, 2-1/2" DEEP	4-GANG	-	IN WALL AT OUTLET HEIGHT, FLUSH MOUNTED, UON	-	5, 7	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{ID}	WALL BOX AT JUDGE LOCATION	SEE RISER DIAGRAM.	1,d	5 GANG, 2-1/2" DEEP	4-GANG	-	IN MILLWORK KNEE SPACE	-	5, 7	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{IRD}	WALL BOX FOR DISPLAY AT JURY LOCATION	SEE RISER DIAGRAM.	1,d	2 GANG, 2-1/2" DEEP	-	-	IN MILLWORK 6" BELOW TOP OF PONY WALL	-	-	-
HWE ^{IRM}	WALL BOX FOR MICROPHONE AT JURY LOCATION	SEE RISER DIAGRAM.	1,d	1 GANG, 2-1/2" DEEP	-	-	IN MILLWORK 6" BELOW TOP OF PONY WALL	-	-	-
HWE ^{MFE}	WALL BOX FOR MEDIA FEED - EXTERIOR	SEE RISER DIAGRAM.	1.a	18" X 18" X 6", NEMA TYPE 4 STAINLESS STEEL	-	2	INTEGRATED INTO EXTERIOR PARKING LOT HARDSCAPE	-	1	WATER-TIGHT ENCLOSURE IN PARKING LOT WITHIN HARDSCAPE. COORDINATE REQUIREMENTS WITH LANDSCAPE ARCHITECT
HWE ^{MFI}	WALL BOX FOR MEDIA FEED - INTERIOR	SEE RISER DIAGRAM.	1.a	12" X 12" X 6", NEMA TYPE 4	-	2	IN WALL AT OUTLET HEIGHT, FLUSH MOUNTED, UON	-	5	-
HWE ^{PSC}	WALL BOX FOR PROJECTION SCREEN CONTROL	SEE RISER DIAGRAM.	1.a	1 GANG, 2-1/2" DEEP	SINGLE GANG	2	IN WALL AT SWITCH HEIGHT, FLUSH MOUNTED, UON	-	-	-
HWE ^{QS}	WALL BOX FOR Q-MATIC SYSTEM	SEE RISER DIAGRAM.	1.a	1 GANG, 2-1/2" DEEP	-	2	IN WALL AT 96" AFF, FLUSH MOUNTED, UON	-	5	-
HWE ^{SC}	WALL BOX FOR SCREEN CONTROLLER	SEE RISER DIAGRAM.	1.a	1 GANG, 2-1/2" DEEP	-	2	ON WALL ABOVE FINISHED CEILING, SURFACE MOUNTED, UON	-	5	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{TP8}	AUDIOVISUAL TERMINAL PANEL	VARIOUS CONDUIT SIZES FROM BOXES WITHIN ROOM. SEE RISER DIAGRAM.	-	8" x 8" x 4"	-	2	IN WALL AT OUTLET HEIGHT, FLUSH MOUNTED, UON	-	5, 7	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{TP10}	AUDIOVISUAL TERMINAL PANEL	VARIOUS CONDUIT SIZES FROM BOXES WITHIN ROOM. SEE RISER DIAGRAM.	-	10" x 10" x 4"	-	2	IN WALL AT OUTLET HEIGHT, FLUSH MOUNTED, UON	-	5, 7	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{TV}	WALL BOX FOR TELEVISION	SEE RISER DIAGRAM.	1.a	1 GANG, 2-1/2" DEEP	SINGLE GANG	2	MOUNT 58" AFF TO CENTER OF BOX, UON	- 1 GANG WITH "F" CONNECTOR	5	REFER TO ELECTRICAL DOCUMENTS FOR POWER REQUIREMENTS.
HWE ^{WT}	WALL BOX AT WITNESS LOCATION	SEE RISER DIAGRAM.	1,d	5 GANG, 2-1/2" DEEP	4-GANG	2	IN MILLWORK KNEE SPACE	-	7	-
Ⓢ ^{MIC}	CEILING MOUNTED MIC	SEE RISER DIAGRAM.	-	ATLAS 193-8-6 ENCLOSURE WITH VP161A-R4 BAFFLE	-	-	MOUNT IN CEILING	-	-	ENCLOSURE PROVIDED BY AV CONTRACTOR PENDING CO RESPONSE FROM DESIGN TEAM
Ⓢ ^{O4}	CEILING MOUNTED SPEAKER	SEE RISER DIAGRAM.	-	ATLAS 193-8-6 ENCLOSURE WITH VP161A-R4 BAFFLE	-	-	MOUNT IN CEILING	-	-	ENCLOSURE PROVIDED BY AV CONTRACTOR
(ANT)	CEILING MOUNTED ANTENNA	SEE CEILING PLAN	-	2 GANG, 3-1/2" DEEP 1G RING	-	-	-	-	-	ENCLOSURE PROVIDED BY EC

NUMBERED COMMENTS:

1. CONTRACTOR SHALL PROVIDE:
 - a. CONDUIT STUB WITH PULL STRING FROM CEILING SPACE DOWN WALL.
 - b. CONDUIT TO DAISY-CHAIN FROM BOX TO BOX.
 - c. CONDUIT TO HOMERUN TO TERMINAL PANEL AT RACK LOCATION.
 - d. COORDINATE CONDUIT INSTALLATION WITH COURTROOM MILLWORK AS REQUIRED TO PROVIDE PATHWAYS TO ACCESSIBLE CEILING SPACE OR DIRECTLY TO IDF ROOM.
2. CONTRACTOR SHALL PROVIDE DEVICE BOX AND RING.
3. AUDIOVISUAL CONTRACTOR SHALL PROVIDE DEVICE BOX.
4. DEVICE SHARED WITH ELECTRICAL. REFER TO ELECTRICAL FOR INSTALLATION REQUIREMENTS.
5. PROVIDE POWER ADJACENT TO BOX.
6. DEVICE SHARED WITH TELECOMMUNICATIONS. REFER TO TELECOMMUNICATIONS OUTLET SCHEDULE, SHEET T0.02
7. PROVIDE DATA ADJACENT TO BOX

GENERAL COMMENTS:

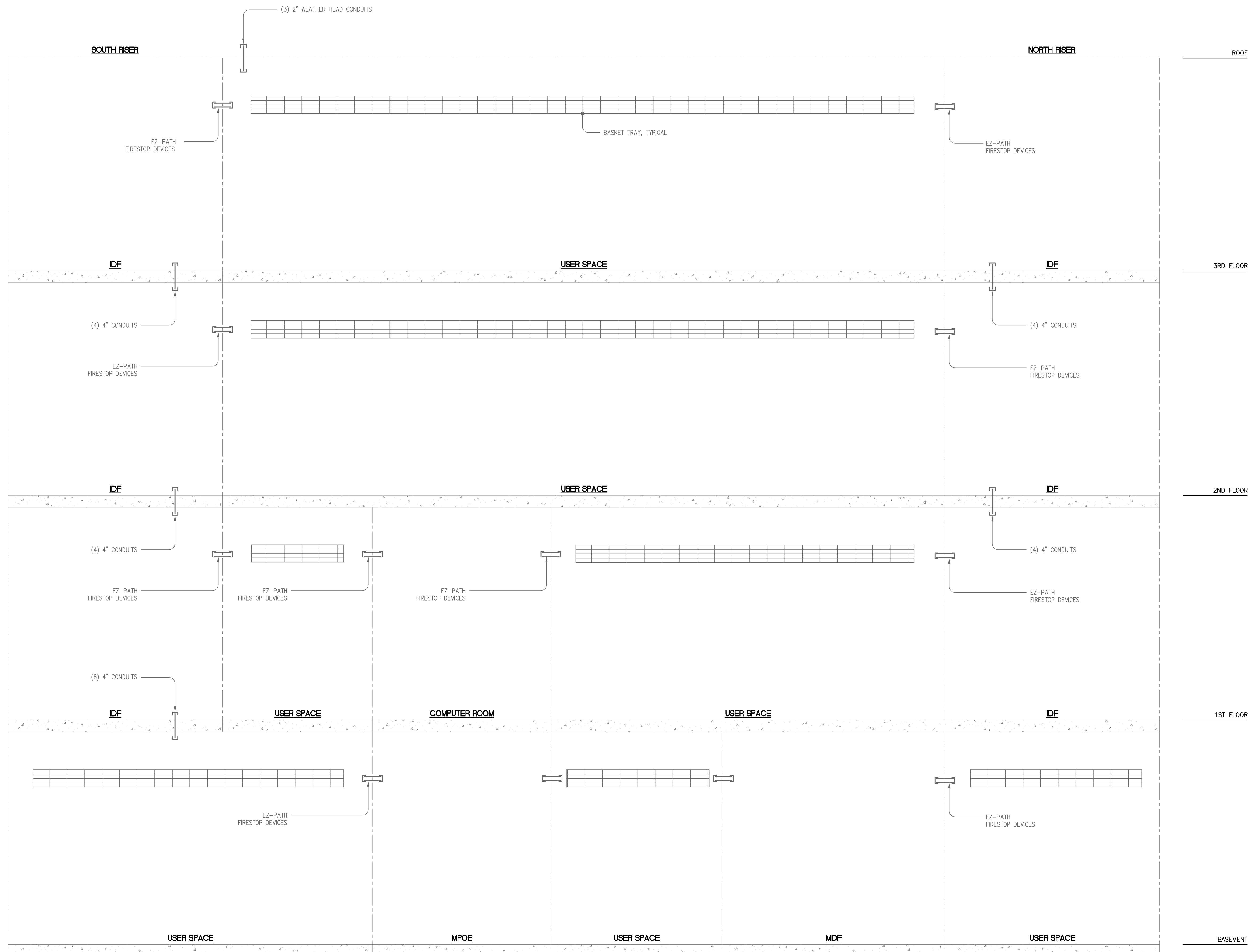
- A. CIRCUITS ARE 120 VAC, 60 HZ, 1-PHASE, UNLESS OTHERWISE NOTED.
- B. PROVIDE POWER TO THE AUDIOVISUAL SYSTEMS FROM THE SAME PHASE LEG.
- C. AUDIOVISUAL CIRCUITS SHALL HAVE THEIR OWN NEUTRAL (SHARED NEUTRALS DO NOT WORK FOR AUDIOVISUAL SYSTEMS).
- D. PROVIDE AT LEAST A 10-GAUGE GROUND WIRE. OUTLETS AND CIRCUITS TO THE PANEL THAT SERVICES AUDIOVISUAL SYSTEM DEVICES SHALL HAVE AN ISOLATED GROUND.
- E. PROVIDE A SEPARATE TRANSFORMER TAP AND SERVICE PANEL TO THE AUDIOVISUAL SYSTEM. DO NOT SHARE POWER WITH LIGHTING AND VARIABLE LOAD DEVICES (I.E.: ELEVATOR MOTORS, WATER HEATERS).
- F. REFER TO FLOOR PLANS FOR DIAGRAMMATIC LAYOUT OF AUDIOVISUAL DEVICES.

**SCHEDULES -
AUDIOVISUAL BACKBOX**

SCALE: AS NOTED
AS BUILTS. 104-13

GENERAL SHEET NOTES

1. THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE TELECOMMUNICATION PATHWAY INFRASTRUCTURE. REFER TO FLOOR PLANS AND ROOM DETAILS FOR ESTIMATING PATHWAY LENGTHS AND PLACEMENT.
2. PATHWAYS SHOWN DEDICATED FOR TELECOMMUNICATIONS, SECURITY, AND AV CABLING ONLY, UON.
3. PROVIDE FIRESTOP MATERIAL IN AND AROUND SLEEVES AND CONDUITS THAT PENETRATE FIRE RATED WALLS OR FLOORS.
4. PROVIDE PLASTIC BUSHINGS AT THE ENDS OF CONDUITS AND SLEEVES.
5. SEE FLOOR PLANS FOR DEVICE QUANTITIES.



RISER DIAGRAM - PATHWAYS

SCALE: AS NOTED
AS BUILTS. 10-14-13

GENERAL SHEET NOTES

1. THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE TELECOMMUNICATIONS GROUNDING AND BONDING INFRASTRUCTURE. REFER TO FLOOR PLANS FOR ESTIMATING BACKBONE CONDUCTOR LENGTHS AND ROOM DETAILS FOR COMPONENT PLACEMENT.
2. PROVIDE FIRESTOP MATERIAL IN AND AROUND SLEEVES AND CONDUITS THAT PENETRATE FIRE RATED WALLS OR FLOORS.
3. REFER TO GROUNDING AND BONDING DETAILS ON SHEET T-x.xx FOR INSTALLATION REQUIREMENTS.
4. LABEL BUSBARS AND GROUNDING CONDUCTORS. REFER TO SPECIFICATIONS SECTION 270526.

NUMBERED SHEET NOTES

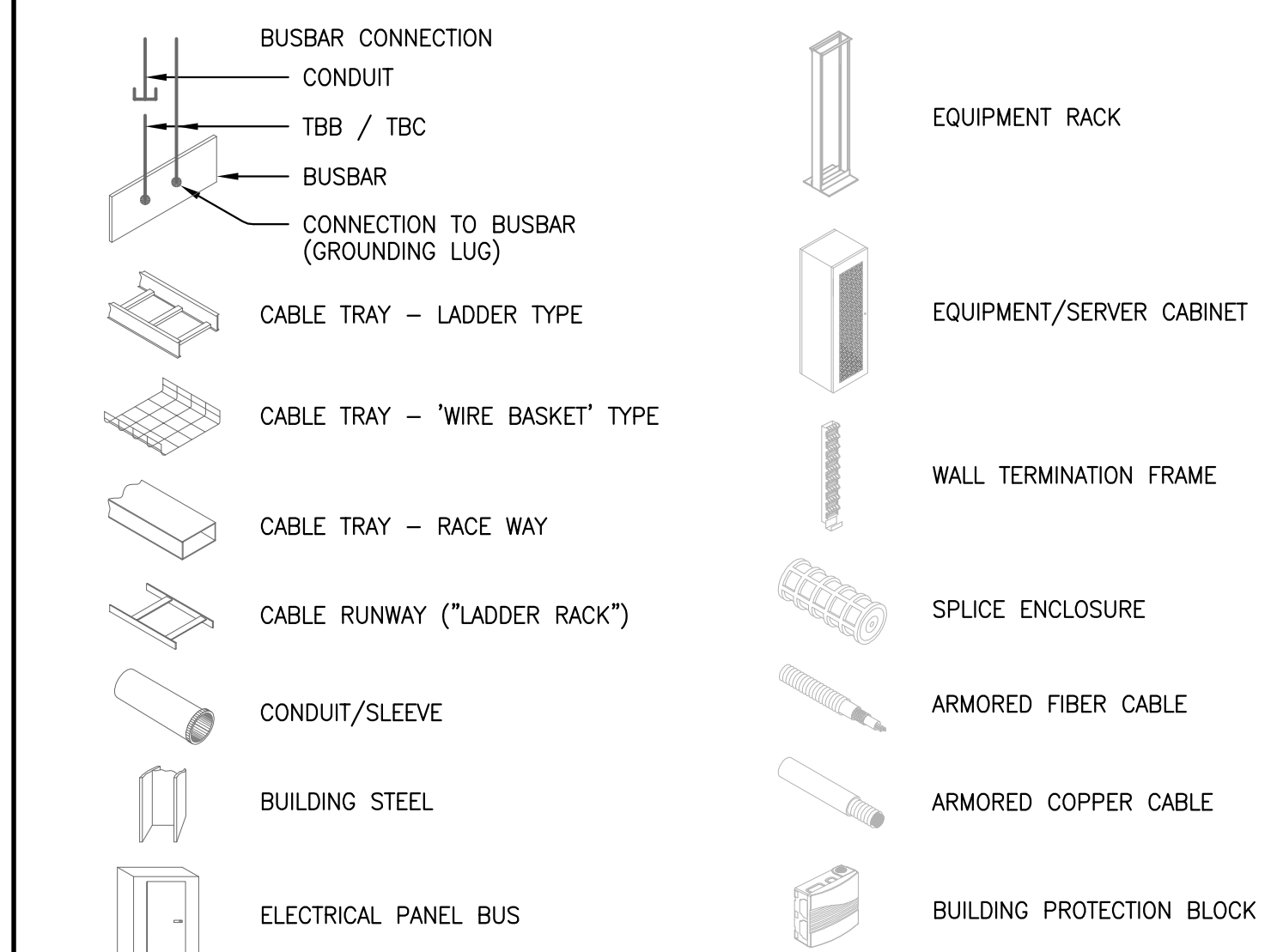
TELECOMMUNICATIONS:

- T-1** PROVIDE TBC FROM TMGB/TGB TO 110-BLOCK FRAMES. (BLOCK FRAMES AND WIRE MANAGERS MAY BE BONDED IN SERIES WITH "LAST" MANAGER BONDED TO TMGB/TGB.)
- T-2** PROVIDE TBC FROM TMGB/TGB TO EQUIPMENT RACK BAYS AND CABINETS. (RACKS MAY BE BONDED IN SERIES WITH "LAST" RACK BONDED TO TMGB/TGB.)
- T-3** PROVIDE TBC FROM TMGB/TGB TO OVERHEAD CABLE TRAY.
- T-4** PROVIDE TBC FROM TMGB/TGB TO ARMORED FIBER-OPTIC BACKBONE CABLE.
- T-5** PROVIDE TBC FROM TMGB TO WALL SPACE RESERVED FOR SERVICE PROVIDER'S COPPER MPOE. PROVIDE 15' SLACK AT DEMARCATION LOCATION. SERVICE PROVIDERS WILL CONNECT TO DEMARCATION EQUIPMENT.

ELECTRICAL:

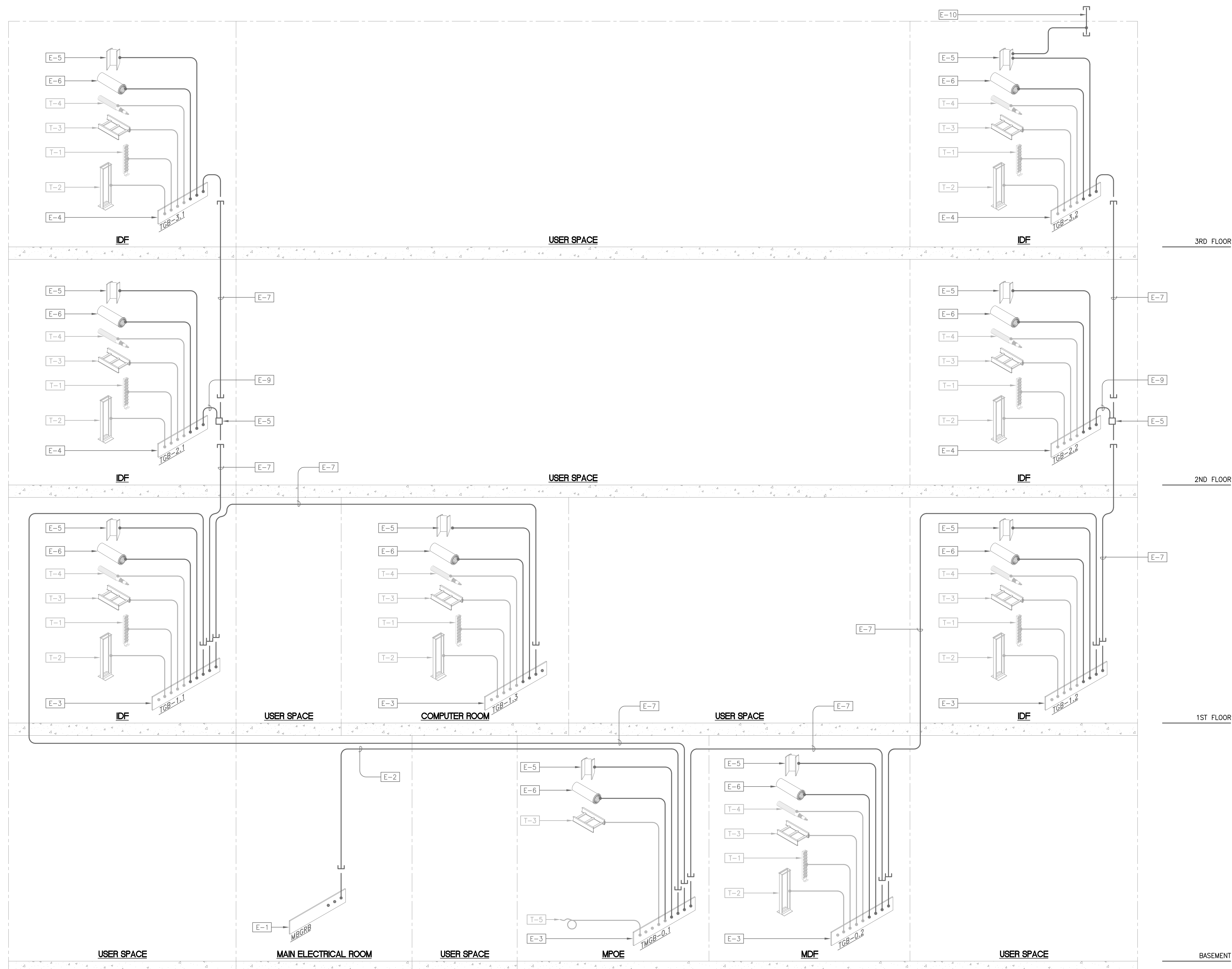
- E-1** ELECTRICAL MAIN BUILDING GROUND REFERENCE BUSBAR (MBGRB). REFER TO ELECTRICAL DRAWINGS FOR MBGRB LOCATION.
- E-2** PROVIDE 1/0.4 AWG INSULATED GROUND CONDUCTOR AS BCT, IN 1-1/4" EMT CONDUIT FROM MBGRB TO TMGB-0.1.
- E-3** PROVIDE "TMGB"-TYPE GROUNDING BUSBAR. REFER TO ROOM PLAN FOR INSTALLATION REQUIREMENTS.
- E-4** PROVIDE "TGB"-TYPE GROUNDING BUSBAR. REFER TO ROOM PLANS FOR INSTALLATION REQUIREMENTS.
- E-5** PROVIDE TBC FROM TMGB/TGB TO NEAREST BUILDING STEEL.
- E-6** PROVIDE TBC FROM TMGB/TGB TO CONDUITS. CONDUITS MAY BE BONDED IN SERIES WITH "LAST" CONDUIT BONDED TO TMGB/TGB. USE ONLY ONE GROUNDING LUG PER CONDUIT.
- E-7** PROVIDE 1/0 AWG INSULATED GROUND CONDUCTOR AS TBB FROM TMGB-0.1 TO TGB'S AND FROM TGB TO TGB. REFER TO CONDUIT RISER DIAGRAM FOR PATHWAY REQUIREMENTS.
- E-8** PROVIDE EXOTHERMIC WELD CONNECTING THE TBC TO THE TBB.
- E-9** PROVIDE TBC FROM THE TBB TO TGB.
- E-10** PROVIDE TBC TO ROOF CONDUITS.

GROUNDING RISER SYMBOLS LIST



TBC SIZING CHART

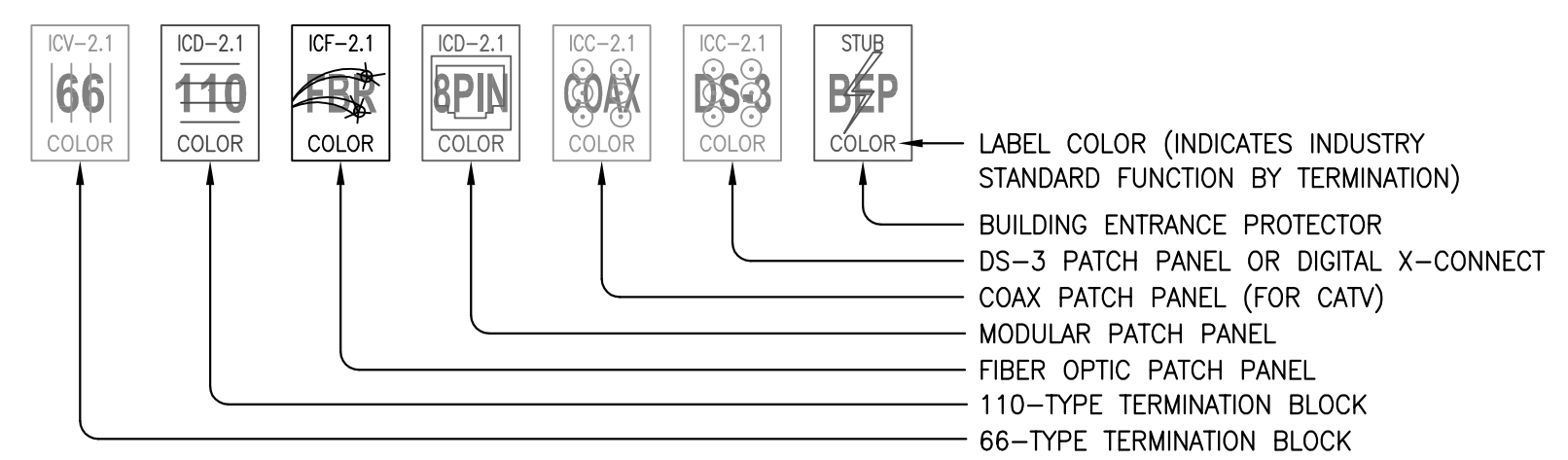
CRITICAL APPLICATIONS 'SERVER-ROOM'		NON-CRITICAL APPLICATIONS 'TEL. ROOM'	
GAUGE	LENGTH (MAX.)	GAUGE	LENGTH (MAX.)
6 AWG	13 FT	6 AWG	25 FT
4 AWG	20 FT	4 AWG	41 FT
3 AWG	26 FT	3 AWG	52 FT
2 AWG	33 FT	2 AWG	66 FT
1 AWG	41 FT	1 AWG	83 FT
1/0 AWG	52 FT	1/0 AWG	105 FT



RISER DIAGRAM - GROUNDING

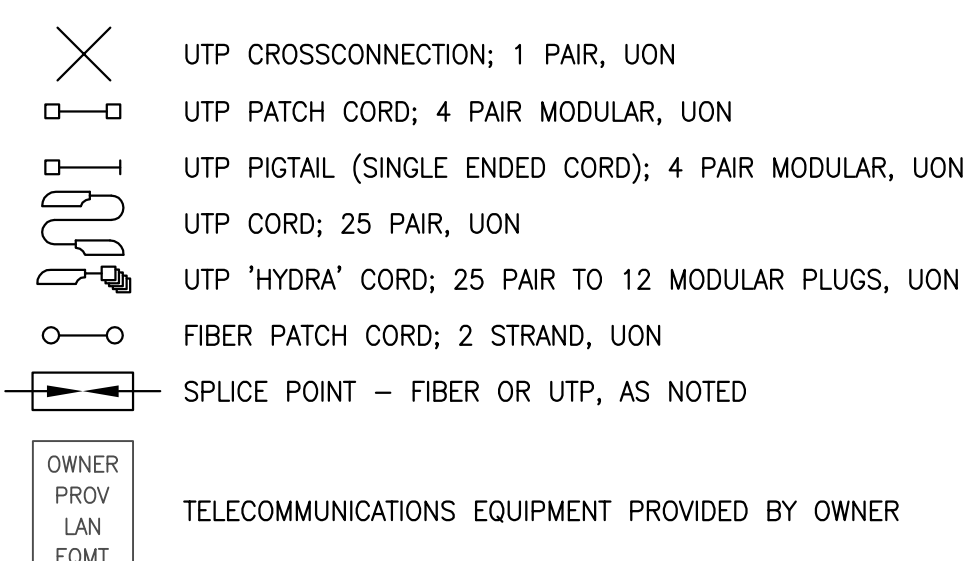
SCALE AS NOTED
AS BUILTS. 10-4-13

TELECOM RISER SYMBOLS LIST



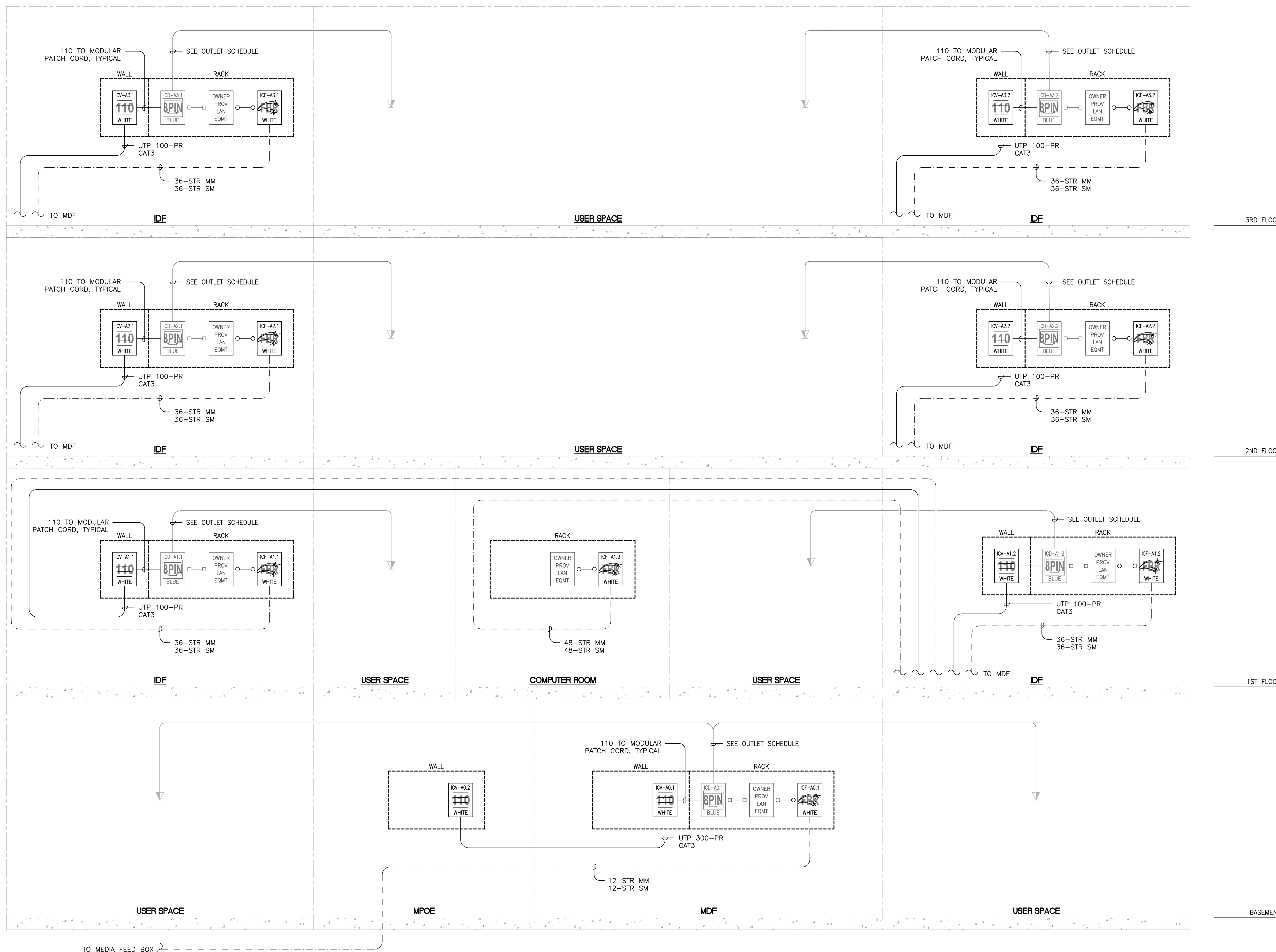
LABEL COLOR LEGEND (PER TIA/EIA-606):

ORANGE	DEMARCATON POINT	GREY	2ND LEVEL BACKBONE
GREEN	NETWORK CONNECTION	BLUE	STATION (HORIZONTAL)
PURPLE	EQUIPMENT (PBX, LAN)	BROWN	INTERBUILDING BACKBONE
WHITE	1ST LEVEL BACKBONE		



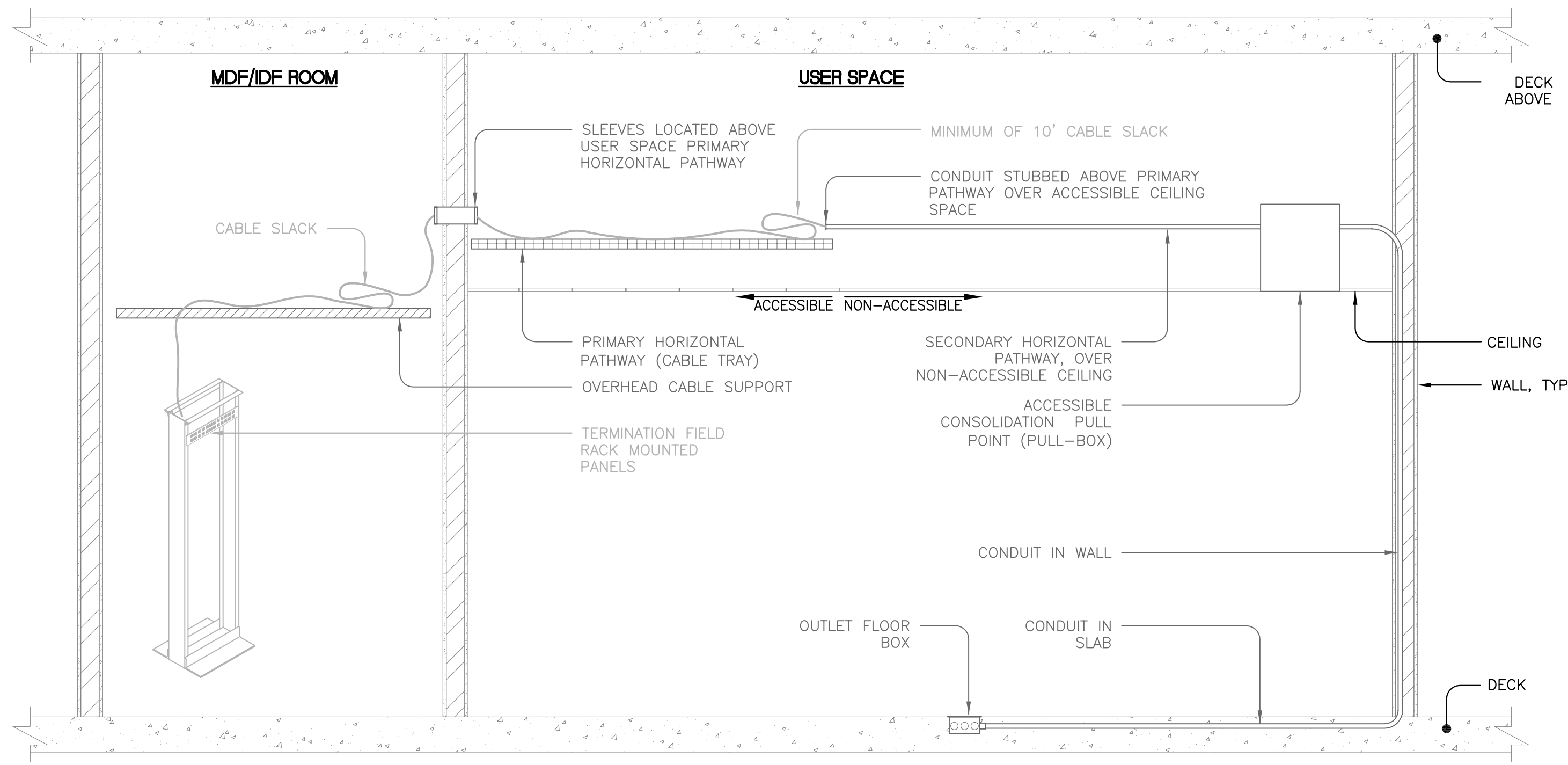
GENERAL SHEET NOTES

- THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE TELECOMMUNICATION CABLING INFRASTRUCTURE. REFER TO FLOOR PLANS FOR ESTIMATING CABLE LENGTHS AND ROOM DETAILS FOR EQUIPMENT PLACEMENT AND TERMINATION.
- REFER TO DETAILS ON SHEET T0.16 AND T0.17 FOR HORIZONTAL CABLING ROUTING REQUIREMENT DIAGRAMS.
- REFER TO TELECOMMUNICATIONS DEVICE SCHEDULE FOR OUTLET CONFIGURATION REQUIREMENTS. REFER TO FLOOR PLANS FOR DEVICE APPROXIMATE PLACEMENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLACEMENT VERTICALLY AND HORIZONTALLY.



RISER DIAGRAM - CABLING

SCALE: AS NOTED
AS BUILTS. 104-13

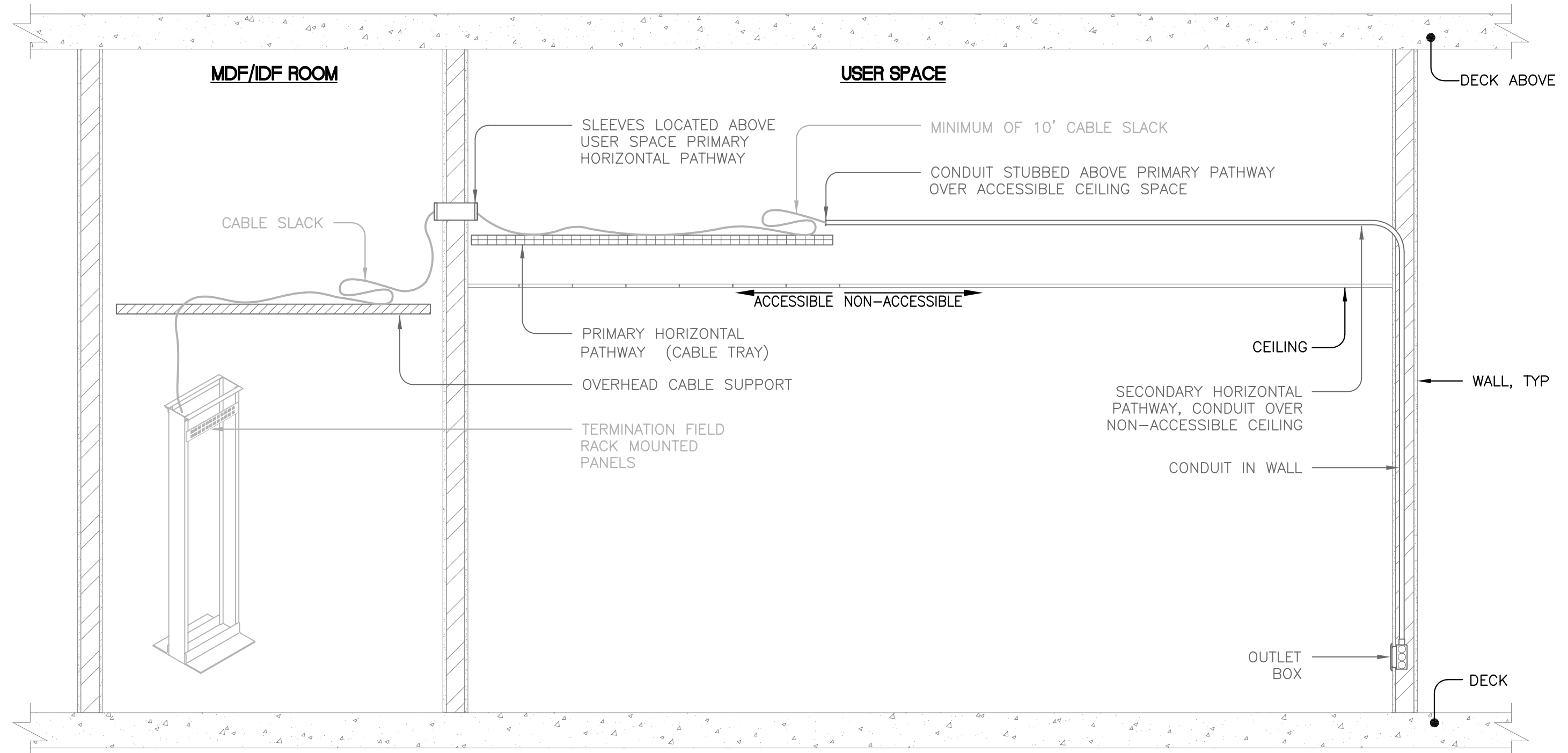


GENERAL SHEET NOTES

1. DETAIL REPRESENTS A DIAGRAMMATICAL OVERVIEW OF THE HORIZONTAL CABLING ROUTING INFRASTRUCTURE REQUIREMENTS.
2. EXCEEDING (2) 90 DEGREE CONDUIT BENDS IS NOT ALLOWED. IF (3) 90 DEGREE BENDS ARE REQUIRED INCREASE CONDUIT SIZE TO NEXT TRADE SIZE.

FLOOR BOX STATION CABLING ROUTING DIAGRAM (NON-ACCESSIBLE CEILING) 1

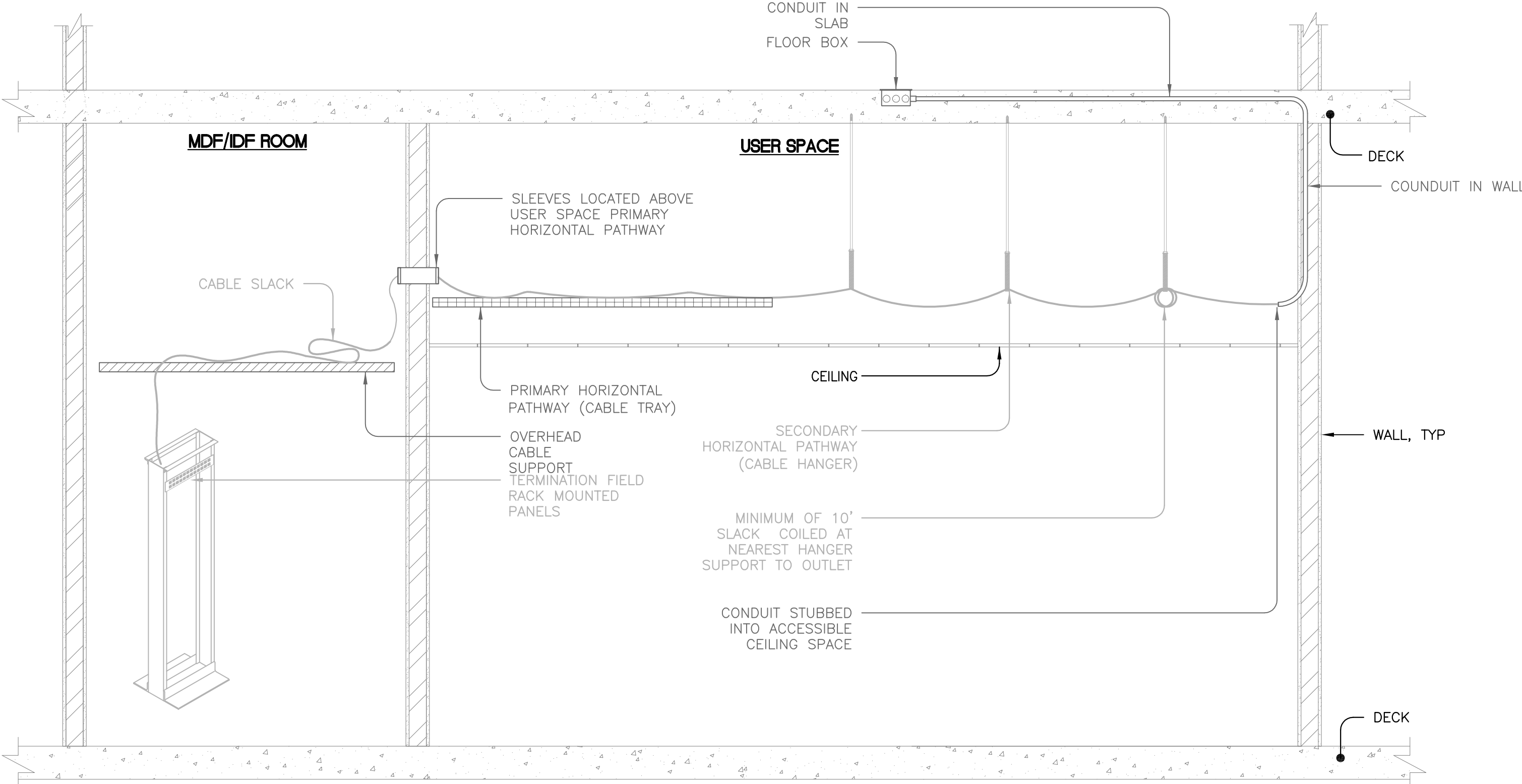
SCALE: NONE



NOTE: EXCEEDING (2) 90 DEGREE CONDUIT BENDS IS NOT ALLOWED. IF (3) 90 DEGREE BENDS ARE REQUIRED INCREASE CONDUIT SIZE TO NEXT TRADE SIZE.

WALL STATION CABLING ROUTING DIAGRAM (NON-ACCESSIBLE CEILING) 2

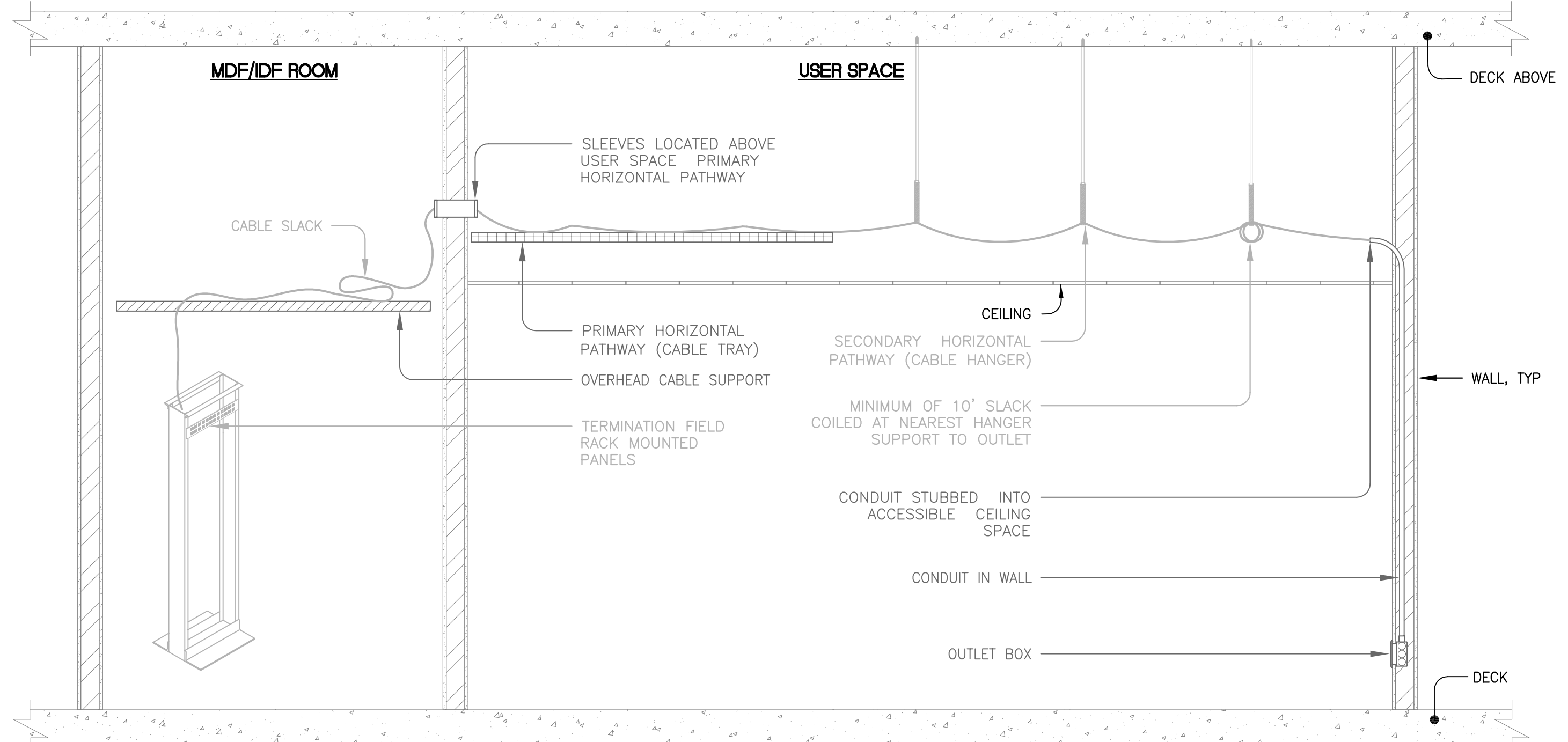
SCALE: NONE



NOTE: EXCEEDING (2) 90 DEGREE CONDUIT BENDS IS NOT ALLOWED. IF (3) 90 DEGREE BENDS ARE REQUIRED INCREASE CONDUIT SIZE TO NEXT TRADE SIZE.

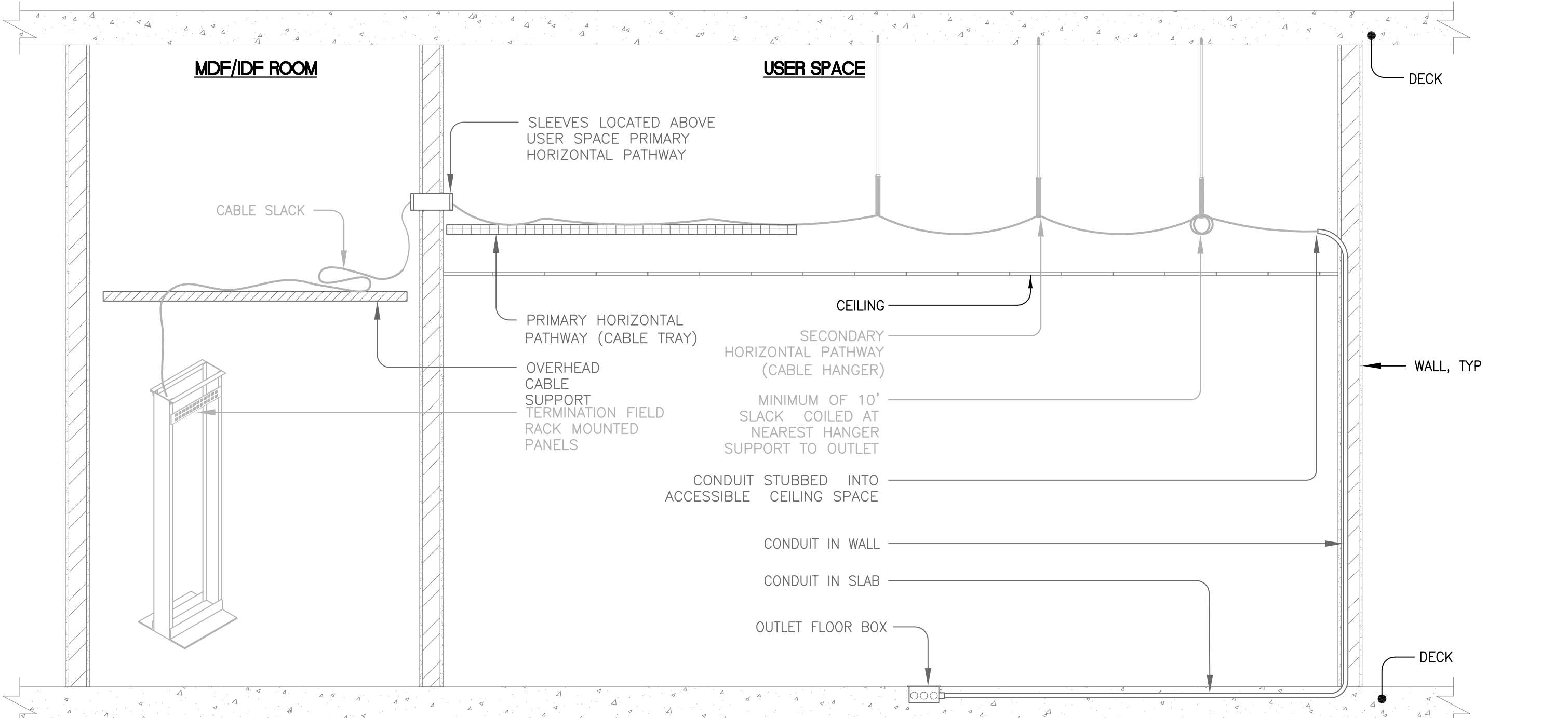
FLOOR BOX STATION CABLING ROUTING DIAGRAM (ACCESSIBLE CEILING) 3

SCALE: NONE



WALL STATION CABLING ROUTING DIAGRAM (ACCESSIBLE CEILING) 4

SCALE: NONE

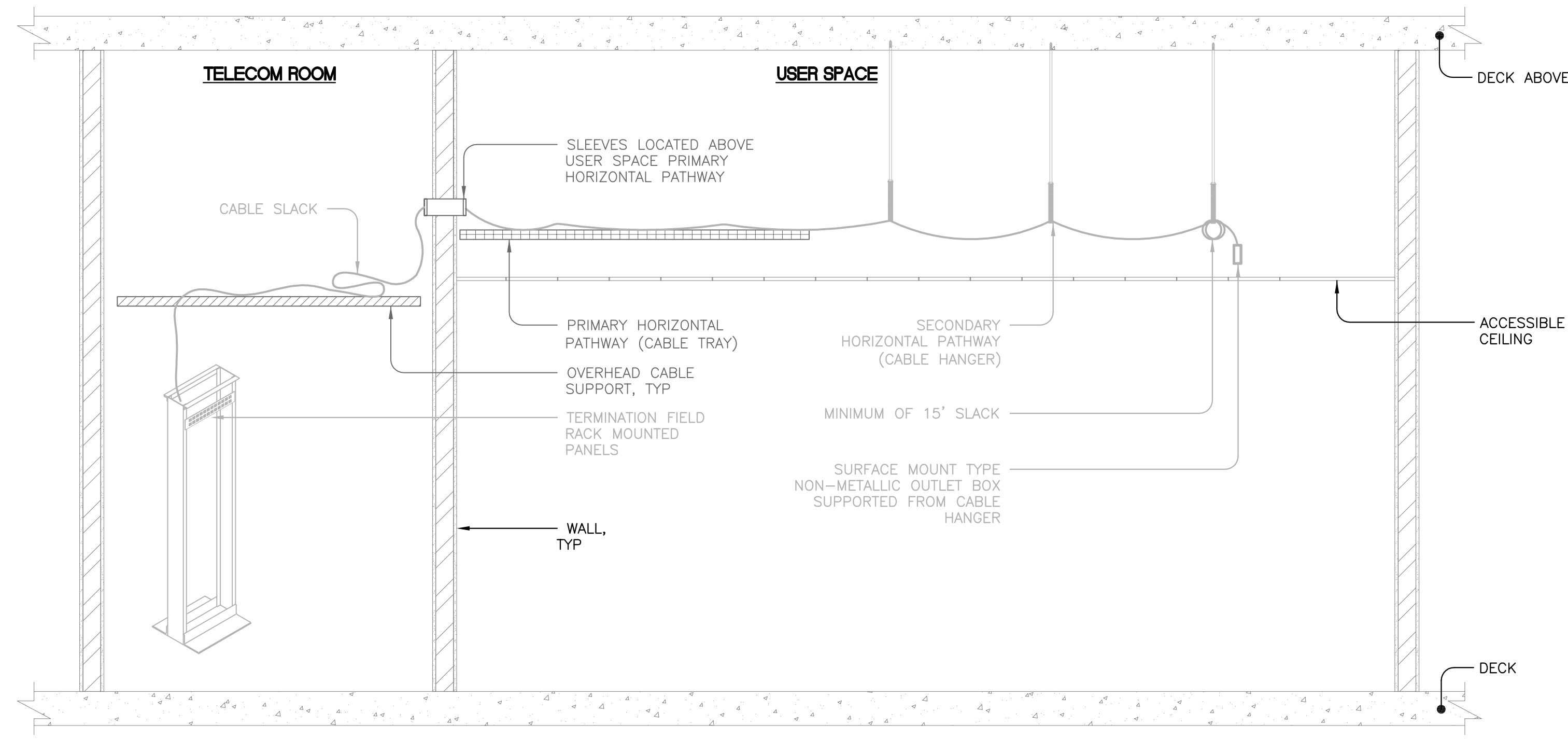


FLOOR BOX STATION CABLING ROUTING DIAGRAM (ACCESSIBLE CEILING) 5

SCALE: NONE

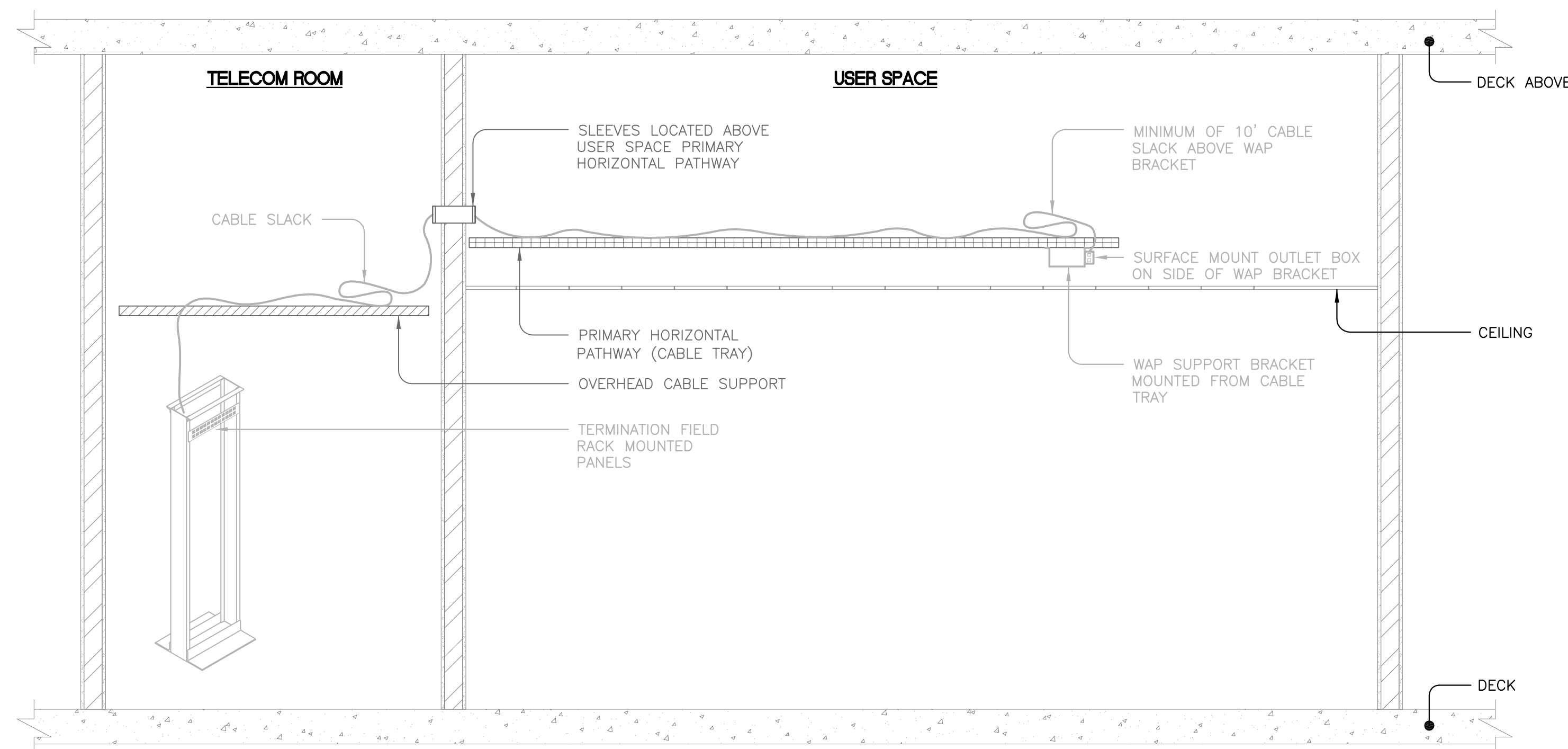
DIAGRAM - HORIZONTAL CABLE ROUTING

SCALE: AS NOTED
AS BUILT. 10-14-13

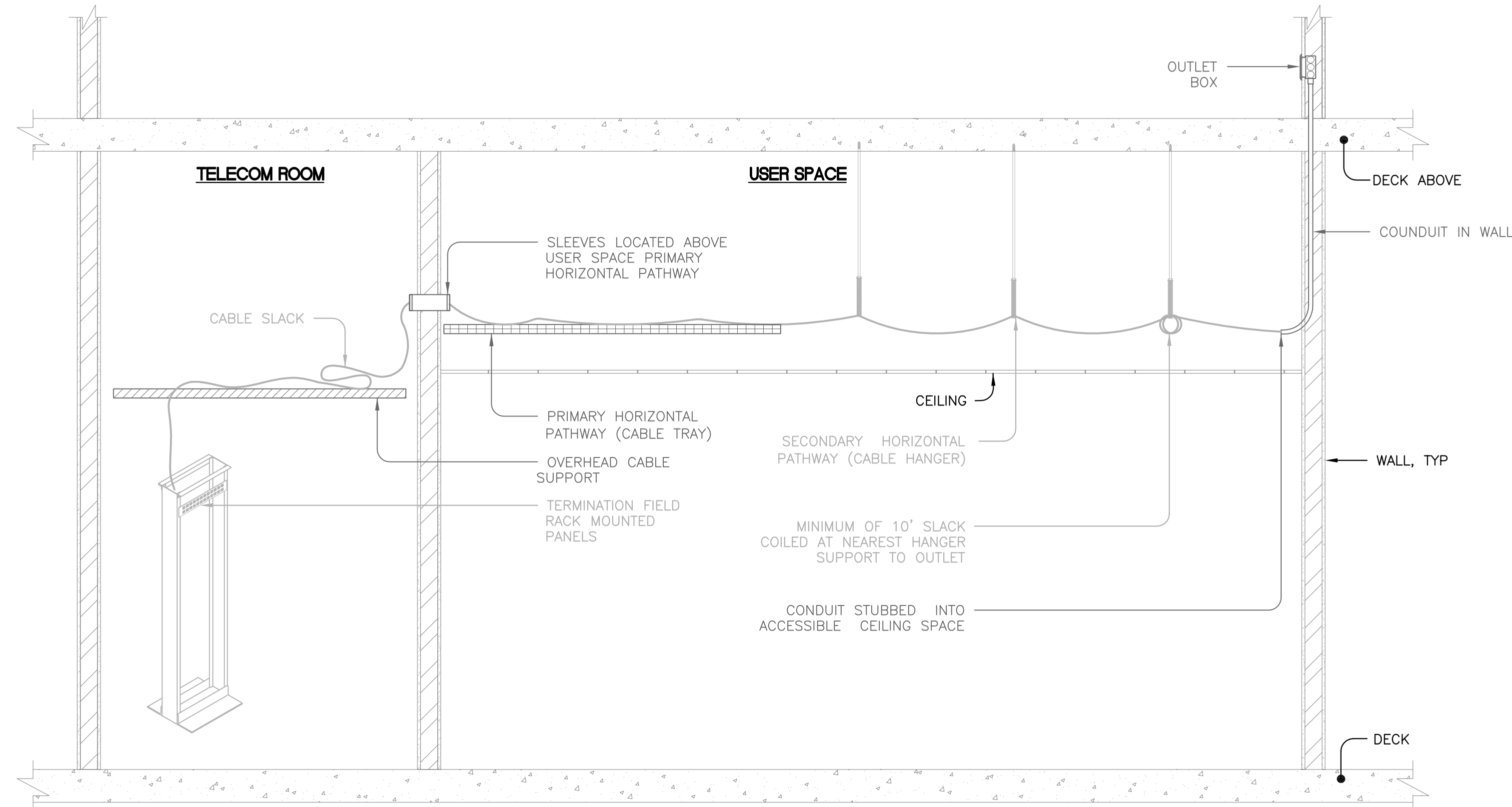


- GENERAL SHEET NOTES**
1. DETAIL REPRESENTS A DIAGRAMMATICAL OVERVIEW OF THE HORIZONTAL CABLING ROUTING INFRASTRUCTURE REQUIREMENTS.
 2. EXCEEDING (2) 90 DEGREE CONDUIT BENDS IS NOT ALLOWED. IF (3) 90 DEGREE BENDS ARE REQUIRED INCREASE CONDUIT SIZE TO NEXT TRADE SIZE.

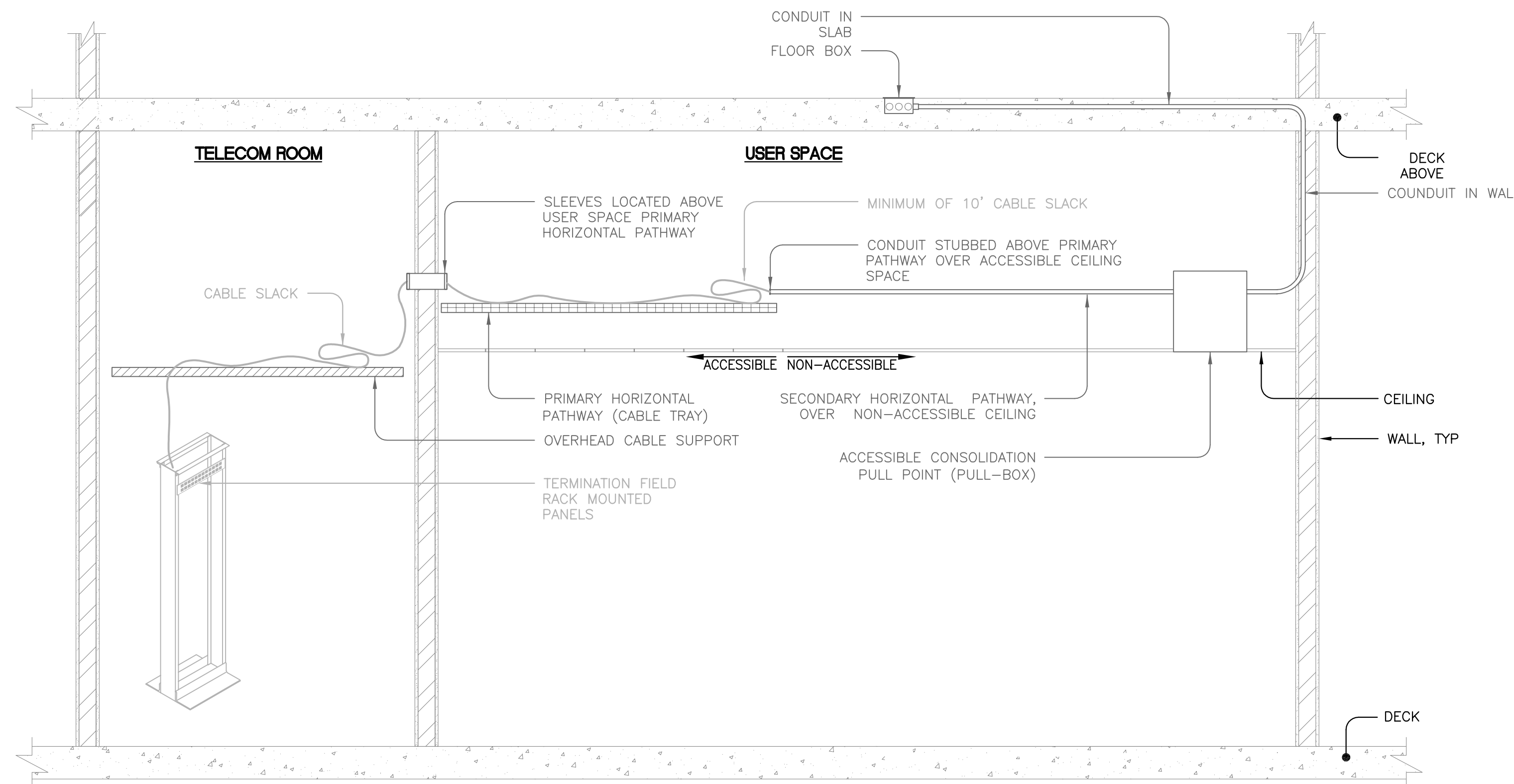
WIRELESS ACCESS POINT CABLING ROUTING DIAGRAM 1
SCALE: NONE



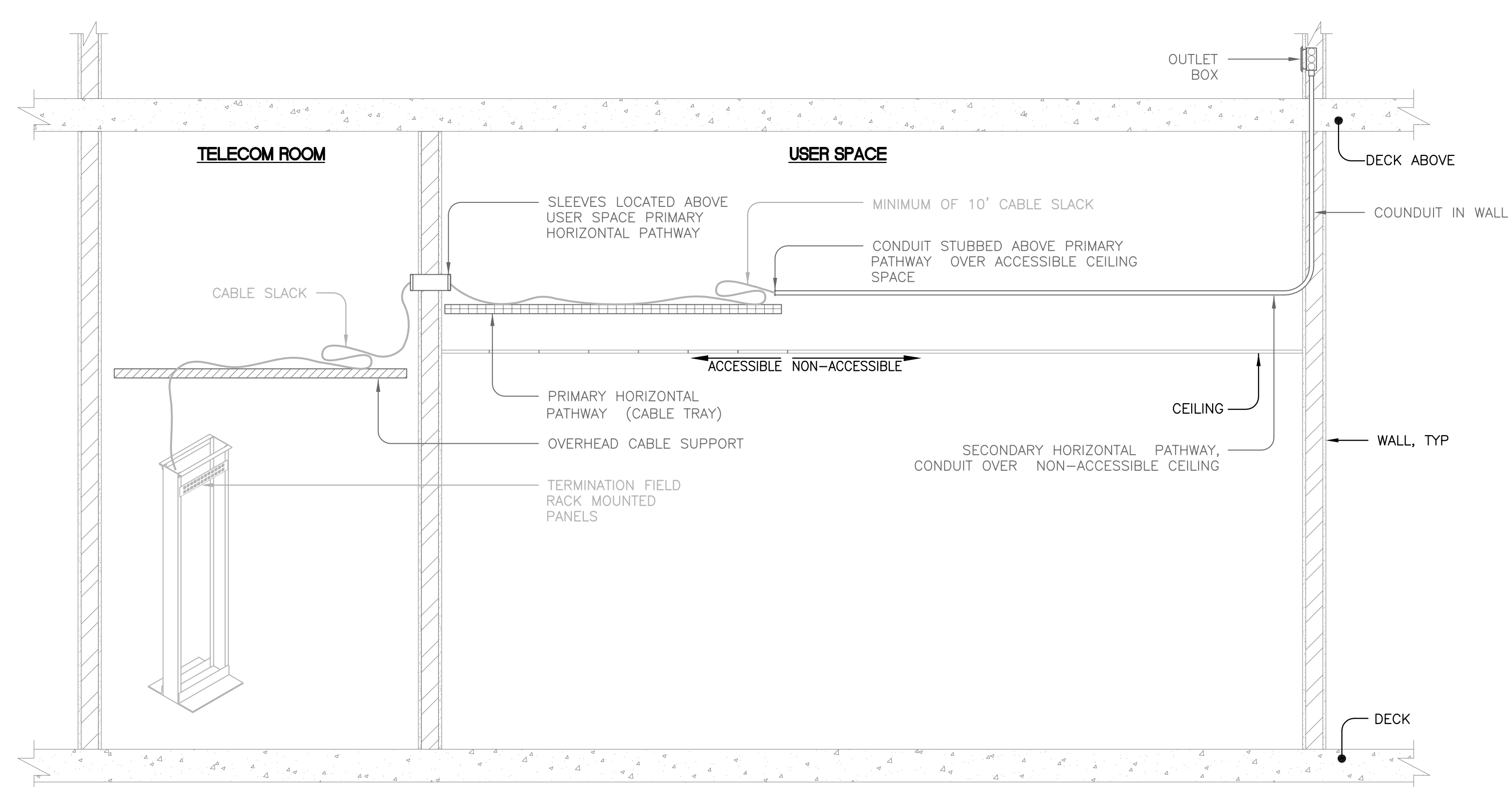
WAP ATTACHED TO TRAY CABLING ROUTING DIAGRAM 2
SCALE: NONE



WALL STATION CABLING ROUTING DIAGRAM (ACCESSIBLE CEILING) 3
SCALE: NONE



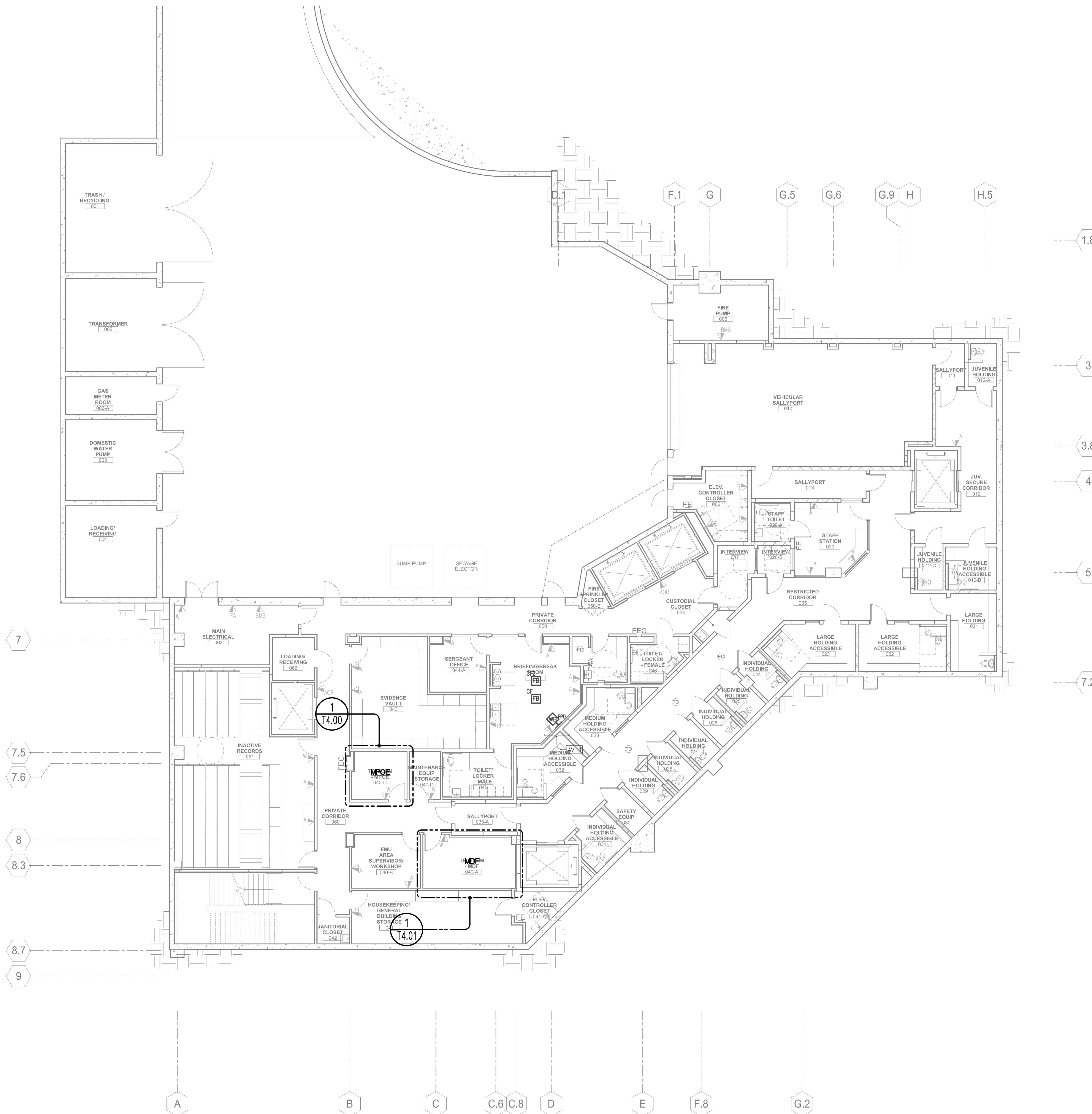
FLOOR BOX STATION CABLING ROUTING DIAGRAM (NON-ACCESSIBLE CEILING) 4
SCALE: NONE



WALL STATION CABLING ROUTING DIAGRAM (NON-ACCESSIBLE CEILING) 5
SCALE: NONE

DIAGRAM - HORIZONTAL CABLE ROUTING

SCALE: AS NOTED D AS BUILT. 10-4-13



- ### GENERAL SHEET NOTES
1. PATHWAYS SHOWN DEDICATED FOR TELECOMMUNICATIONS, SECURITY AND AUDIOVISUAL CABLING ONLY, UOI.
 2. PATHWAYS ROUTES SHOWN CONCEPTUAL. FIELD COORDINATE FINAL ROUTES.
 3. CABLE TRAY DEPTH REFERS TO TRAY'S LOADING DEPTH.
 4. FIRESTOP PENETRATIONS (SLEEVES AND CONDUITS) THROUGH RATED WALLS AND FLOORS TO MATCH WALL RATING.
 5. LABEL CONDUITS AT BOTH ENDS. LABEL MUST INDICATE CONDUIT'S DEDICATED USE FOR TELECOMMUNICATIONS AND AUDIOVISUAL CABLING AND LOCATION OF THE CONDUIT'S FAR END.
 6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
 7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.
 8. REFER TO ARCHITECTURAL DRAWINGS FOR WIRELESS CLOCK SYSTEM LOCATIONS.

NUMBERED SHEET NOTES

AUDIOVISUAL:
 [AV-1] MOUNT CENTER OF BOX(ES) 58" AFF.

1.8

3

3.8

4

5

7.2

7

7.5

7.6

8

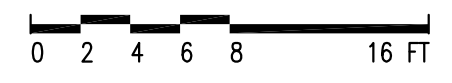
8.3

8.7

9

PARTIAL FLOOR PLAN
BASEMENT

SCALE: AS NOTED
AS BUILTS. 10-16-13



T2.10

GENERAL SHEET NOTES

1. PATHWAYS SHOWN DEDICATED FOR TELECOMMUNICATIONS, SECURITY AND AUDIOVISUAL CABLING ONLY, UON.
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6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.
8. REFER TO ARCHITECTURAL DRAWINGS FOR WIRELESS CLOCK SYSTEM LOCATIONS.

NUMBERED SHEET NOTES

ELECTRICAL:

E-1 COORDINATE EXACT LOCATION OF POKETHRU DEVICE WITH MILLWORK AND SECURITY EQUIPMENT.

AUDIOVISUAL:

AV-1 MOUNT BOTTOM OF BOX(ES) AT OUTLET HEIGHT.

AV-2 MOUNT CENTER OF BOX(ES) 58" AFF.

AV-3 MOUNT CENTER OF BOX(ES) 84" AFF.

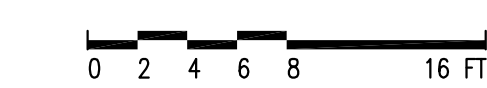
AV-4 MOUNT CENTER OF BOX(ES) 96" AFF.

AV-5 MOUNT CENTER OF BOX(ES) 114" AFF.

AV-5 MOUNT CENTER OF BOX(ES) 114" AFF.



PARTIAL FLOOR PLAN - FIRST FLOOR - NORTH



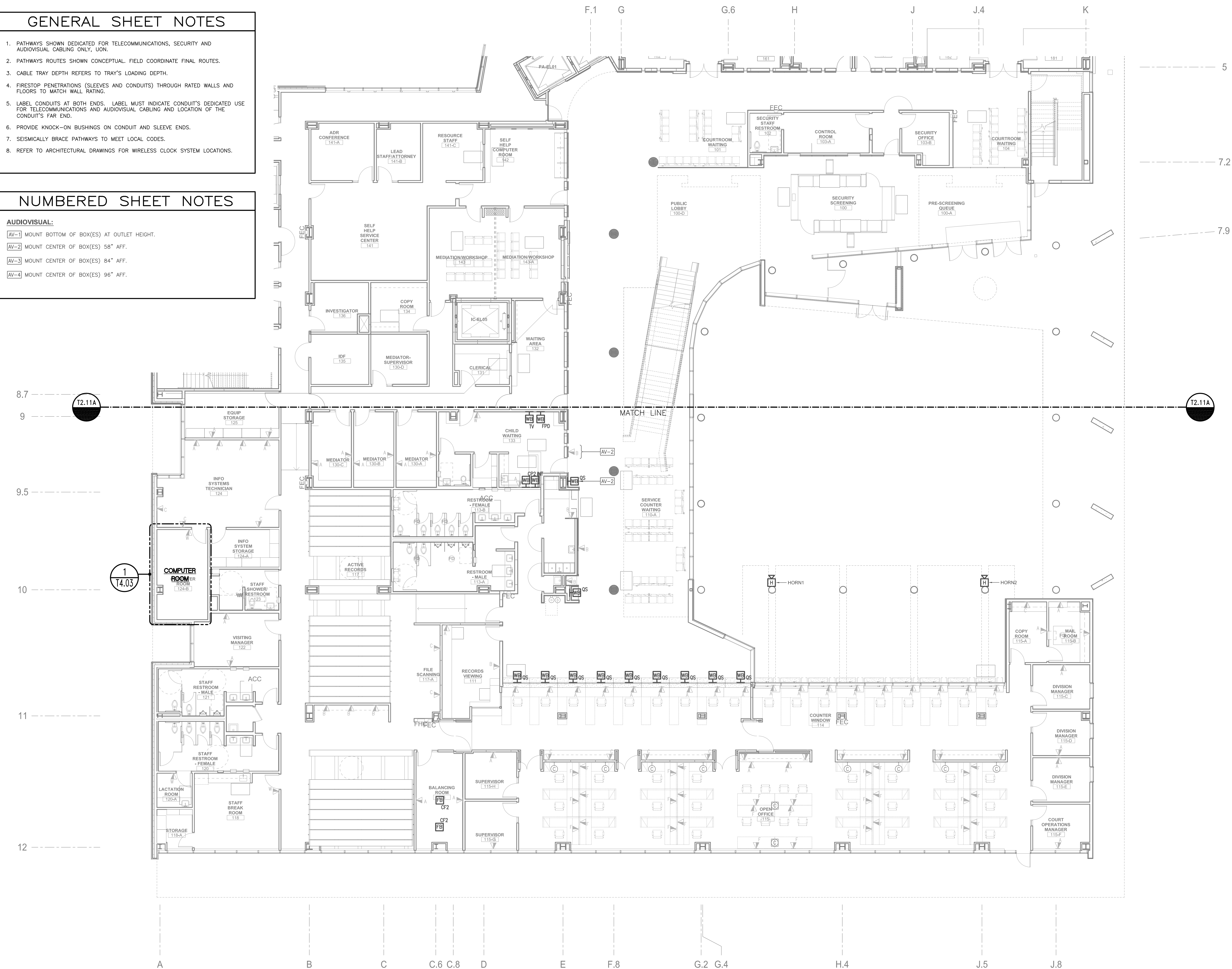
GENERAL SHEET NOTES

1. PATHWAYS SHOWN DEDICATED FOR TELECOMMUNICATIONS, SECURITY AND AUDIOVISUAL CABLING ONLY, UON.
2. PATHWAYS ROUTES SHOWN CONCEPTUAL. FIELD COORDINATE FINAL ROUTES.
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7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.
8. REFER TO ARCHITECTURAL DRAWINGS FOR WIRELESS CLOCK SYSTEM LOCATIONS.

NUMBERED SHEET NOTES

AUDIOVISUAL:

- AV-1 MOUNT BOTTOM OF BOX(ES) AT OUTLET HEIGHT.
- AV-2 MOUNT CENTER OF BOX(ES) 58" AFF.
- AV-3 MOUNT CENTER OF BOX(ES) 84" AFF.
- AV-4 MOUNT CENTER OF BOX(ES) 96" AFF.



PARTIAL FLOOR PLAN - FIRST FLOOR - SOUTH

0 2 4 6 8 16 FT

T2.11B

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GENERAL SHEET NOTES

1. PATHWAYS SHOWN DEDICATED FOR TELECOMMUNICATIONS, SECURITY AND AUDIOVISUAL CABLING ONLY, UCN.
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7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.
8. REFER TO ARCHITECTURAL DRAWINGS FOR WIRELESS CLOCK SYSTEM LOCATIONS.

NUMBERED SHEET NOTES

AUDIOVISUAL:

- AV-1 MOUNT BOTTOM OF BOX(ES) AT OUTLET HEIGHT.
- AV-2 MOUNT CENTER OF BOX(ES) 58" AFF.
- AV-3 MOUNT CENTER OF BOX(ES) 84" AFF.
- AV-4 MOUNT CENTER OF BOX(ES) 96" AFF.
- AV-5 MOUNT CENTER OF BOX(ES) 114" AFF.



PARTIAL FLOOR PLAN - SECOND FLOOR - NORTH



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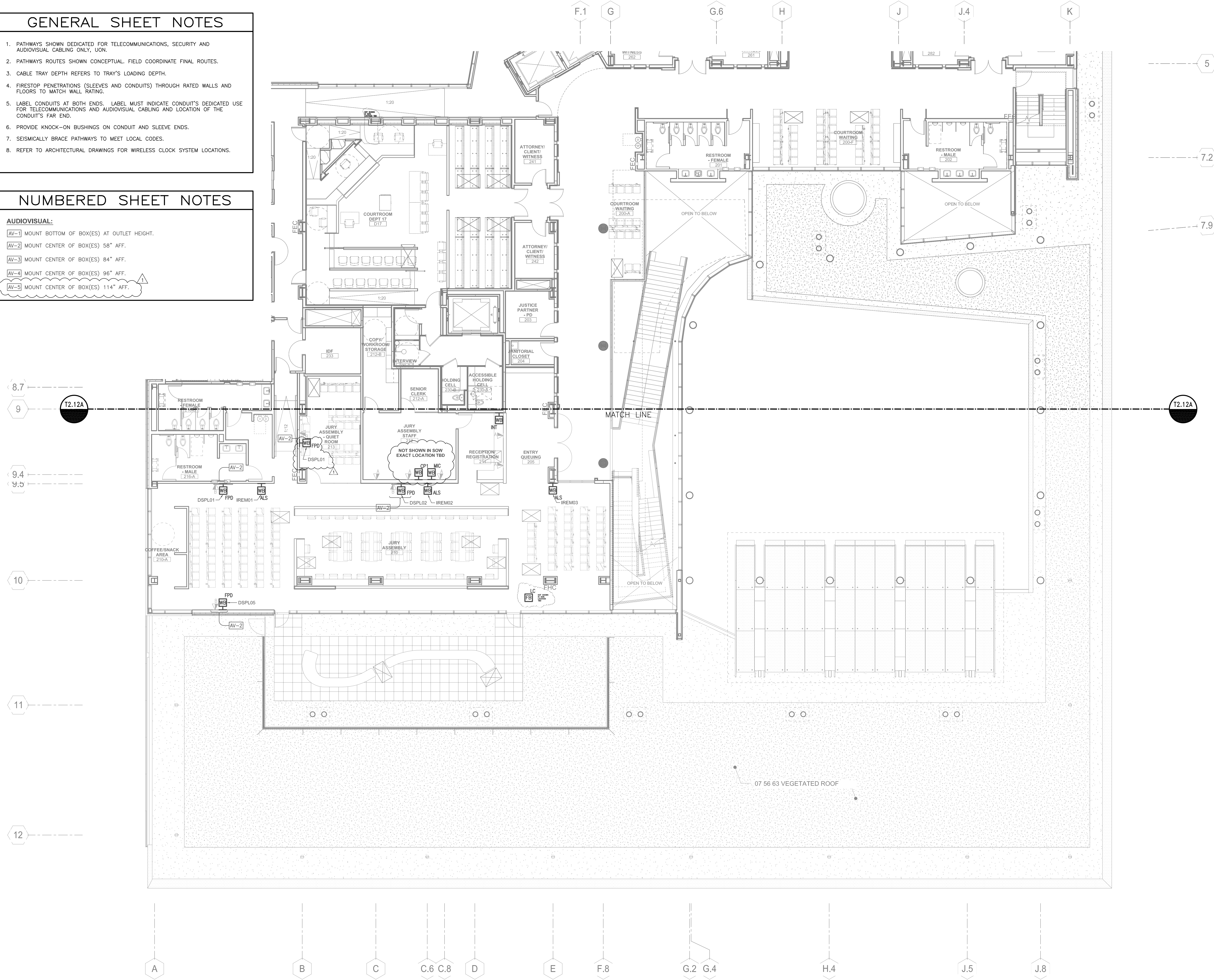
GENERAL SHEET NOTES

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6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.
8. REFER TO ARCHITECTURAL DRAWINGS FOR WIRELESS CLOCK SYSTEM LOCATIONS.

NUMBERED SHEET NOTES

AUDIOVISUAL:

- AV-1 MOUNT BOTTOM OF BOX(ES) AT OUTLET HEIGHT.
- AV-2 MOUNT CENTER OF BOX(ES) 58" AFF.
- AV-3 MOUNT CENTER OF BOX(ES) 84" AFF.
- AV-4 MOUNT CENTER OF BOX(ES) 96" AFF.
- AV-5 MOUNT CENTER OF BOX(ES) 114" AFF.



PARTIAL FLOOR PLAN - SECOND FLOOR - SOUTH



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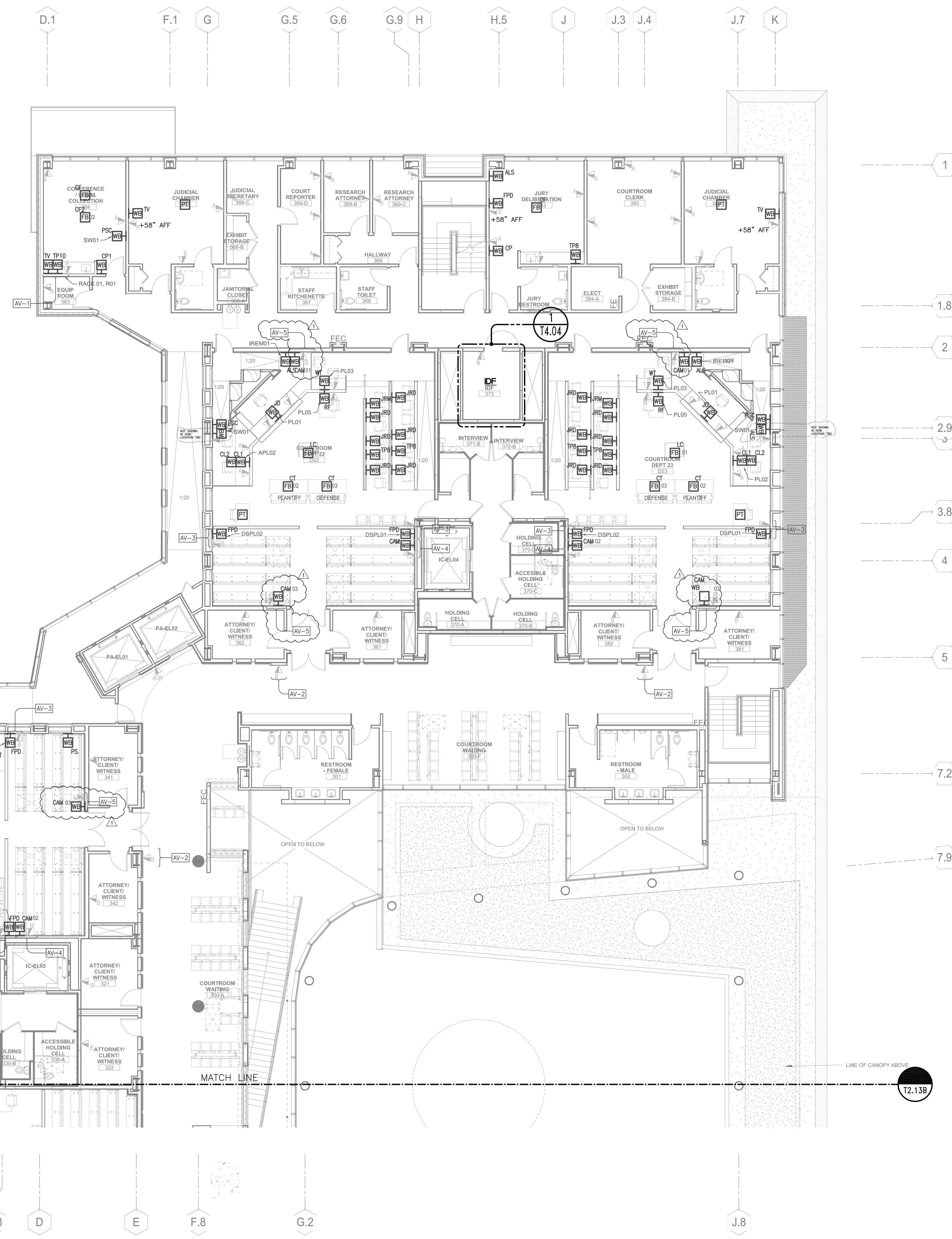
GENERAL SHEET NOTES

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6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.
8. REFER TO ARCHITECTURAL DRAWINGS FOR WIRELESS CLOCK SYSTEM LOCATIONS.

NUMBERED SHEET NOTES

AUDIOVISUAL:

- AV-1 MOUNT BOTTOM OF BOX(ES) AT OUTLET HEIGHT.
- AV-2 MOUNT CENTER OF BOX(ES) 58" AFF.
- AV-3 MOUNT CENTER OF BOX(ES) 84" AFF.
- AV-4 MOUNT CENTER OF BOX(ES) 96" AFF.
- AV-5 MOUNT CENTER OF BOX(ES) 114" AFF.



PARTIAL FLOOR PLAN - THIRD FLOOR - NORTH

SCALE: 1/8"=1'-0"
AS SHOWN



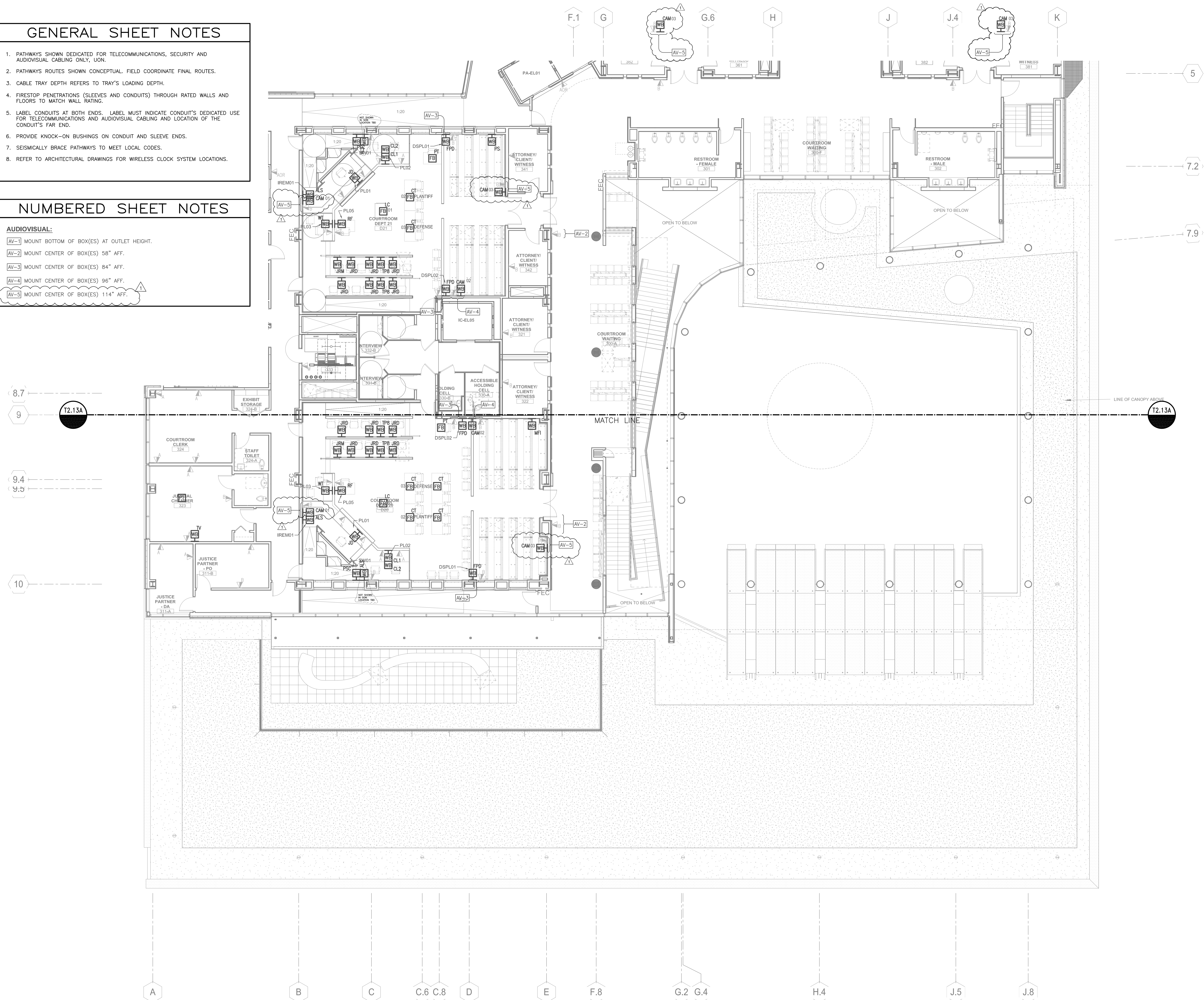
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GENERAL SHEET NOTES

1. PATHWAYS SHOWN DEDICATED FOR TELECOMMUNICATIONS, SECURITY AND AUDIOVISUAL CABLING ONLY, UOI.
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6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.
8. REFER TO ARCHITECTURAL DRAWINGS FOR WIRELESS CLOCK SYSTEM LOCATIONS.

NUMBERED SHEET NOTES

- AUDIOVISUAL:**
- AV-1 MOUNT BOTTOM OF BOX(ES) AT OUTLET HEIGHT.
 - AV-2 MOUNT CENTER OF BOX(ES) 58" AFF.
 - AV-3 MOUNT CENTER OF BOX(ES) 84" AFF.
 - AV-4 MOUNT CENTER OF BOX(ES) 96" AFF.
 - AV-5 MOUNT CENTER OF BOX(ES) 114" AFF.



PARTIAL FLOOR PLAN - THIRD FLOOR - SOUTH



GENERAL SHEET NOTES

1. PATHWAYS SHOWN DEDICATED FOR TELECOMMUNICATIONS, SECURITY AND AUDIOVISUAL CABLING ONLY, UNOI.
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6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.

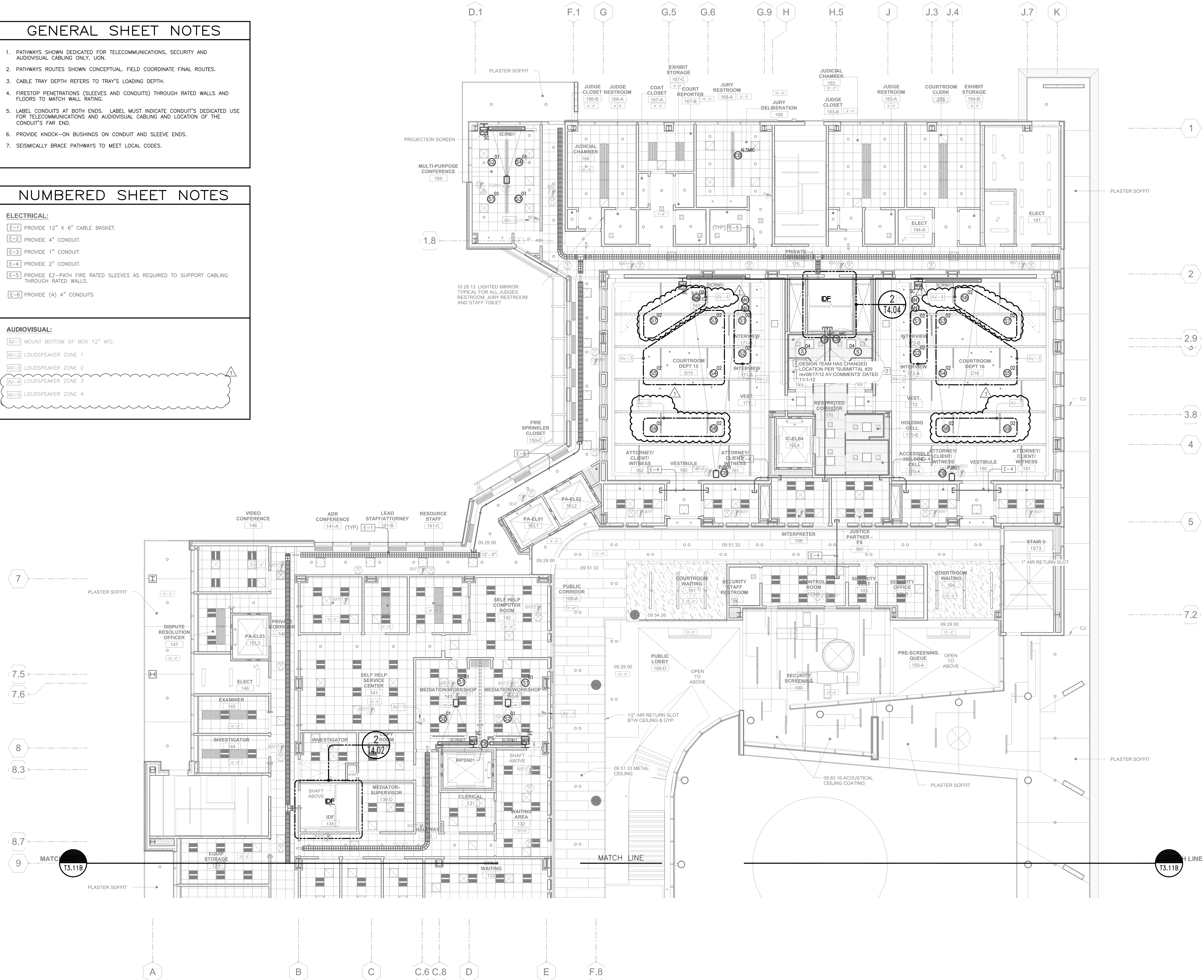
NUMBERED SHEET NOTES

ELECTRICAL:

- E-1 PROVIDE 12" X 6" CABLE BASKET.
- E-2 PROVIDE 4" CONDUIT.
- E-3 PROVIDE 1" CONDUIT.
- E-4 PROVIDE 2" CONDUIT.
- E-5 PROVIDE EZ-PATH FIRE RATED SLEEVES AS REQUIRED TO SUPPORT CABLING THROUGH RATED WALLS.
- E-6 PROVIDE (4) 4" CONDUITS

AUDIOVISUAL:

- AV-1 MOUNT BOTTOM OF BOX 12" AFC.
- AV-2 LOUDSPEAKER ZONE 1
- AV-3 LOUDSPEAKER ZONE 2
- AV-4 LOUDSPEAKER ZONE 3
- AV-5 LOUDSPEAKER ZONE 4



REFLECTED CEILING PLAN - FIRST FLOOR - NORTH

0 2 4 6 8 16 FT

T3.11A

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GENERAL SHEET NOTES

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6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.

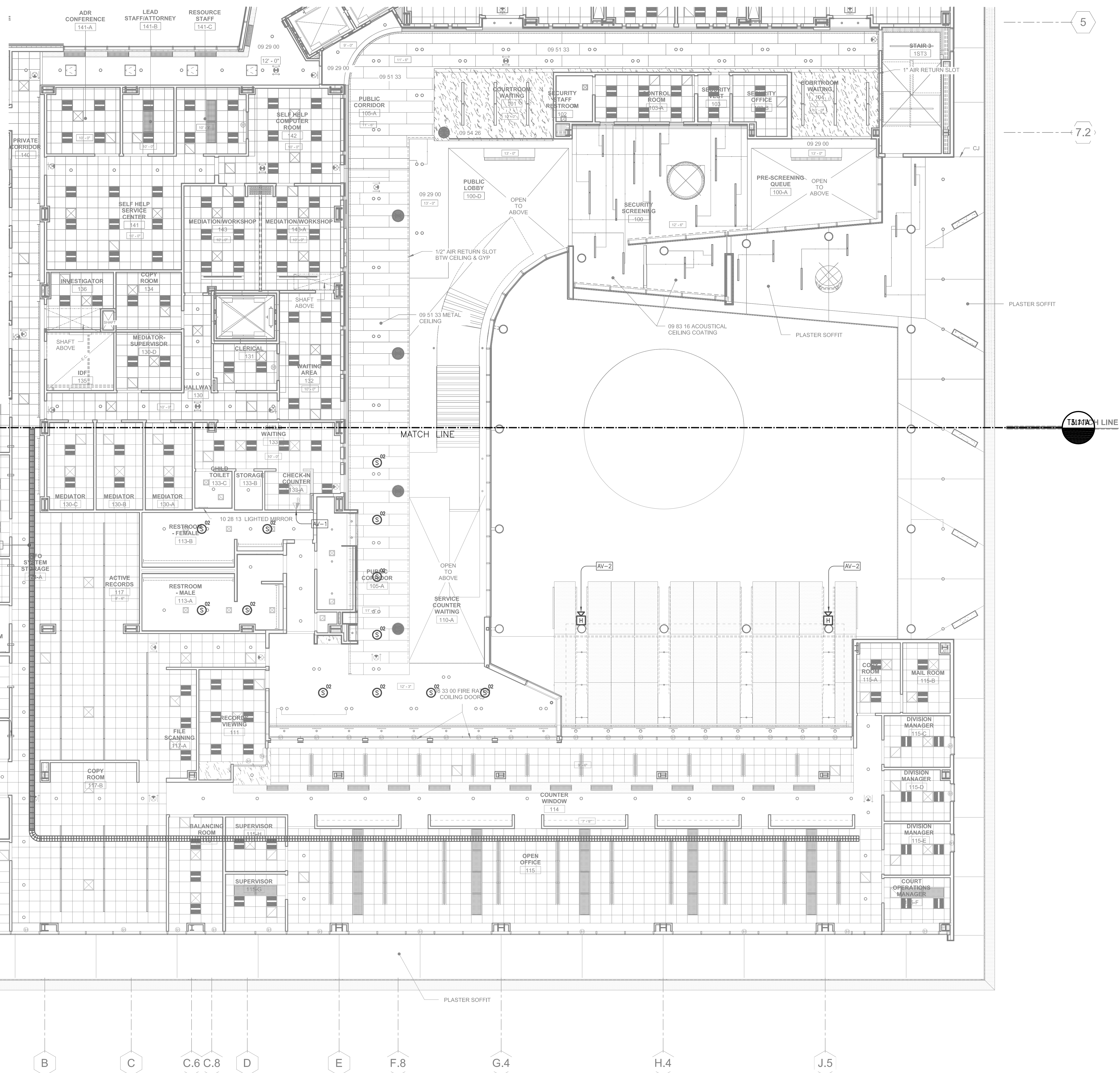
NUMBERED SHEET NOTES

ELECTRICAL:

- E-1 PROVIDE 12" X 6" BASKET TRAY.
- E-2 PROVIDE EZ-PATH FIRE RATED SLEEVES AS REQUIRED TO SUPPORT CABLING THROUGH RATED WALLS.

AUDIOVISUAL:

- AV-1 MOUNT BOTTOM OF BOX 12" AFC.
- AV-2 HORN LOUDSPEAKER. MOUNT AT 18"-0" AFF. BELOW CANOPY. PROVIDE 1" CONDUIT FROM NEAREST MDF/IDF ROOM. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF LOUDSPEAKER.



REFLECTED CEILING PLAN - FIRST FLOOR - SOUTH



T3.11B

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GENERAL SHEET NOTES

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6. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
7. SEISMICALLY BRACE PATHWAYS TO MEET LOCAL CODES.

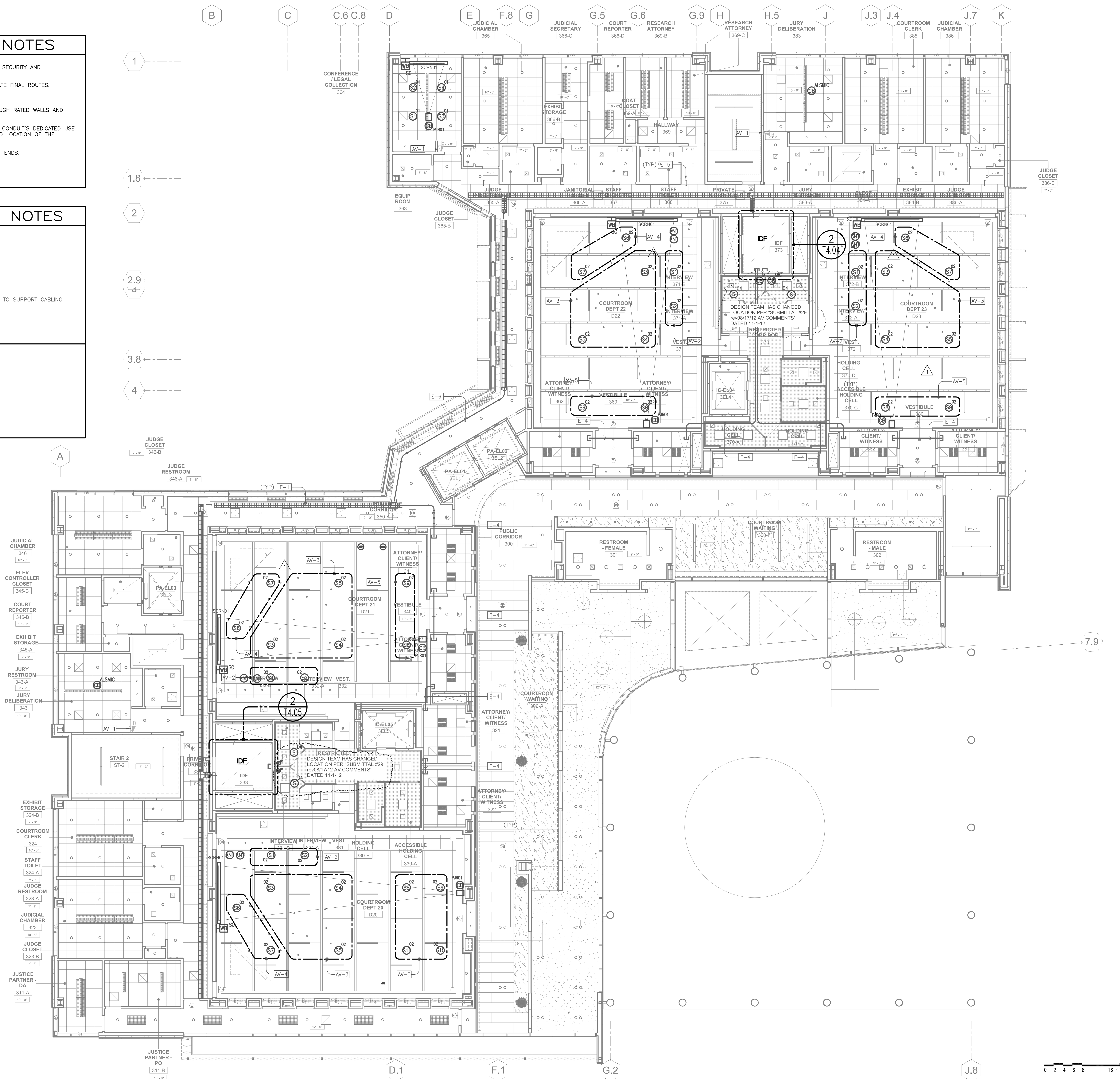
NUMBERED SHEET NOTES

ELECTRICAL:

- E-1 PROVIDE 12" X 6" CABLE BASKET.
- E-2 PROVIDE 4" CONDUIT.
- E-3 PROVIDE 1" CONDUIT.
- E-4 PROVIDE 2" CONDUIT.
- E-5 PROVIDE EZ-PATH FIRE RATED SLEEVES AS REQUIRED TO SUPPORT CABLING THROUGH RATED WALLS.
- E-6 PROVIDE (4) 4" CONDUITS

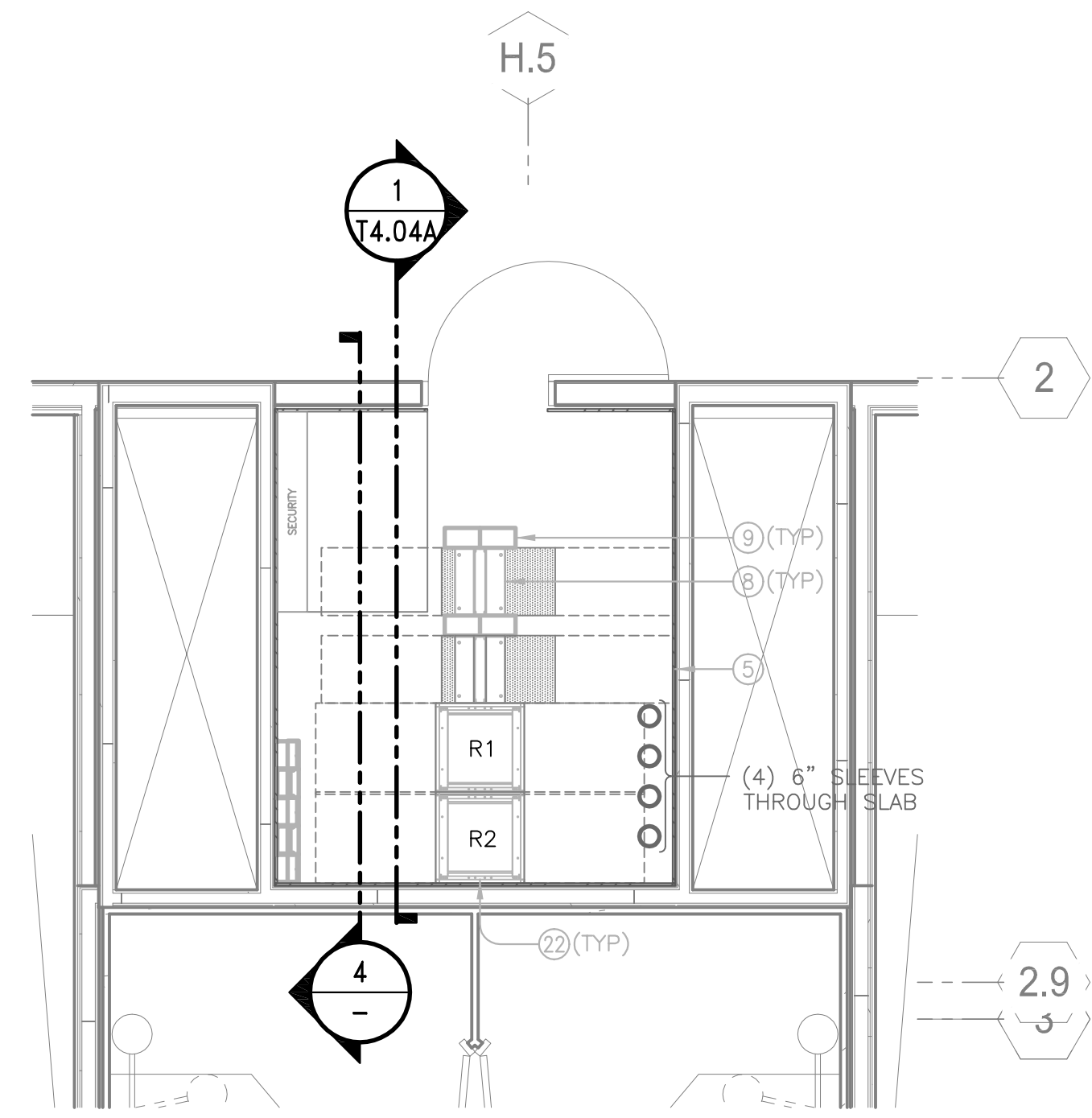
AUDIOVISUAL:

- AV-1 MOUNT BOTTOM OF BOX 12" AFC.
- AV-2 LOUDSPEAKER ZONE 1
- AV-3 LOUDSPEAKER ZONE 2
- AV-4 LOUDSPEAKER ZONE 3
- AV-5 LOUDSPEAKER ZONE 4



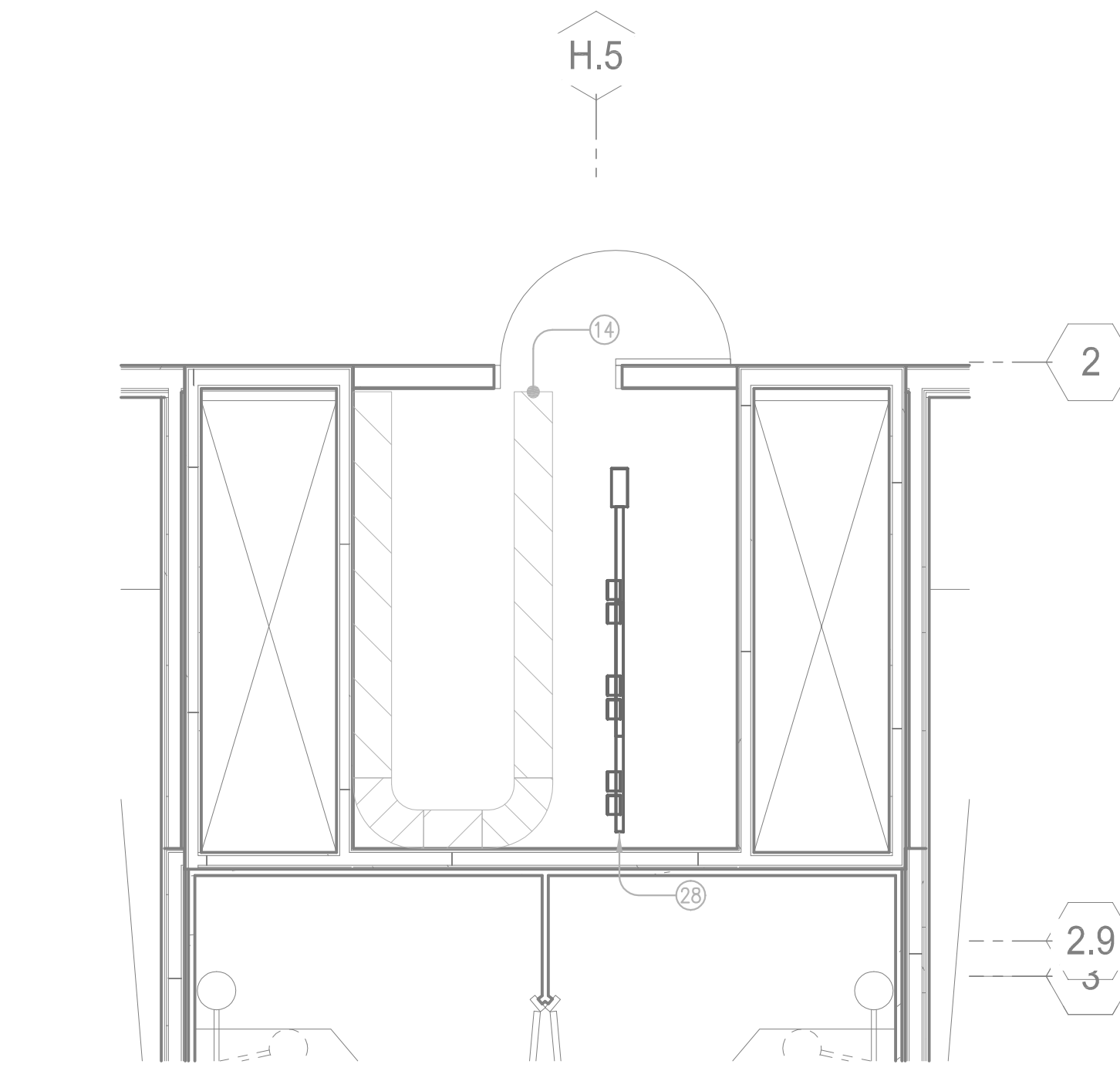
REFLECTED CEILING PLAN - THIRD FLOOR





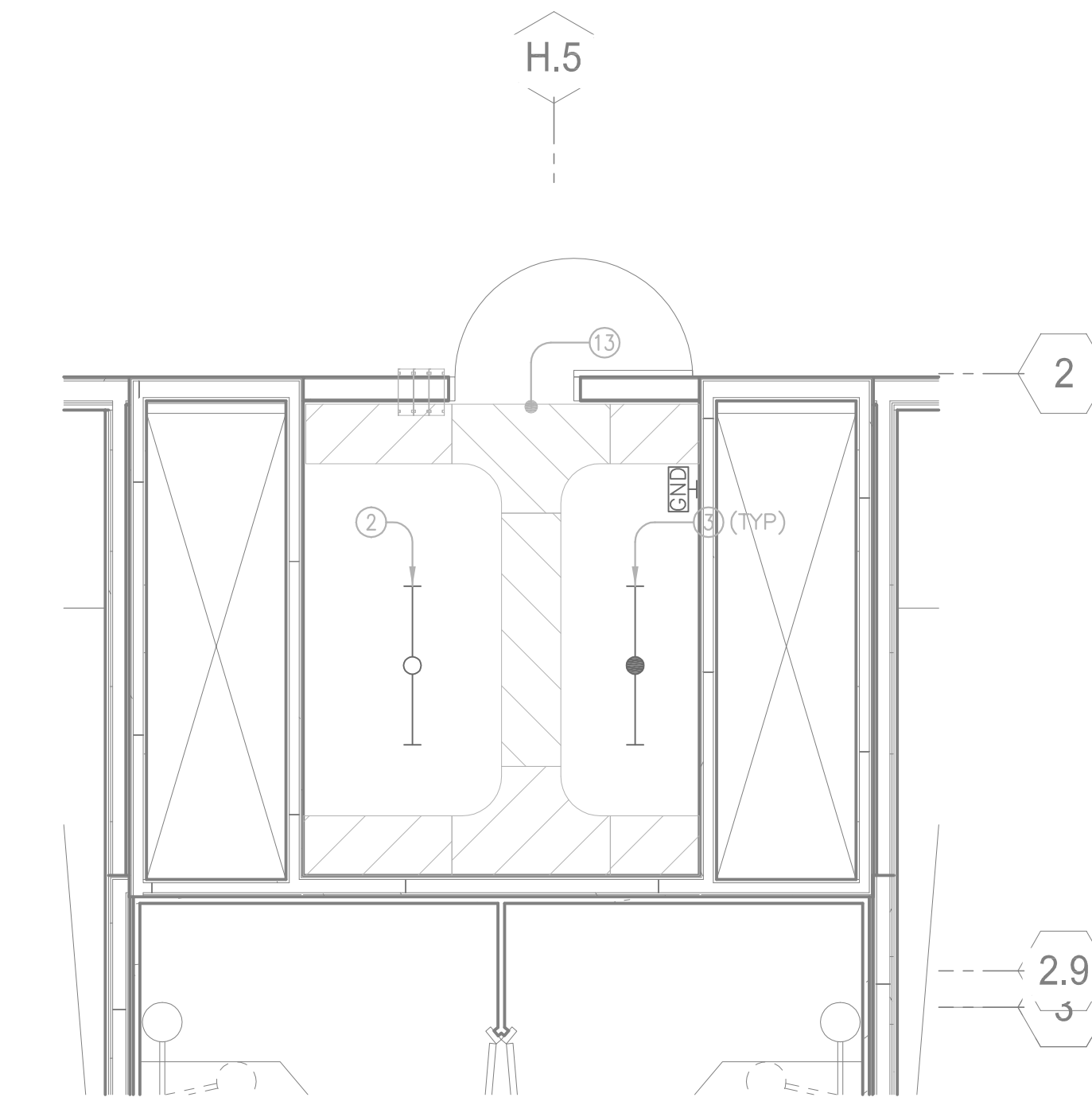
NORTH IDF ROOM PLAN
SCALE: 1/4" = 1'-0"

1



IDF OVERHEAD PLAN LVL ONE
SCALE: 1/4" = 1'-0"

2



IDF OVERHEAD PLAN LVL TWO
SCALE: 1/4" = 1'-0"

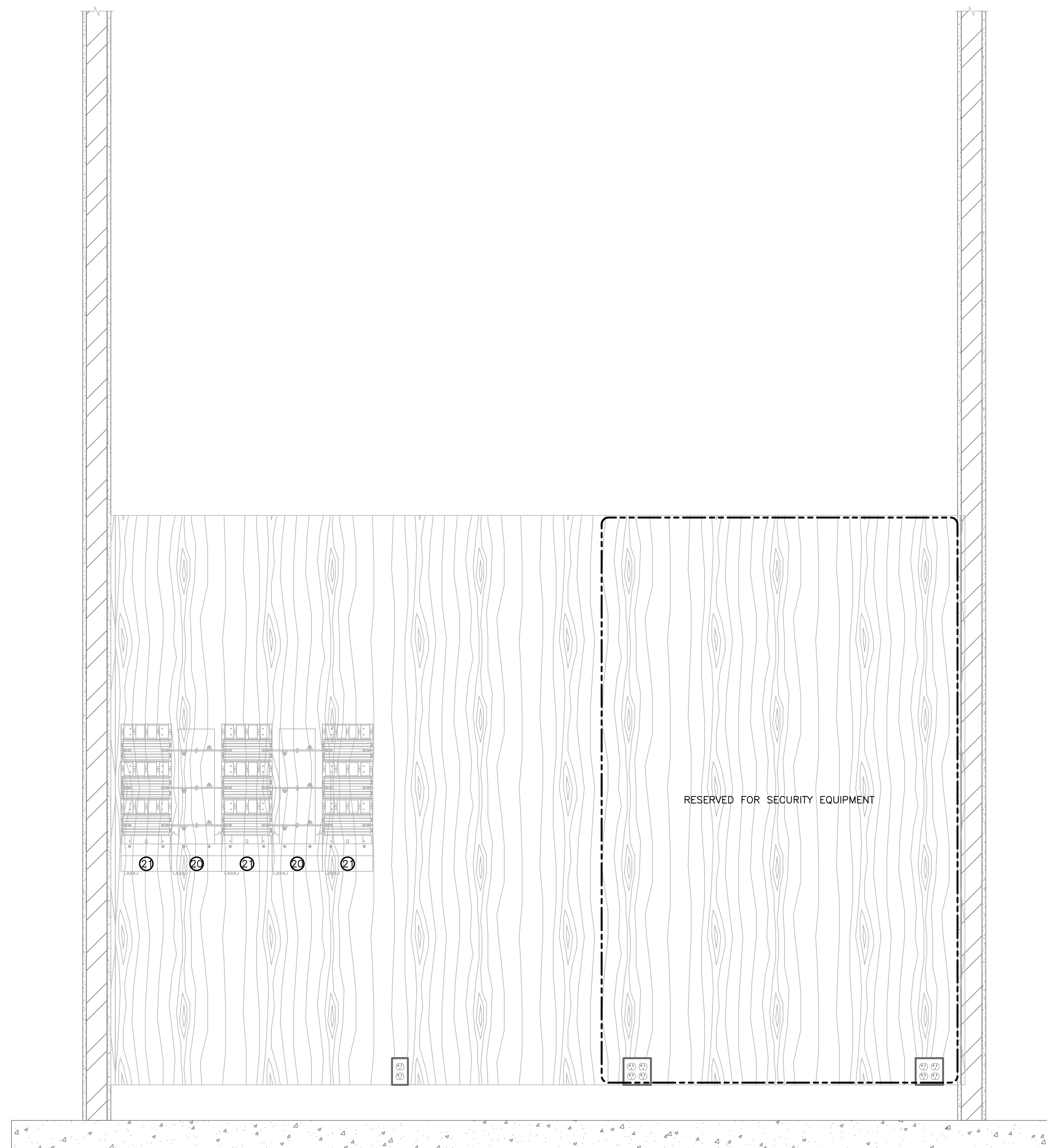
3

GENERAL SHEET NOTES

1. PROVIDE 3/4" FIRE RATED PLYWOOD ON WALLS OF ROOM AS SHOWN, STARTING AT 6" AFF TO 8'-6" AFF. MASK FIRE RATING STAMP PRIOR TO PAINTING. USE FLUSH FASTENERS FOR MOUNTING PLYWOOD.
2. PROVIDE RADIUS DROP OUTS WHERE CABLES TRANSITION DOWNWARD FROM OVERHEAD HORIZONTAL CABLE TRAY. RADIUS DROP OUTS ARE NOT REQUIRED WHEN TRANSITIONING TELECOMMUNICATIONS CABLES AT THE RACK BAYS FROM OVERHEAD CABLE TRAY TO VERTICAL CABLE MANAGEMENT SECTIONS.
3. LABEL RACKS AND PATCH PANELS.
4. CABLE TRAY DEPTH REFERS TO TRAY'S LOADING DEPTH.
5. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CIRCUITS/OUTLETS AND LIGHTING REQUIREMENTS.
6. FIRESTOP PENETRATIONS (SLEEVES AND CONDUITS) THROUGH RATED WALLS AND FLOORS/DECKS TO MATCH RATING.
7. SEISMICALLY BRACE CABLE TRAYS AND EQUIPMENT RACKS TO MEET LOCAL SEISMIC CODES.
8. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
9. PATHWAYS SHOWN ARE DEDICATED FOR TELECOMMUNICATIONS CABLING ONLY, UON.
10. LABEL CONDUITS AT BOTH ENDS. LABEL MUST INDICATE CONDUIT'S USE FOR TELECOMMUNICATIONS CABLES ONLY AND LOCATION THE CONDUIT'S FAR END TERMINATION.
11. DO NOT PLACE CABINETS, PANELS, PIPING, DUCTING, OR EQUIPMENT IN THE TELECOM ROOMS OTHER THAN THAT SHOWN ON THESE ROOM PLANS AND DETAILS.
12. NEATLY BUNDLE (DRESS CABLES LONGITUDINALLY) AND SUPPORT (USING FASTENERS & TIES DESCRIBED IN SPECS & DRAWINGS) TELECOMMUNICATIONS CABLES ONTO OVERHEAD CABLE TRAY OR RUNWAY. NEATLY BUNDLE AND SUPPORT TELECOMMUNICATIONS CABLES ONTO VERTICALLY MOUNTED CABLE RUNWAY WHEN RISING FROM FLOOR SLEEVES OR DESCENDING FROM CEILING SLEEVES USING APPROVED TIES. NEATLY BUNDLE TELECOMMUNICATIONS CABLES INTO THE BACK OF THE VERTICAL CABLE MANAGEMENT SECTIONS USING APPROVED TIES. DRESS TELECOMMUNICATIONS CABLES FROM THE VERTICAL MANAGEMENT SECTIONS TO THE TERMINATION POSITION. MAXIMUM BUNDLE SIZE: 24 CABLES

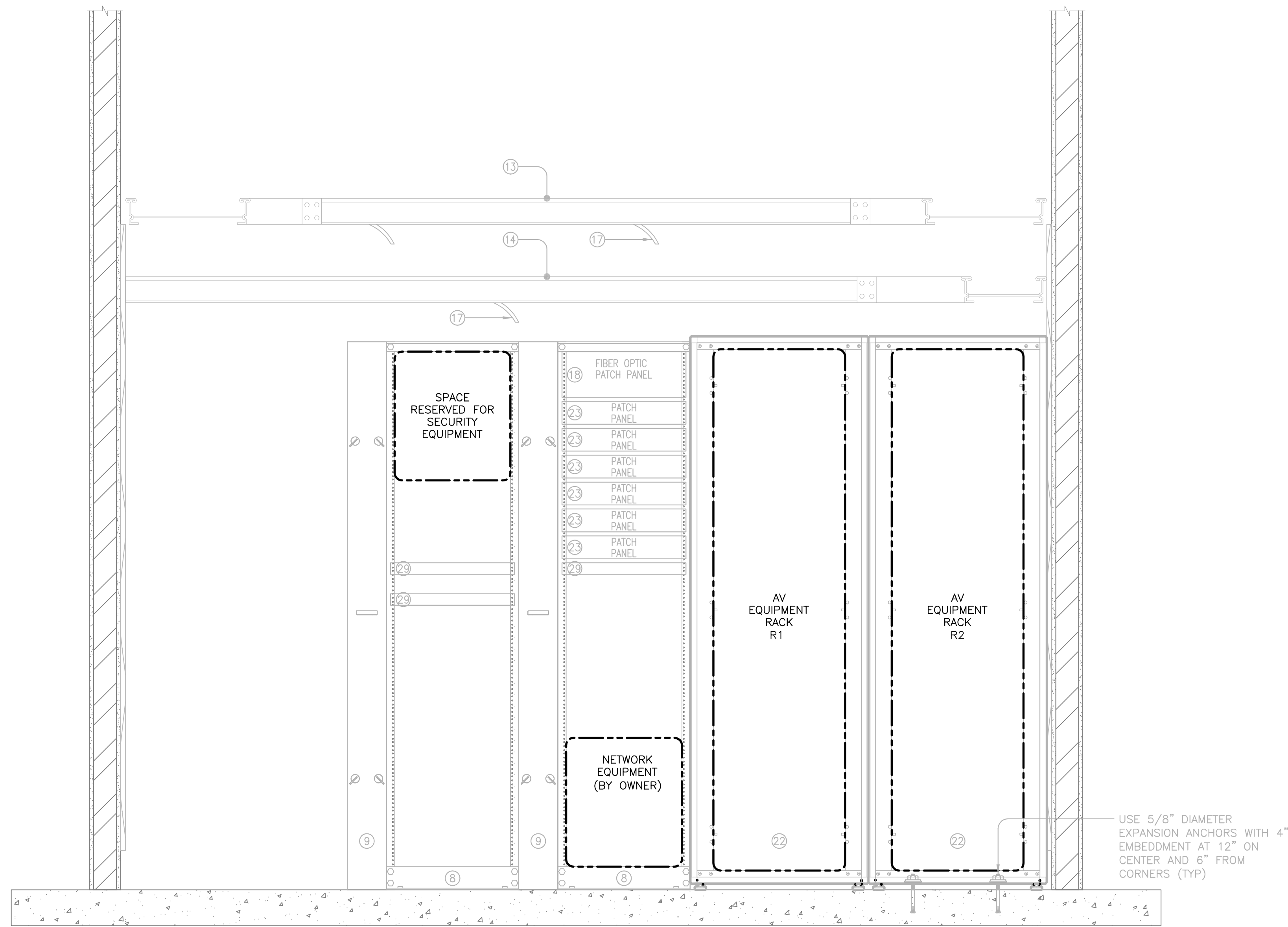
EQUIPMENT LIST

EQUIP. #	DESCRIPTION/COMMENT
①	ELECTRICAL PANEL SERVING THIS ROOM
②	4 FT FLUORESCENT FIXTURE
③	4 FT FLUORESCENT FIXTURE WITH EMERGENCY BALLAST
④	TELECOMMUNICATIONS GROUND BUS
⑤	3/4" FIRE RATED PLYWOOD
⑥	EZ-PATH FROM LEVEL BELOW
⑦	EZ-PATH TO LEVEL ABOVE
⑧	19" EQUIPMENT RACK - 7 FT TALL (BLACK)
⑨	CPI 6" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑩	CPI 10" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑪	CPI 4" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑫	2U HORIZONTAL CABLE MANAGER WITH HINGED COVER
⑬	18" WIDE CABLE TRAY MOUNTED AT 8'-6"
⑭	12" WIDE CABLE TRAY MOUNTED AT 7'-6"
⑮	24" WIDE CABLE RUNWAY
⑯	18" WIDE CABLE RUNWAY
⑰	CABLE DROP-OUTS, TYPICAL WHERE CABLES TRANSITION DOWNWARD
⑱	FIBER OPTIC PANEL FOR BACKBONE TERMINATIONS
⑲	BUILDING ENTRANCE PROTECTORS (100-PR) BY AT&T
⑳	110 STYLE WIRE MANAGER
㉑	110 STYLE FIELD TERMINATION BLOCK (300-PR)
㉒	42U CABINET ENCLOSURE
㉓	48 PORT CATEGORY 6A PATCH PANEL
㉔	RESERVED WALL SPACE FOR SECURITY
㉕	RACK GUSSET KIT
㉖	NETWORK EQUIPMENT - SWITCH
㉗	VERTICAL POWER STRIP
㉘	STARLINE BUS SYSTEM. REFER TO ELECTRICAL DRAWINGS.
㉙	HORIZONTAL POWER STRIP



NORTH IDF ROOM PLAN EAST WALL ELEVATION
SCALE: 1" = 1'-0"

4



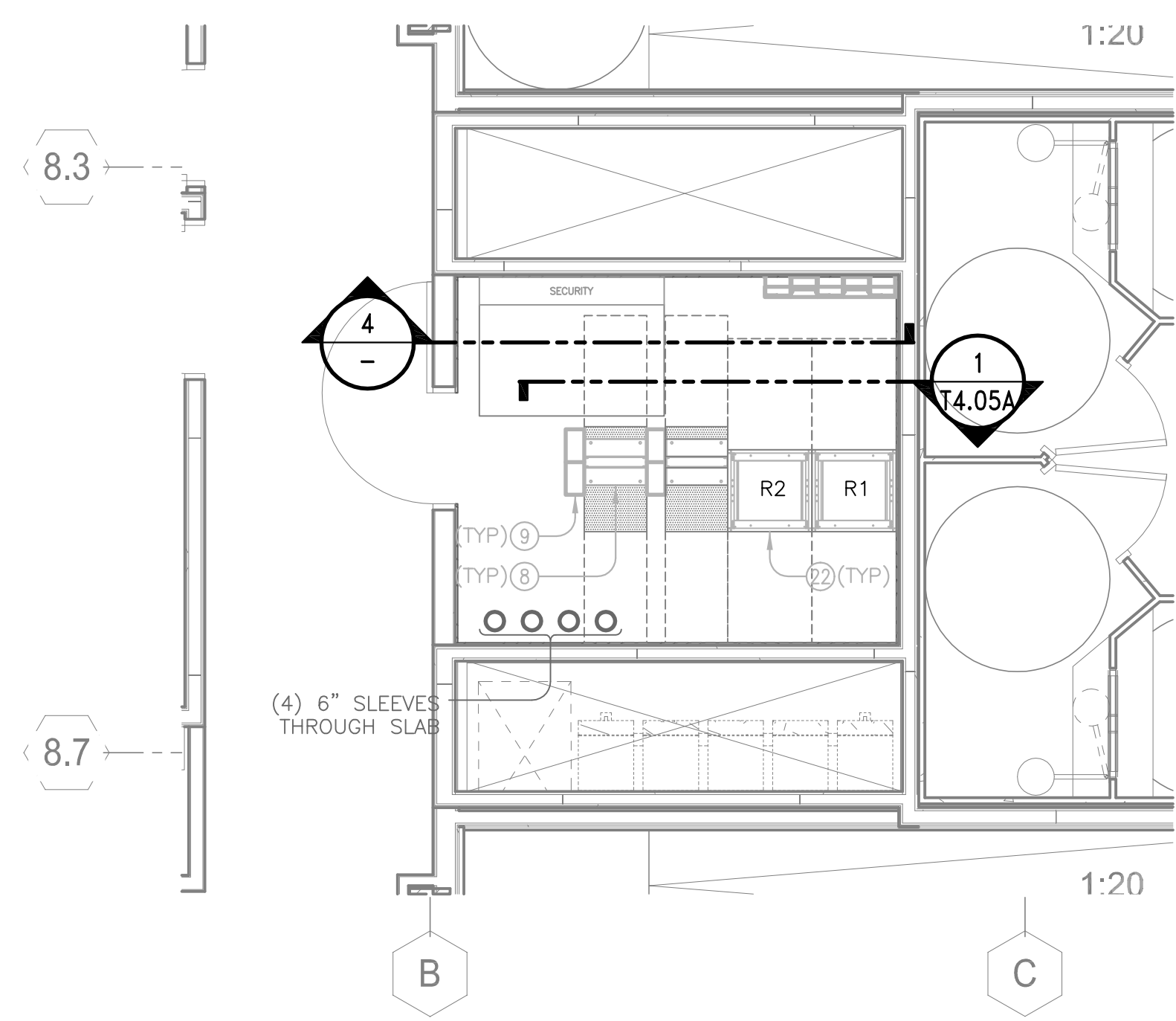
SOUTH IDF ROOM EQUIPMENT CABINET/RACK ELEVATION
SCALE: 1" = 1'-0"

GENERAL SHEET NOTES

1. PROVIDE 3/4" FIRE RATED PLYWOOD ON WALLS OF ROOM AS SHOWN, STARTING AT 6" AFF TO 8'-6" AFF. MASK FIRE RATING STAMP PRIOR TO PAINTING. USE FLUSH FASTENERS FOR MOUNTING PLYWOOD.
2. PROVIDE RADIUS DROP OUTS WHERE CABLES TRANSITION DOWNWARD FROM OVERHEAD HORIZONTAL CABLE TRAY. RADIUS DROP OUTS ARE NOT REQUIRED WHEN TRANSITIONING TELECOMMUNICATIONS CABLES AT THE RACK BAYS FROM OVERHEAD CABLE TRAY TO VERTICAL CABLE MANAGEMENT SECTIONS.
3. LABEL RACKS AND PATCH PANELS.
4. CABLE TRAY DEPTH REFERS TO TRAY'S LOADING DEPTH.
5. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CIRCUITS/OUTLETS AND LIGHTING REQUIREMENTS.
6. FIRESTOP PENETRATIONS (SLEEVES AND CONDUITS) THROUGH RATED WALLS AND FLOORS/DECKS TO MATCH RATING.
7. SEISMICALLY BRACE CABLE TRAYS AND EQUIPMENT RACKS TO MEET LOCAL SEISMIC CODES.
8. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
9. PATHWAYS SHOWN ARE DEDICATED FOR TELECOMMUNICATIONS CABLING ONLY, UON.
10. LABEL CONDUITS AT BOTH ENDS. LABEL MUST INDICATE CONDUIT'S USE FOR TELECOMMUNICATIONS CABLES ONLY AND LOCATION THE CONDUIT'S FAR END TERMINATION.
11. DO NOT PLACE CABINETS, PANELS, PIPING, DUCTING, OR EQUIPMENT IN THE TELECOM ROOMS OTHER THAN THAT SHOWN ON THESE ROOM PLANS AND DETAILS.
12. NEATLY BUNDLE (DRESS CABLES LONGITUDINALLY) AND SUPPORT (USING FASTENERS & TIES DESCRIBED IN SPECS & DRAWINGS) TELECOMMUNICATIONS CABLES ONTO OVERHEAD CABLE TRAY OR RUNWAY. NEATLY BUNDLE AND SUPPORT TELECOMMUNICATIONS CABLES ONTO VERTICALLY MOUNTED CABLE RUNWAY WHEN RISING FROM FLOOR SLEEVES OR DESCENDING FROM CEILING SLEEVES USING APPROVED TIES. NEATLY BUNDLE TELECOMMUNICATIONS CABLES INTO THE BACK OF THE VERTICAL CABLE MANAGEMENT SECTIONS USING APPROVED TIES. DRESS TELECOMMUNICATIONS CABLES FROM THE VERTICAL MANAGEMENT SECTIONS TO THE TERMINATION POSITION. MAXIMUM BUNDLE SIZE: 24 CABLES

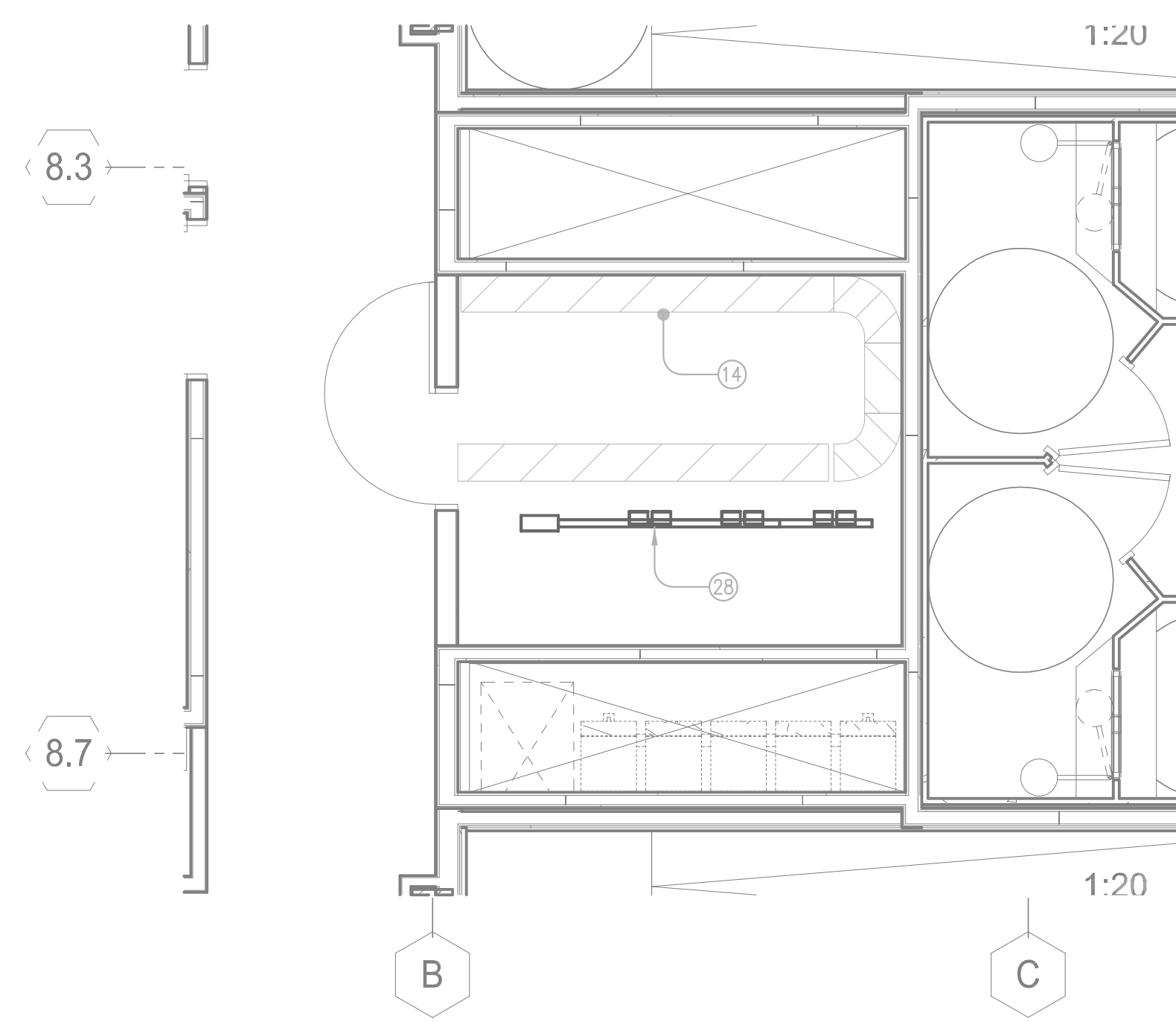
EQUIPMENT LIST

EQUIP. #	DESCRIPTION/COMMENT
①	ELECTRICAL PANEL SERVING THIS ROOM
②	4 FT FLUORESCENT FIXTURE
③	4 FT FLUORESCENT FIXTURE WITH EMERGENCY BALLAST
④	TELECOMMUNICATIONS GROUND BUS
⑤	3/4" FIRE RATED PLYWOOD
⑥	EZ-PATH FROM LEVEL BELOW
⑦	EZ-PATH TO LEVEL ABOVE
⑧	19" EQUIPMENT RACK - 7 FT TALL (BLACK)
⑨	CPI 6" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑩	CPI 10" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑪	CPI 4" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑫	2U HORIZONTAL CABLE MANAGER WITH HINGED COVER
⑬	18" WIDE CABLE TRAY MOUNTED AT 8'-6"
⑭	12" WIDE CABLE TRAY MOUNTED AT 7'-6"
⑮	24" WIDE CABLE RUNWAY
⑯	18" WIDE CABLE RUNWAY
⑰	CABLE DROP-OUTS, TYPICAL WHERE CABLES TRANSITION DOWNWARD
⑱	FIBER OPTIC PANEL FOR BACKBONE TERMINATIONS
⑲	BUILDING ENTRANCE PROTECTORS (100-PR) BY AT&T
⑳	110 STYLE WIRE MANAGER
㉑	110 STYLE FIELD TERMINATION BLOCK (300-PR)
㉒	42U CABINET ENCLOSURE
㉓	48 PORT CATEGORY 6A PATCH PANEL
㉔	RESERVED WALL SPACE FOR SECURITY
㉕	RACK GUSSET KIT
㉖	NETWORK EQUIPMENT - SWITCH
㉗	VERTICAL POWER STRIP
㉘	STARLINE BUS SYSTEM. REFER TO ELECTRICAL DRAWINGS.
㉙	HORIZONTAL POWER STRIP



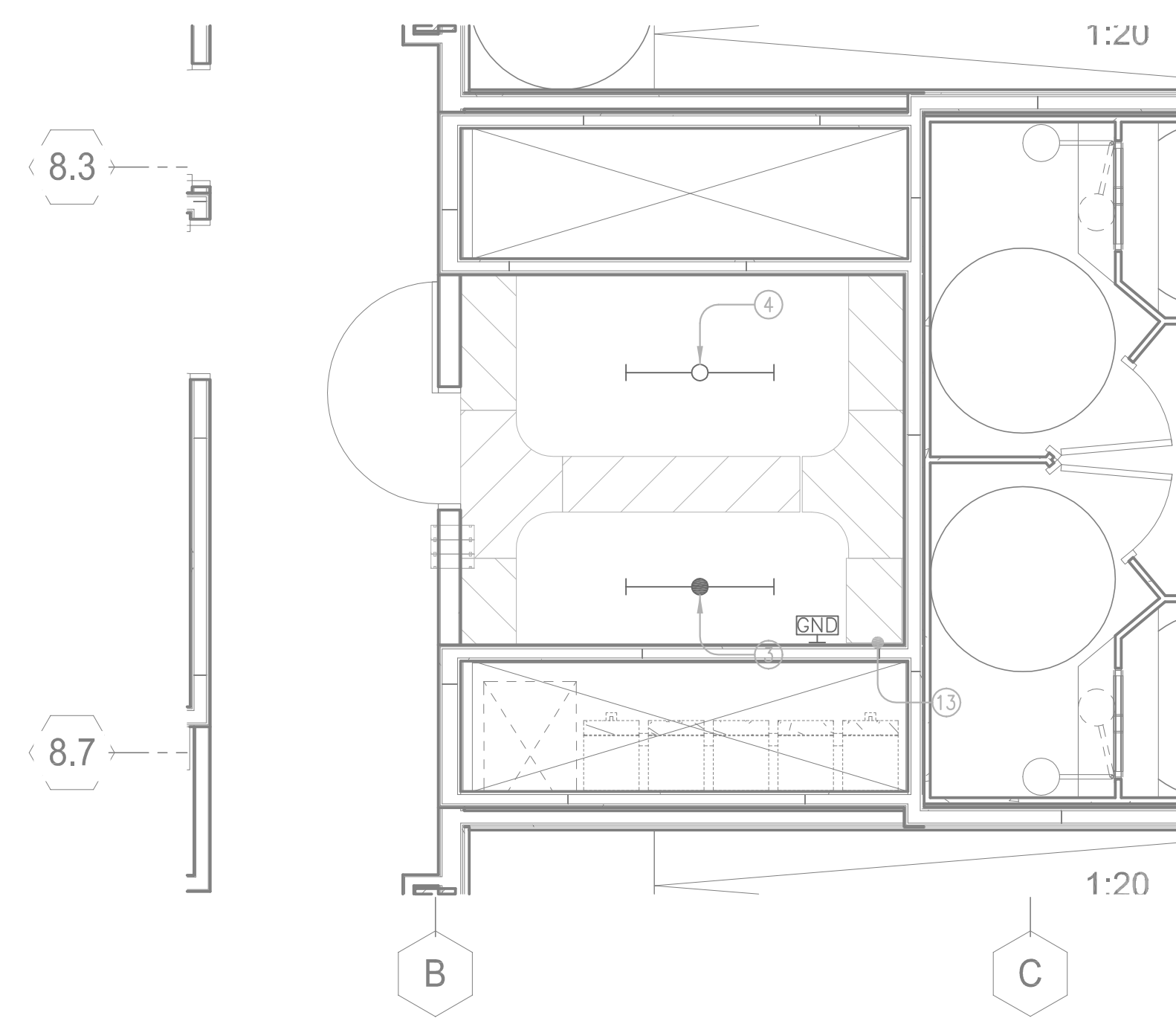
SOUTH IDF ROOM PLAN
SCALE: 1/4" = 1'-0"

1



IDF ROOM OVERHEAD PLAN LVL ONE
SCALE: 1/4" = 1'-0"

2



IDF ROOM OVERHEAD PLAN LVL TWO
SCALE: 1/4" = 1'-0"

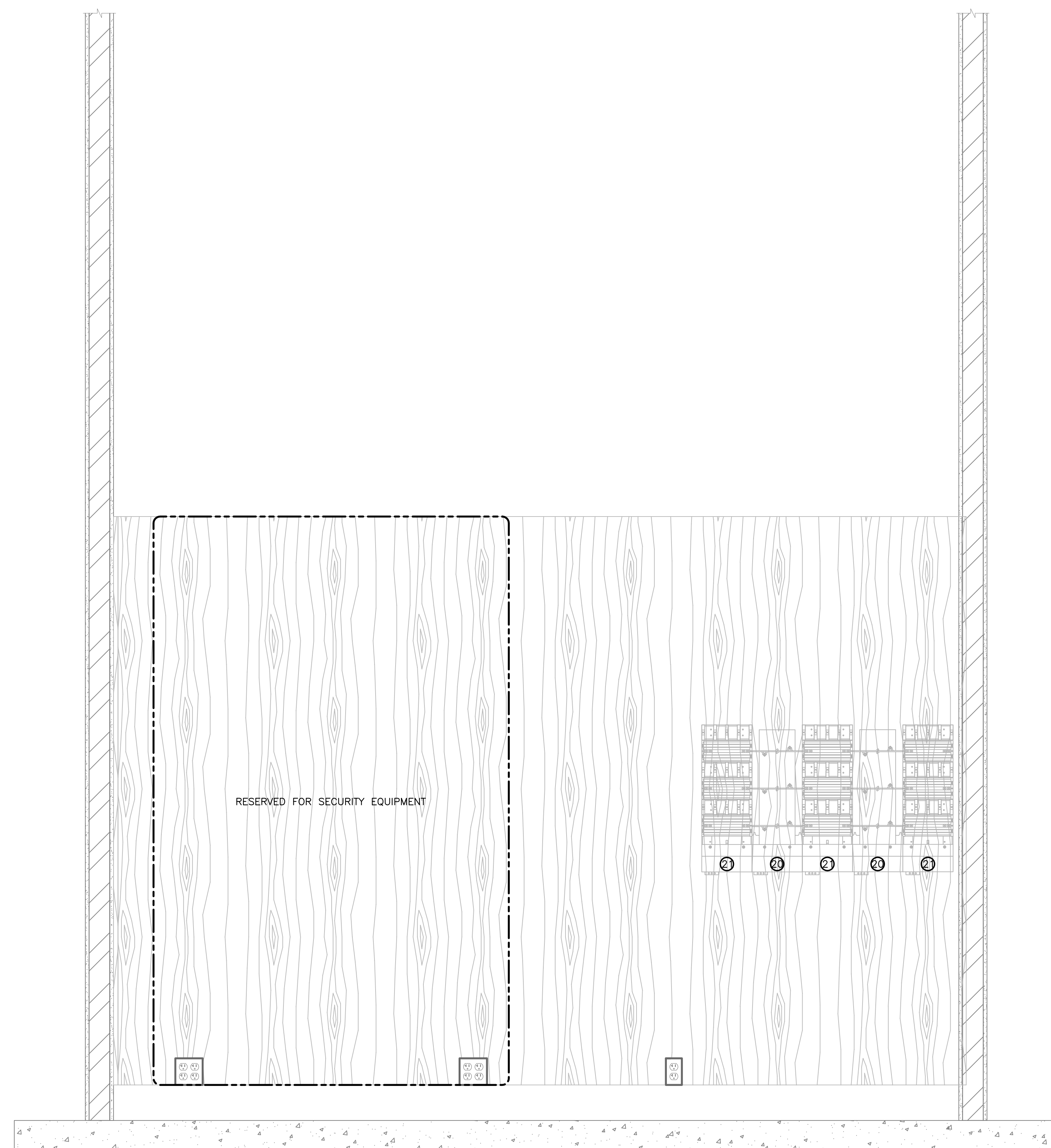
3

GENERAL SHEET NOTES

1. PROVIDE 3/4" FIRE RATED PLYWOOD ON WALLS OF ROOM AS SHOWN, STARTING AT 6" AFF TO 8'-6" AFF. MASK FIRE RATING STAMP PRIOR TO PAINTING. USE FLUSH FASTENERS FOR MOUNTING PLYWOOD.
2. PROVIDE RADIUS DROP OUTS WHERE CABLES TRANSITION DOWNWARD FROM OVERHEAD HORIZONTAL CABLE TRAY. RADIUS DROP OUTS ARE NOT REQUIRED WHEN TRANSITIONING TELECOMMUNICATIONS CABLES AT THE RACK BAYS FROM OVERHEAD CABLE TRAY TO VERTICAL CABLE MANAGEMENT SECTIONS.
3. LABEL RACKS AND PATCH PANELS.
4. CABLE TRAY DEPTH REFERS TO TRAY'S LOADING DEPTH.
5. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CIRCUITS/OUTLETS AND LIGHTING REQUIREMENTS.
6. FIRESTOP PENETRATIONS (SLEEVES AND CONDUITS) THROUGH RATED WALLS AND FLOORS/DECKS TO MATCH RATING.
7. SEISMICALLY BRACE CABLE TRAYS AND EQUIPMENT RACKS TO MEET LOCAL SEISMIC CODES.
8. PROVIDE KNOCK-ON BUSHINGS ON CONDUIT AND SLEEVE ENDS.
9. PATHWAYS SHOWN ARE DEDICATED FOR TELECOMMUNICATIONS CABLING ONLY, UON.
10. LABEL CONDUITS AT BOTH ENDS. LABEL MUST INDICATE CONDUIT'S USE FOR TELECOMMUNICATIONS CABLES ONLY AND LOCATION THE CONDUIT'S FAR END TERMINATION.
11. DO NOT PLACE CABINETS, PANELS, PIPING, DUCTING, OR EQUIPMENT IN THE TELECOM ROOMS OTHER THAN THAT SHOWN ON THESE ROOM PLANS AND DETAILS.
12. NEATLY BUNDLE (DRESS CABLES LONGITUDINALLY) AND SUPPORT (USING FASTENERS & TIES DESCRIBED IN SPECS & DRAWINGS) TELECOMMUNICATIONS CABLES ONTO OVERHEAD CABLE TRAY OR RUNWAY. NEATLY BUNDLE AND SUPPORT TELECOMMUNICATIONS CABLES ONTO VERTICALLY MOUNTED CABLE RUNWAY WHEN RISING FROM FLOOR SLEEVES OR DESCENDING FROM CEILING SLEEVES USING APPROVED TIES. NEATLY BUNDLE TELECOMMUNICATIONS CABLES INTO THE BACK OF THE VERTICAL CABLE MANAGEMENT SECTIONS USING APPROVED TIES. DRESS TELECOMMUNICATIONS CABLES FROM THE VERTICAL MANAGEMENT SECTIONS TO THE TERMINATION POSITION. MAXIMUM BUNDLE SIZE: 24 CABLES

EQUIPMENT LIST

EQUIP. #	DESCRIPTION/COMMENT
①	ELECTRICAL PANEL SERVING THIS ROOM
②	4 FT FLUORESCENT FIXTURE
③	4 FT FLUORESCENT FIXTURE WITH EMERGENCY BALLAST
④	TELECOMMUNICATIONS GROUND BUS
⑤	3/4" FIRE RATED PLYWOOD
⑥	EZ-PATH FROM LEVEL BELOW
⑦	EZ-PATH TO LEVEL ABOVE
⑧	19" EQUIPMENT RACK - 7 FT TALL (BLACK)
⑨	CPI 6" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑩	CPI 10" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑪	CPI 4" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑫	2U HORIZONTAL CABLE MANAGER WITH HINGED COVER
⑬	18" WIDE CABLE TRAY MOUNTED AT 8'-6"
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⑮	24" WIDE CABLE RUNWAY
⑯	18" WIDE CABLE RUNWAY
⑰	CABLE DROP-OUTS, TYPICAL WHERE CABLES TRANSITION DOWNWARD
⑱	FIBER OPTIC PANEL FOR BACKBONE TERMINATIONS
⑲	BUILDING ENTRANCE PROTECTORS (100-PR) BY AT&T
⑳	110 STYLE WIRE MANAGER
㉑	110 STYLE FIELD TERMINATION BLOCK (300-PR)
㉒	42U CABINET ENCLOSURE
㉓	48 PORT CATEGORY 6A PATCH PANEL
㉔	RESERVED WALL SPACE FOR SECURITY
㉕	RACK GUSSET KIT
㉖	NETWORK EQUIPMENT - SWITCH
㉗	VERTICAL POWER STRIP
㉘	STARLINE BUS SYSTEM. REFER TO ELECTRICAL DRAWINGS.
㉙	HORIZONTAL POWER STRIP



SOUTH IDF ROOM PLAN NORTH WALL ELEVATION
SCALE: 1" = 1'-0"

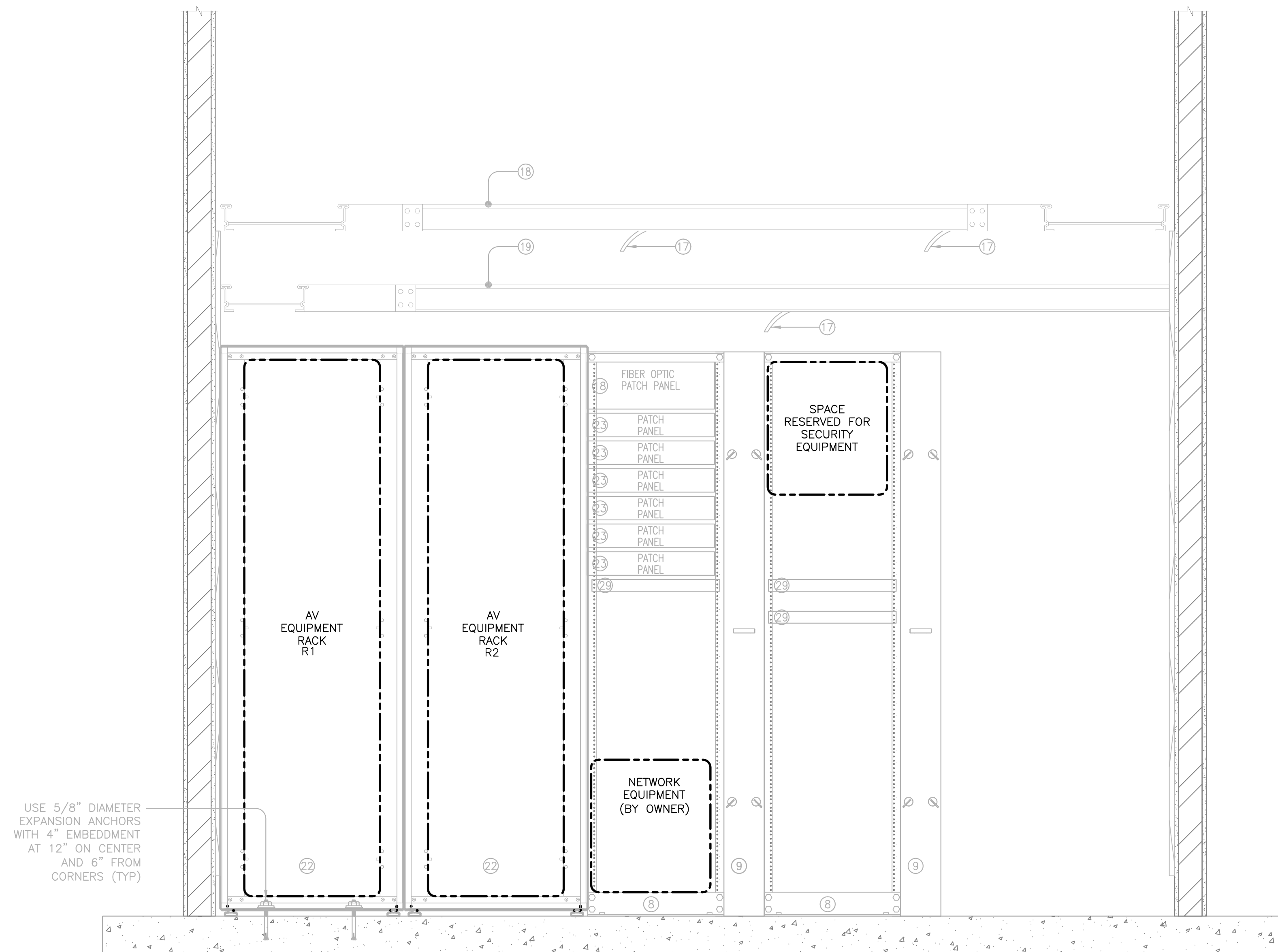
4

GENERAL SHEET NOTES

1. PROVIDE 3/4" FIRE RATED PLYWOOD ON WALLS OF ROOM AS SHOWN, STARTING AT 6" AFF TO 8'-6" AFF. MASK FIRE RATING STAMP PRIOR TO PAINTING. USE FLUSH FASTENERS FOR MOUNTING PLYWOOD.
2. PROVIDE RADIUS DROP OUTS WHERE CABLES TRANSITION DOWNWARD FROM OVERHEAD HORIZONTAL CABLE TRAY. RADIUS DROP OUTS ARE NOT REQUIRED WHEN TRANSITIONING TELECOMMUNICATIONS CABLES AT THE RACK BAYS FROM OVERHEAD CABLE TRAY TO VERTICAL CABLE MANAGEMENT SECTIONS.
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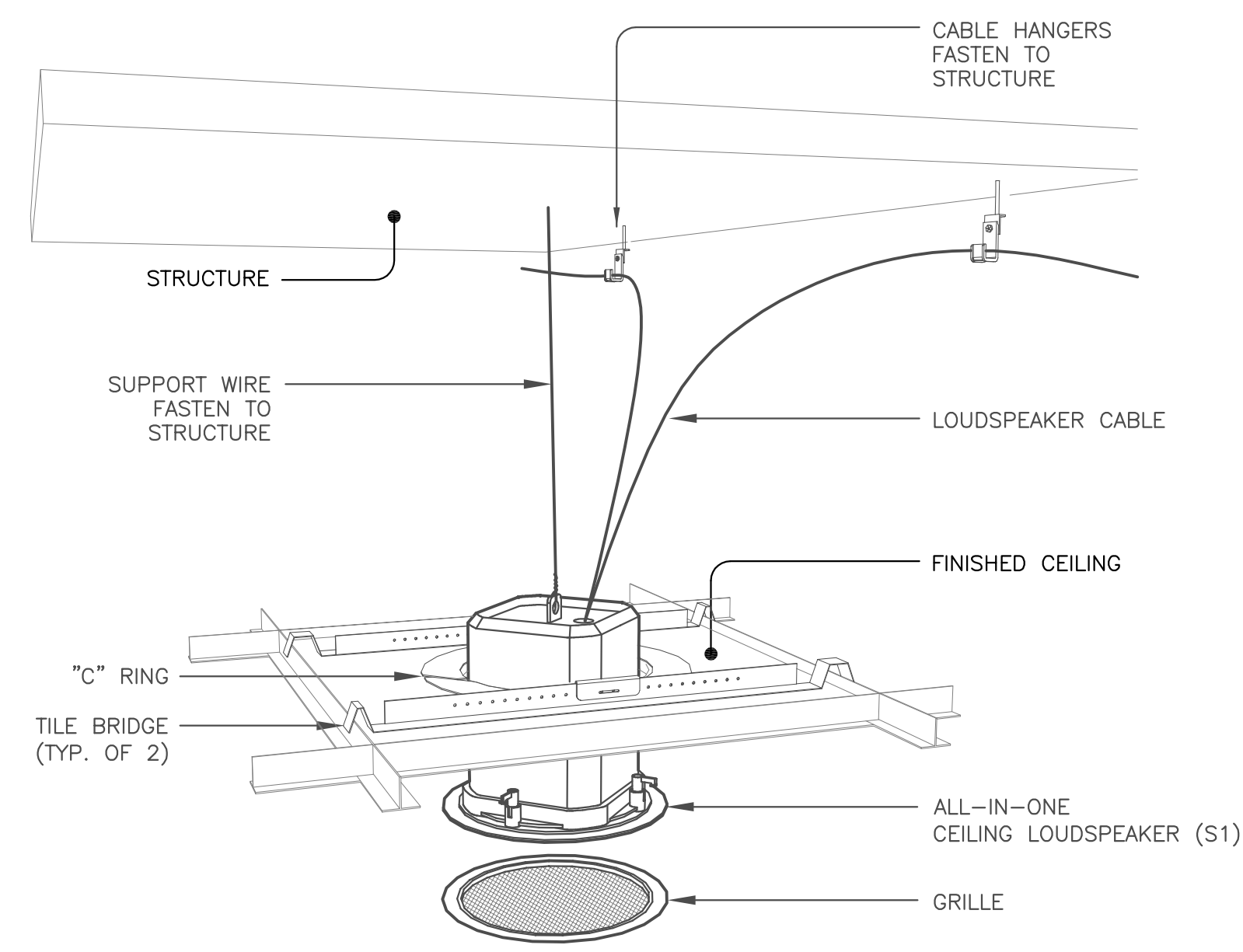
EQUIPMENT LIST

EQUIP. #	DESCRIPTION/COMMENT
①	ELECTRICAL PANEL SERVING THIS ROOM
②	4 FT FLUORESCENT FIXTURE
③	4 FT FLUORESCENT FIXTURE WITH EMERGENCY BALLAST
④	TELECOMMUNICATIONS GROUND BUS
⑤	3/4" FIRE RATED PLYWOOD
⑥	EZ-PATH FROM LEVEL BELOW
⑦	EZ-PATH TO LEVEL ABOVE
⑧	19" EQUIPMENT RACK - 7 FT TALL (BLACK)
⑨	CPI 6" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑩	CPI 10" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑪	CPI 4" VERTICAL CABLE MANAGER WITH HINGED COVER (EXTRA DEEP)
⑫	2U HORIZONTAL CABLE MANAGER WITH HINGED COVER
⑬	18" WIDE CABLE TRAY MOUNTED AT 8'-6"
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⑮	24" WIDE CABLE RUNWAY
⑯	18" WIDE CABLE RUNWAY
⑰	CABLE DROP-OUTS, TYPICAL WHERE CABLES TRANSITION DOWNWARD
⑱	FIBER OPTIC PANEL FOR BACKBONE TERMINATIONS
⑲	BUILDING ENTRANCE PROTECTORS (100-PR) BY AT&T
⑳	110 STYLE WIRE MANAGER
㉑	110 STYLE FIELD TERMINATION BLOCK (300-PR)
㉒	42U CABINET ENCLOSURE
㉓	48 PORT CATEGORY 6A PATCH PANEL
㉔	RESERVED WALL SPACE FOR SECURITY
㉕	RACK GUSSET KIT
㉖	NETWORK EQUIPMENT - SWITCH
㉗	VERTICAL POWER STRIP
㉘	STARLINE BUS SYSTEM. REFER TO ELECTRICAL DRAWINGS.
㉙	HORIZONTAL POWER STRIP



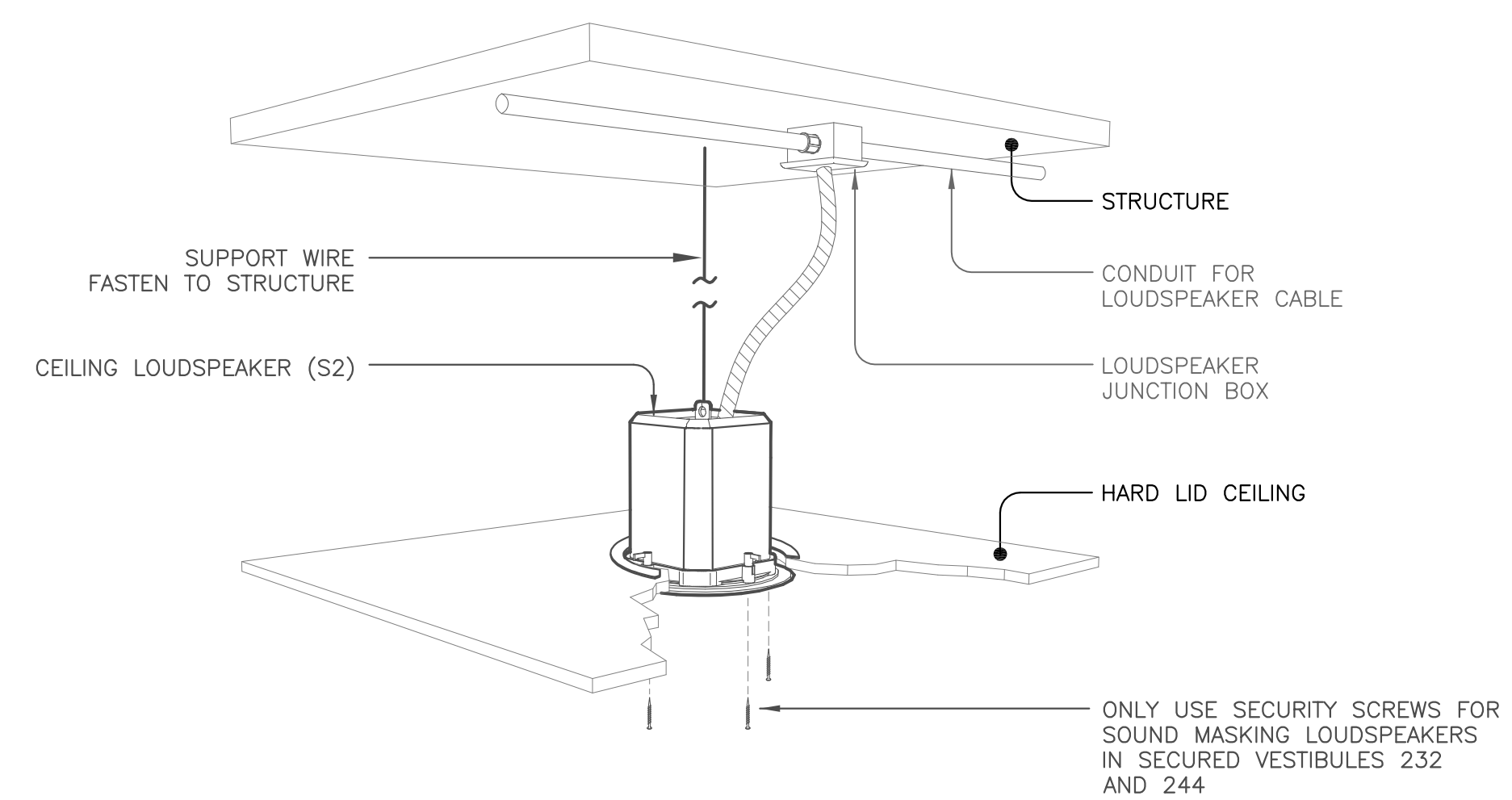
SOUTH IDF ROOM EQUIPMENT CABINET/RACK ELEVATION
SCALE: 1" = 1'-0"

1



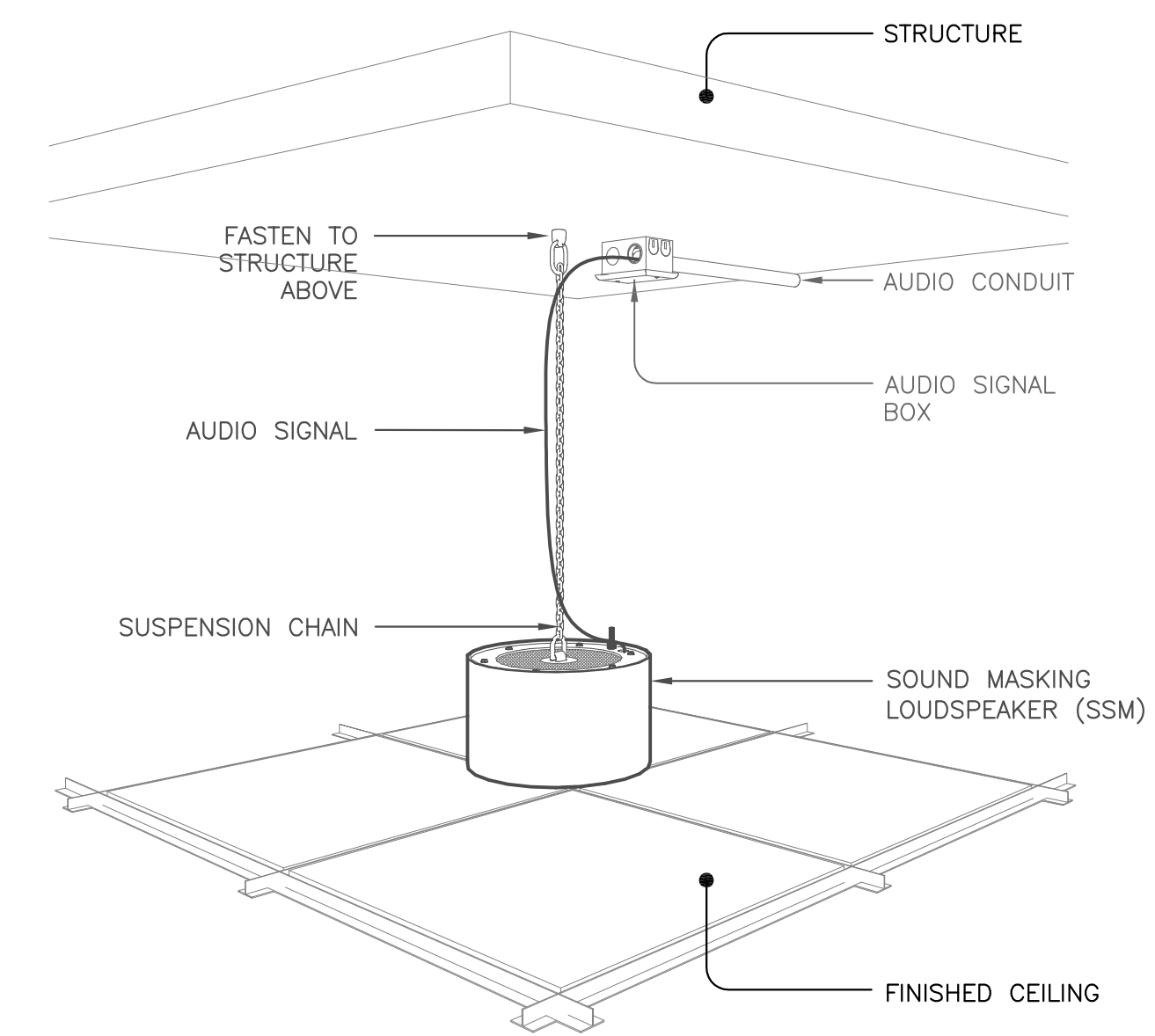
APPLICABLE TO SYMBOL: S^1
CEILING LOUDSPEAKER IN TILE CEILING
 SCALE: NTS

1



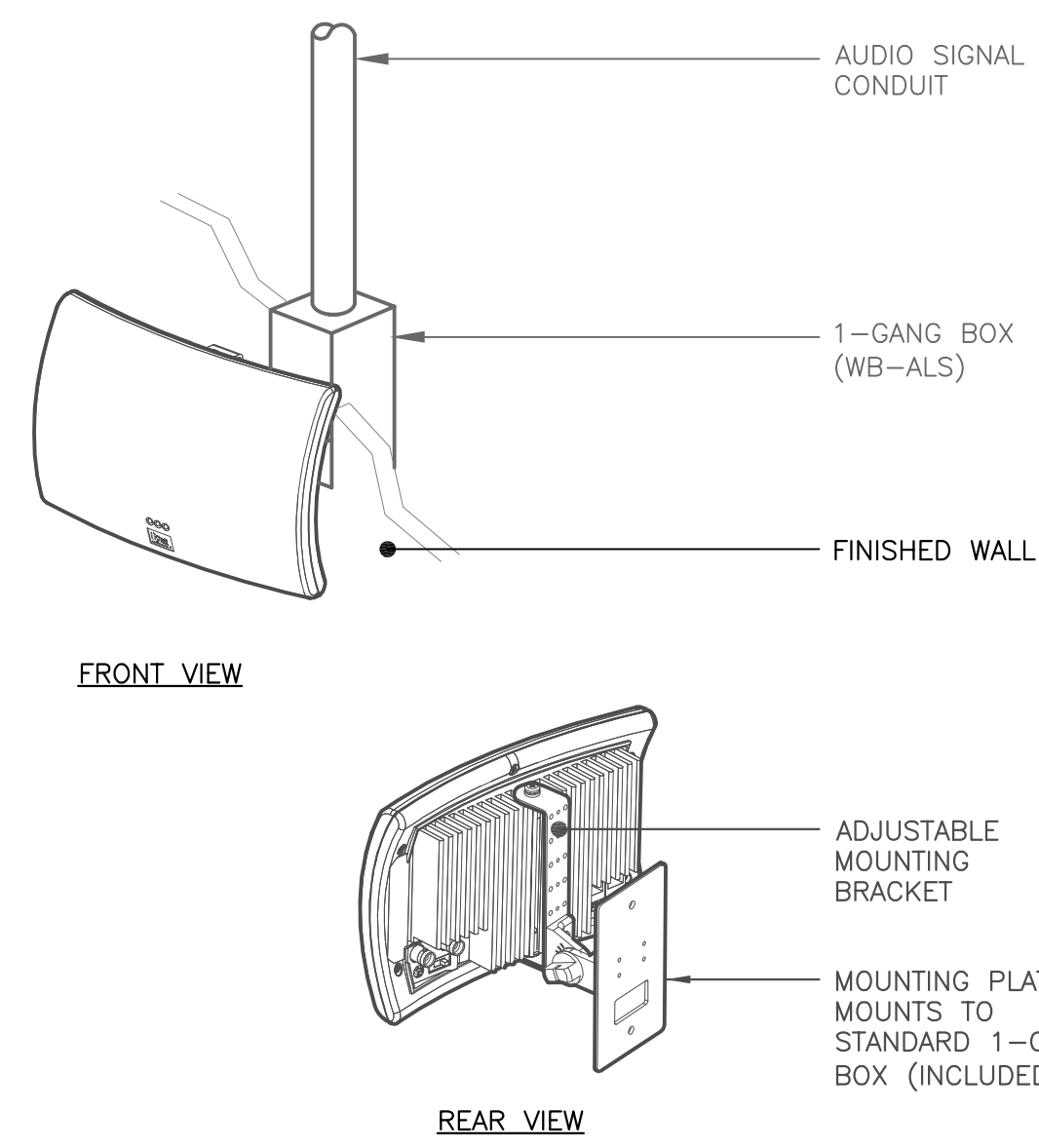
APPLICABLE TO SYMBOL: S^2
CEILING LOUDSPEAKER IN HARD LID CEILINGS
 SCALE: NTS

2



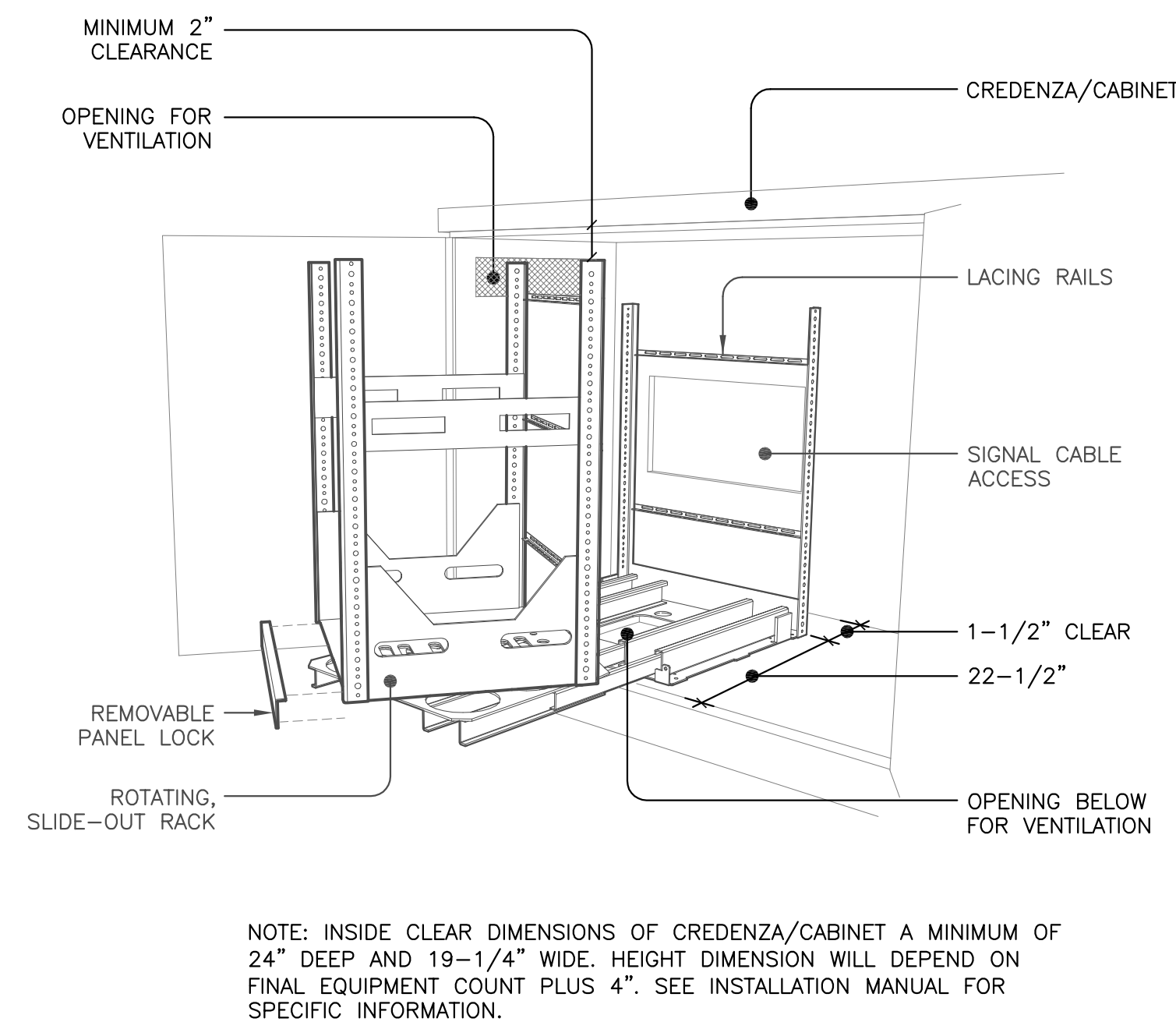
APPLICABLE TO SYMBOL: S^{SM}
SOUND MASKING LOUDSPEAKER
 SCALE: NTS

3



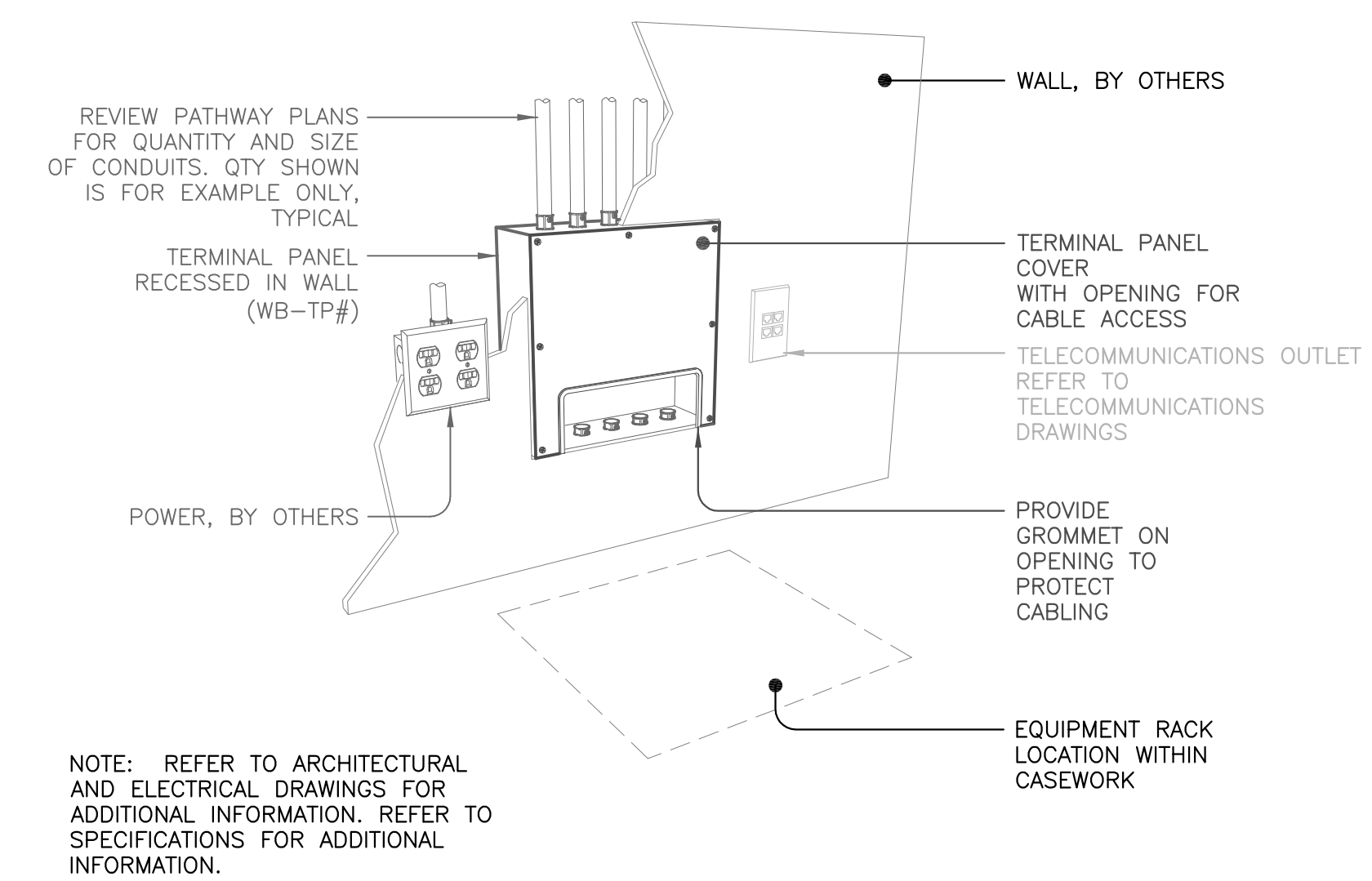
APPLICABLE TO SYMBOL: HWP^{ALS}
ALS EMITTER
 SCALE: NTS

4



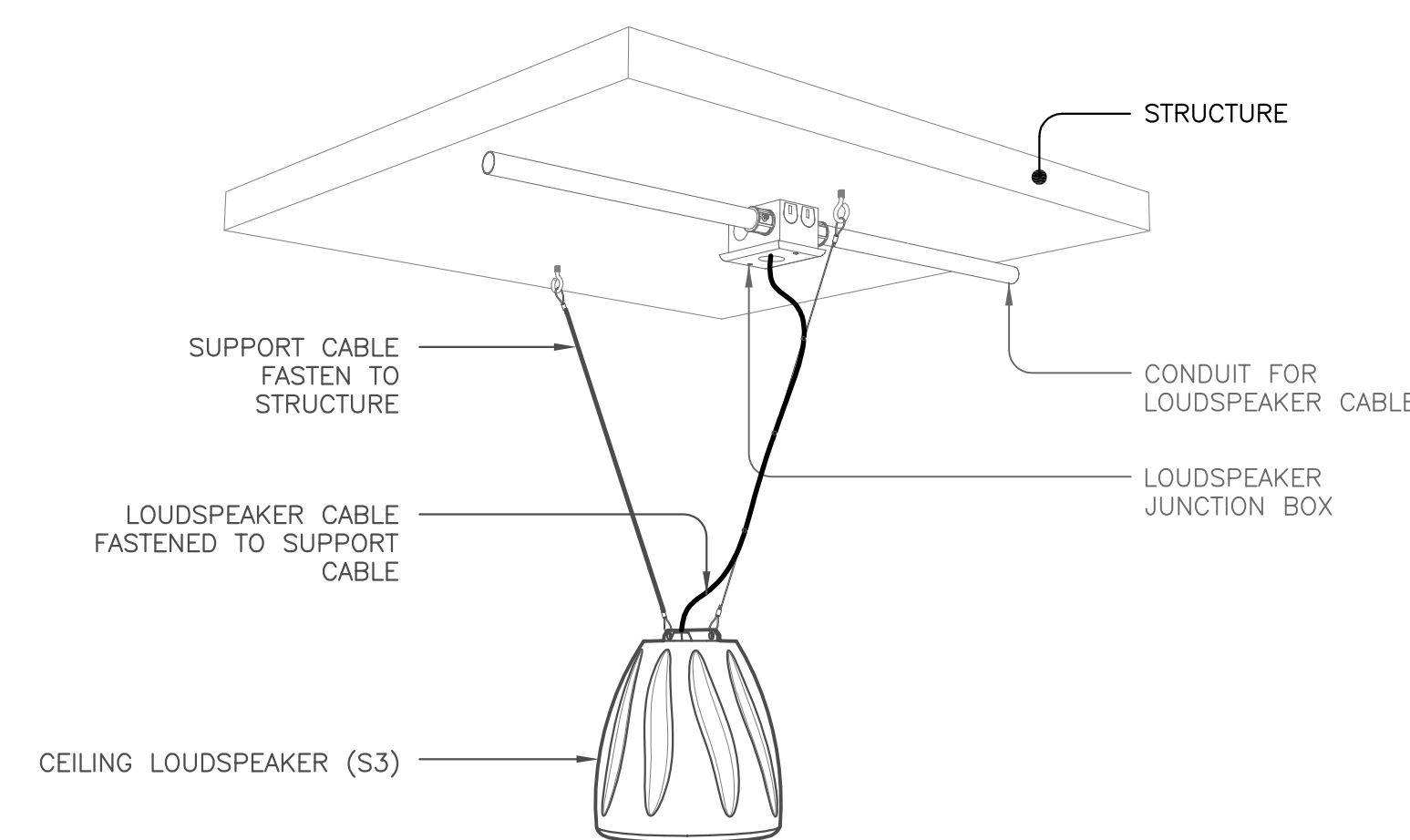
SLIDE-OUT AV EQUIPMENT RACK
 SCALE: NTS

5



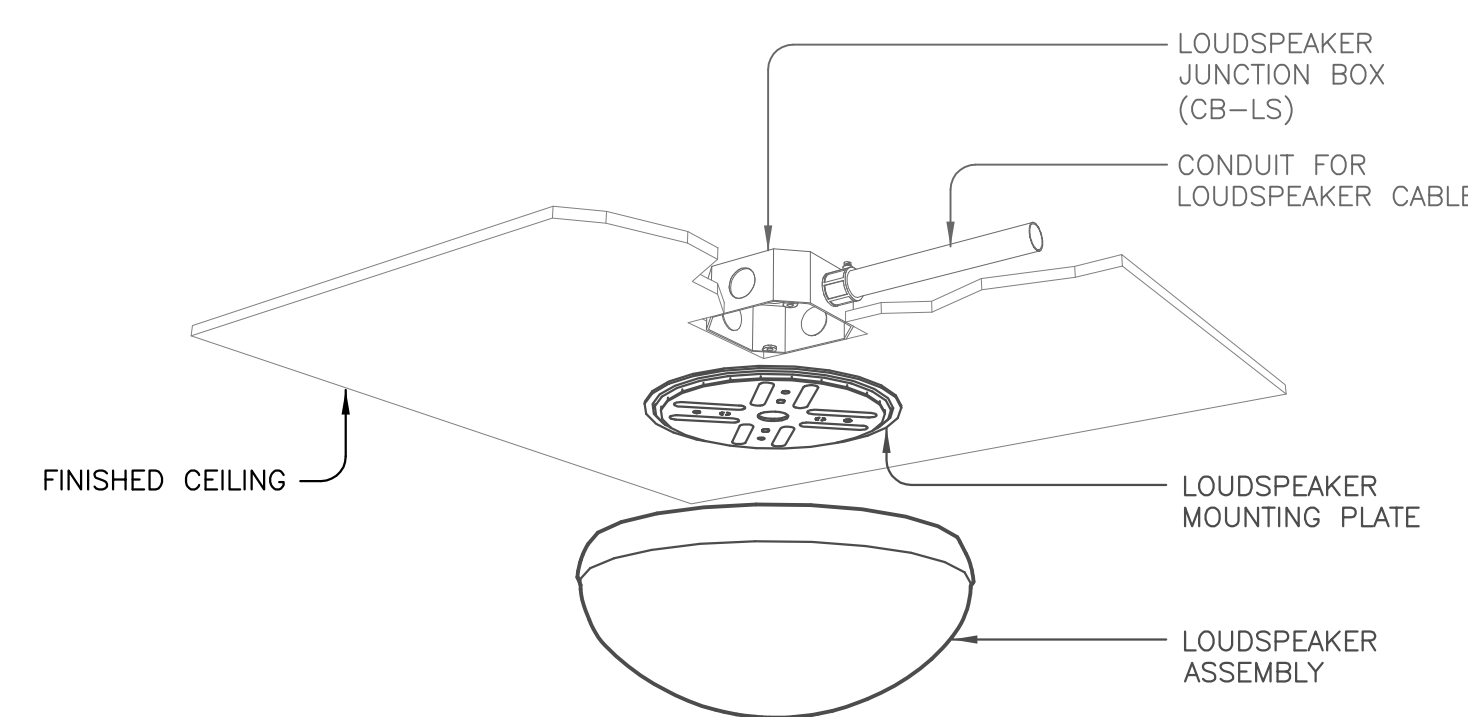
APPLICABLE TO SYMBOL: HWP^{TP8} HWP^{TP10}
TERMINAL PANEL
 SCALE: NTS

6



APPLICABLE TO SYMBOL: S^3
PENDANT STYLE LOUDSPEAKER
 SCALE: NTS

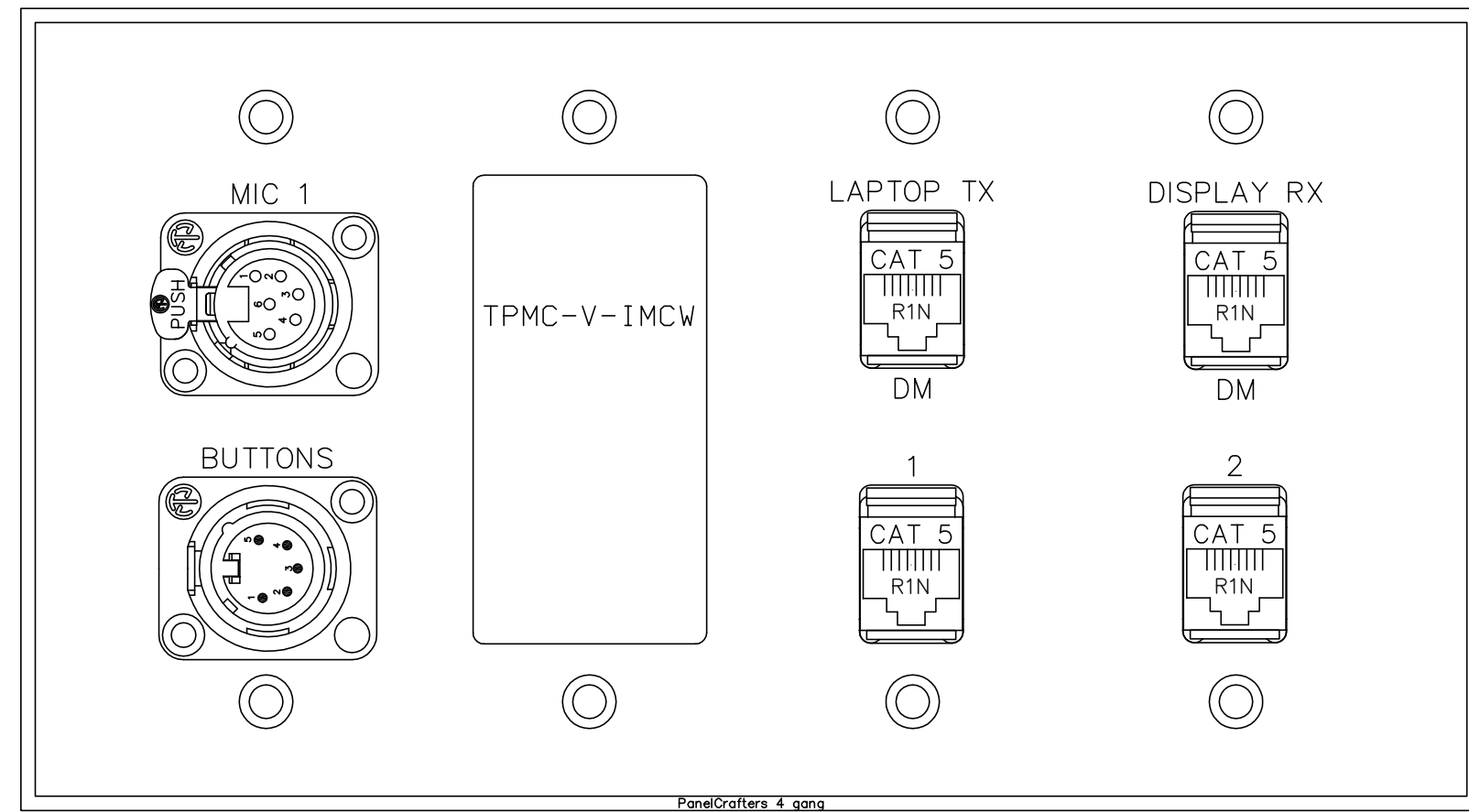
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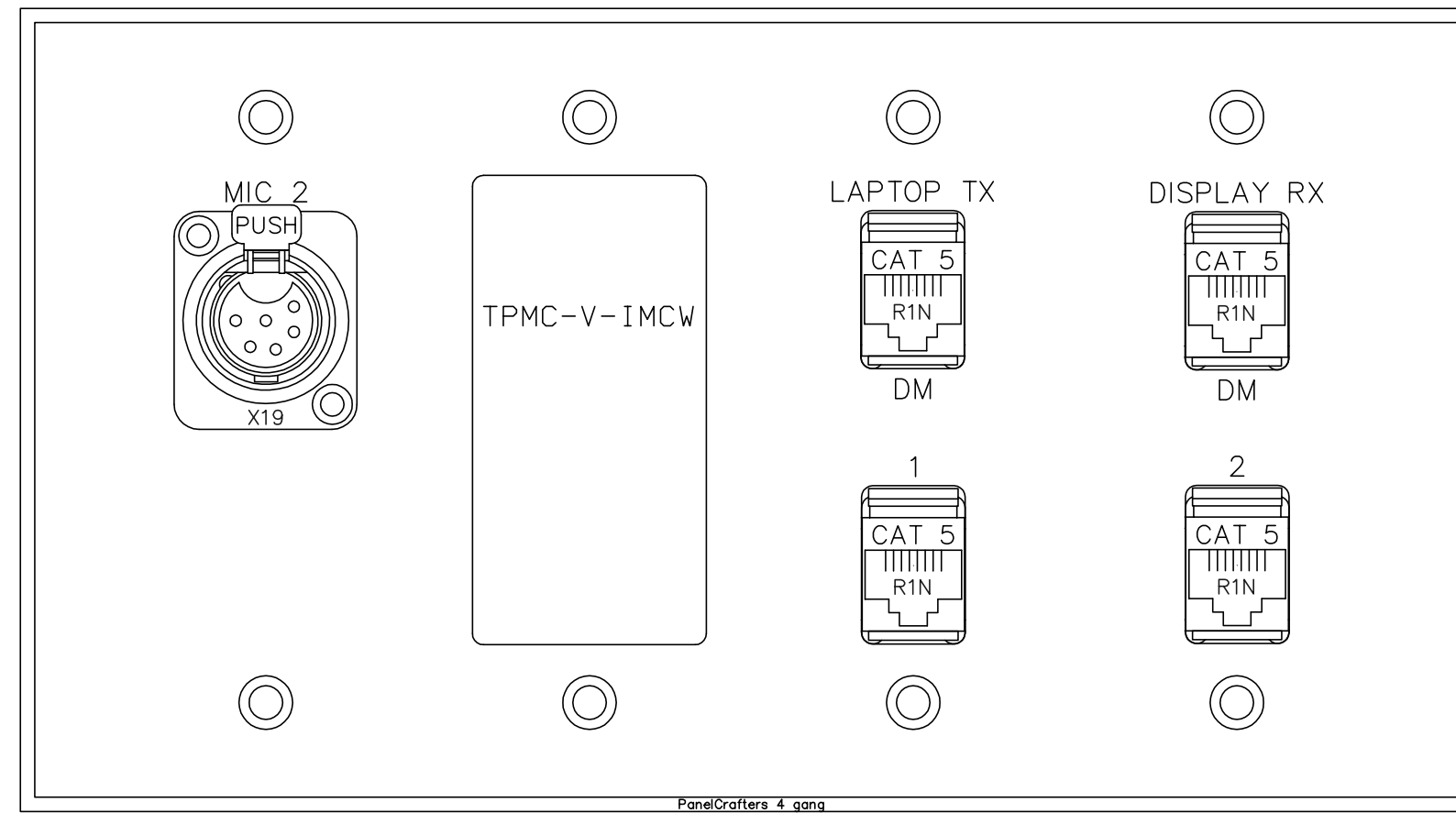
APPLICABLE TO SYMBOL: S^{LS}
EXTERIOR LOUDSPEAKER UNDER SOFFIT
 SCALE: NTS

8

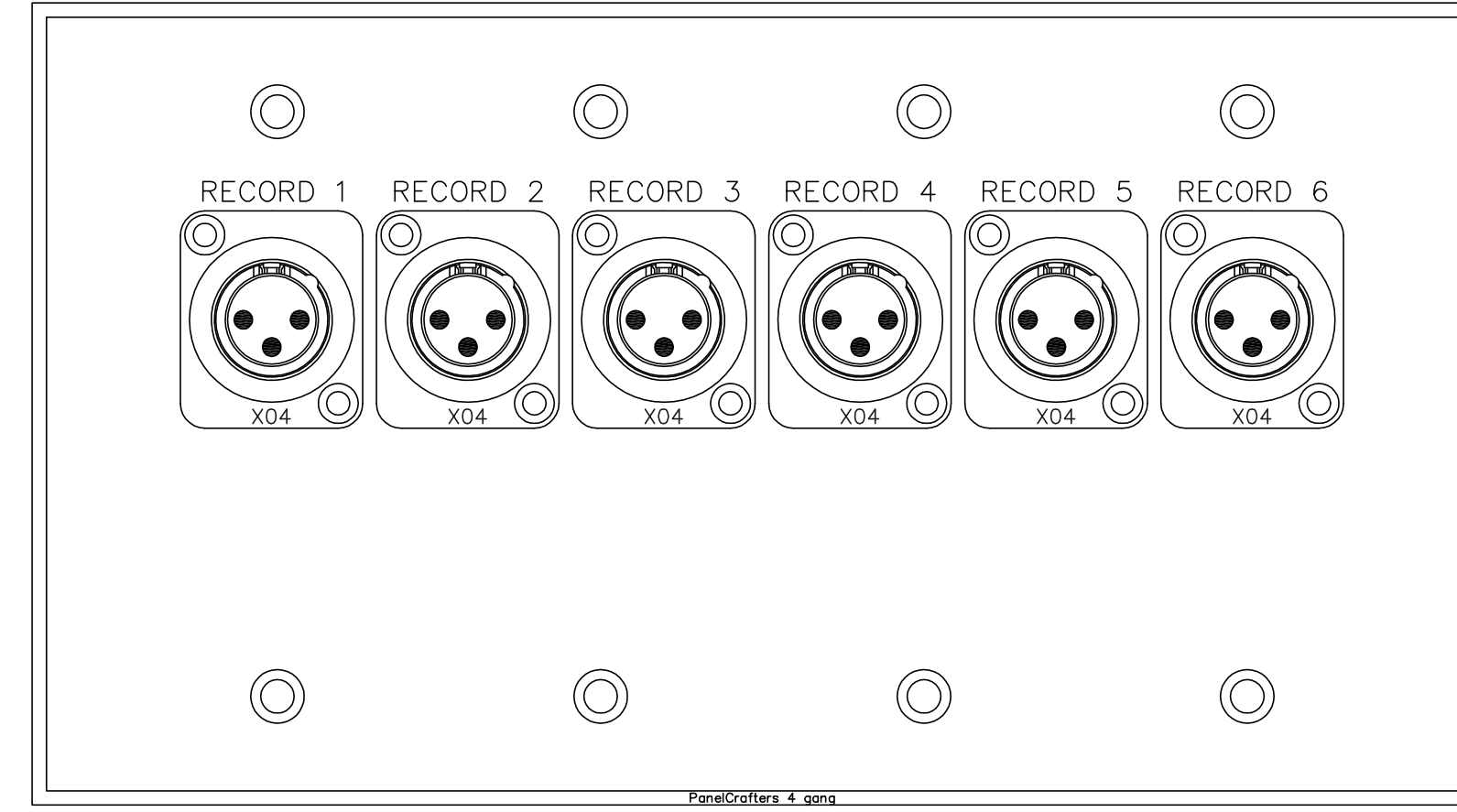
DO NOT EXHAUST THE TAB BLOCK			
Plate Name:	Plate 1 JUDGE BENCH		
Plate Finish:	Plt Color:	Qty:	
Black	White	9	
Part #:	QDF File Name:		
Custom 1	T523 Detail 1		



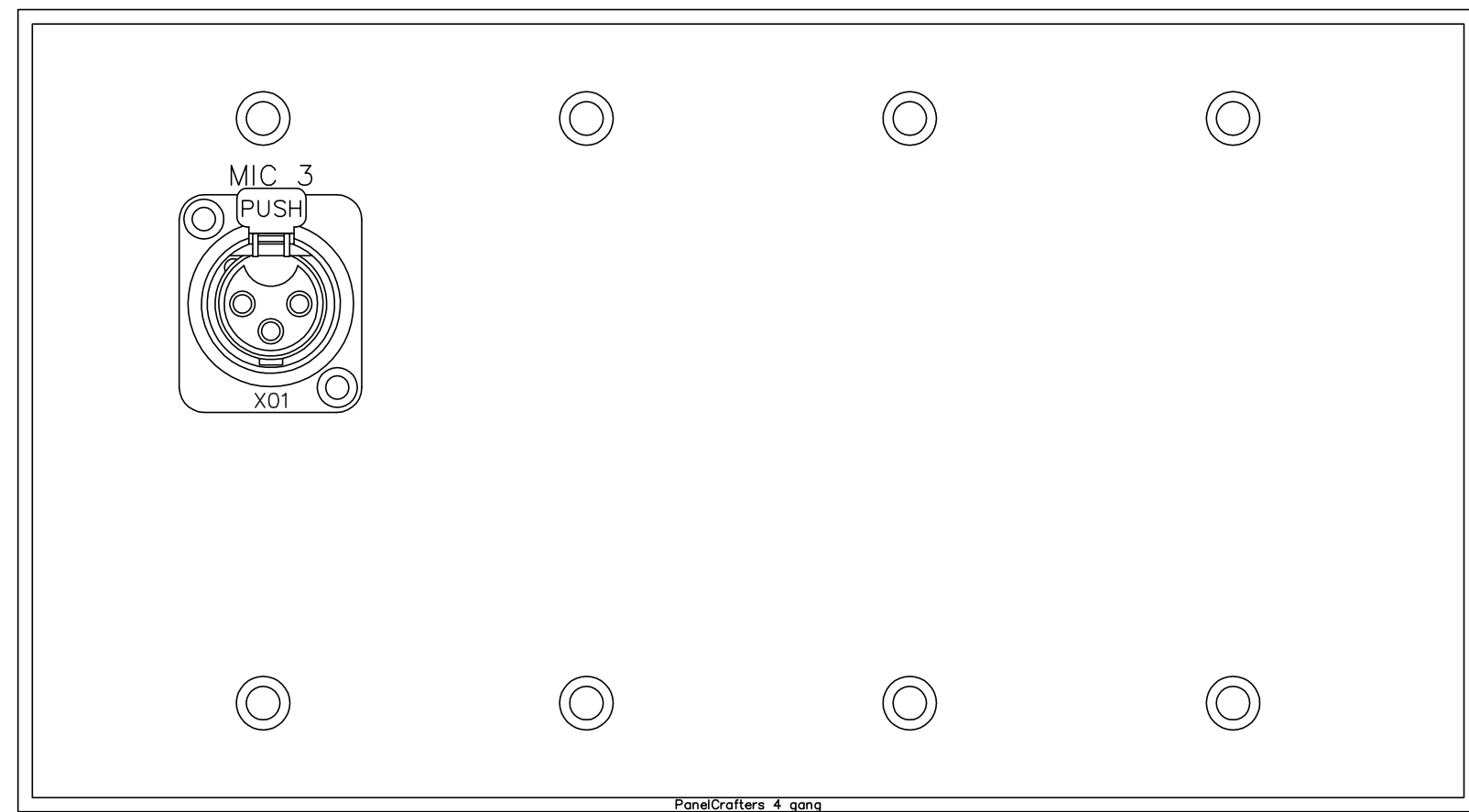
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Custom 2A	T523 Detail 2A		



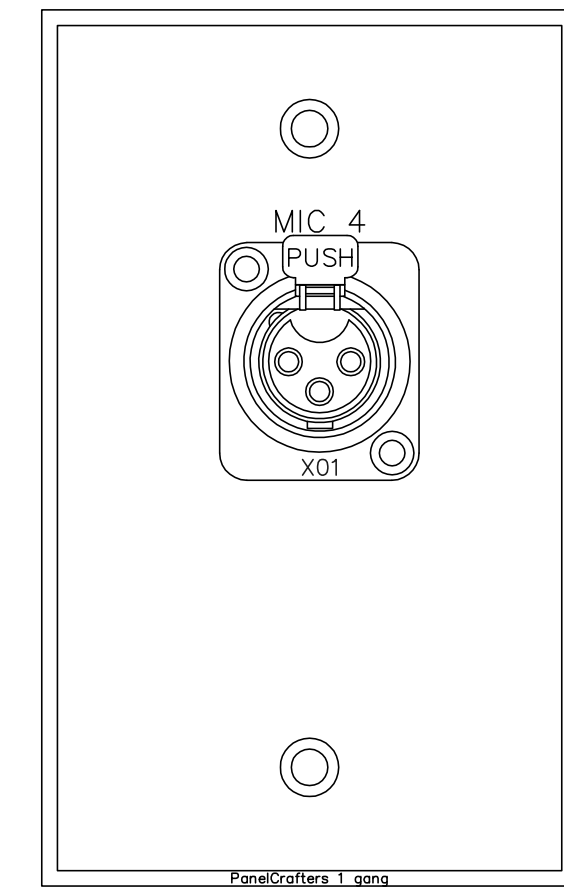
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Part #:	QDF File Name:		
Custom 2B	T523 Detail 2B		



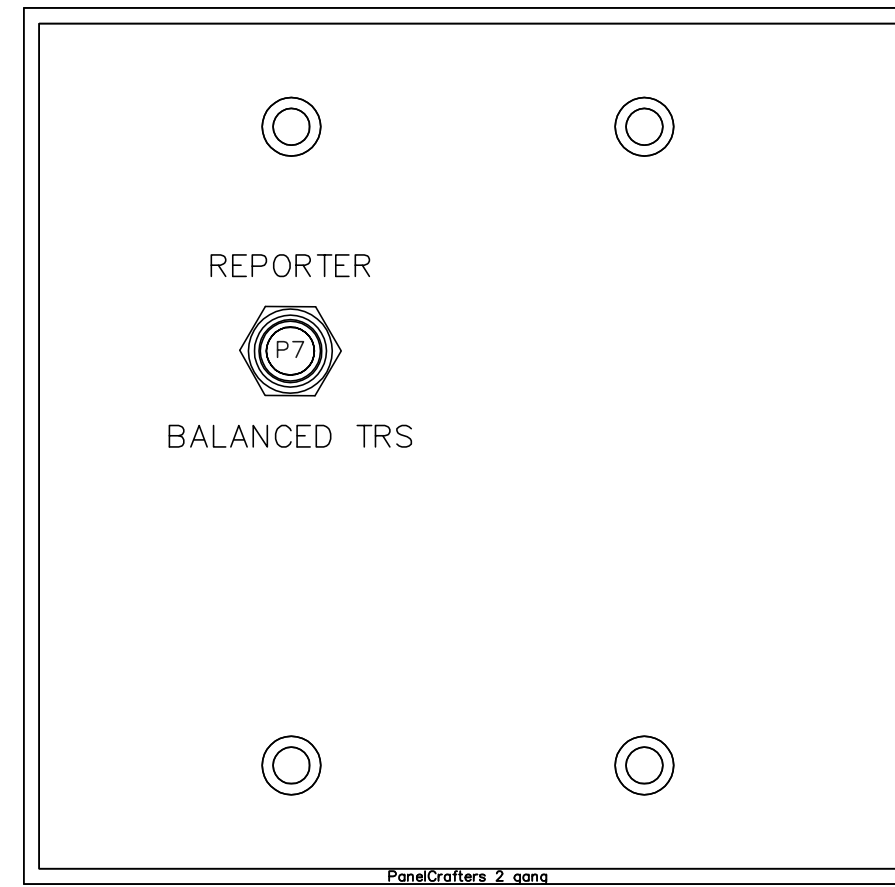
DO NOT EXHAUST THE TAB BLOCK			
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Part #:	QDF File Name:		
Custom 3	T523 Detail 3		



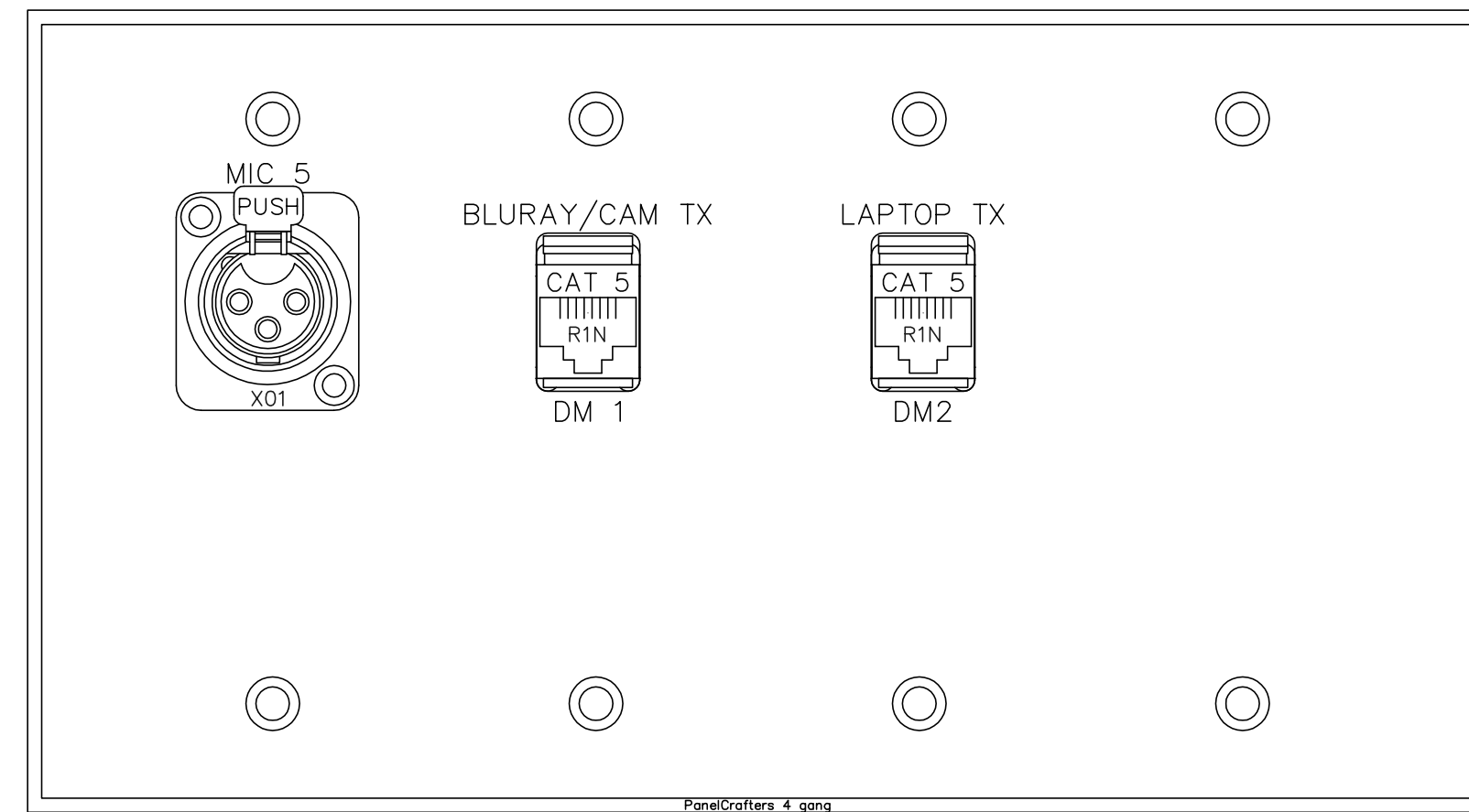
DO NOT EXHAUST THE TAB BLOCK			
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Part #:	QDF File Name:		
Custom 4	T523 Detail 4		



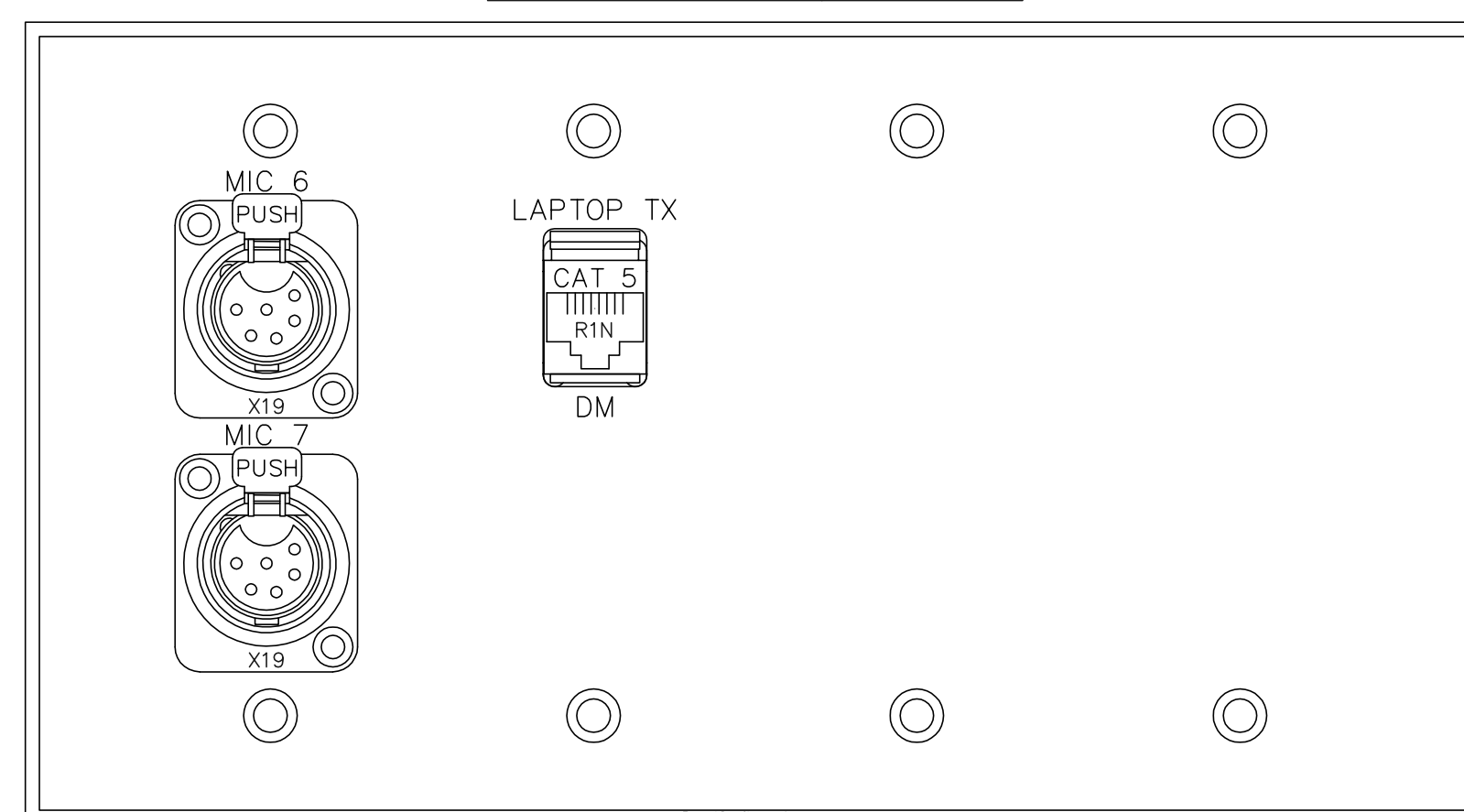
DO NOT EXHAUST THE TAB BLOCK			
Plate Name:	Plate 5		
Plate Finish:	Plt Color:	Qty:	
Black	White	9	
Part #:	QDF File Name:		
Custom 5	T523 Detail 5		



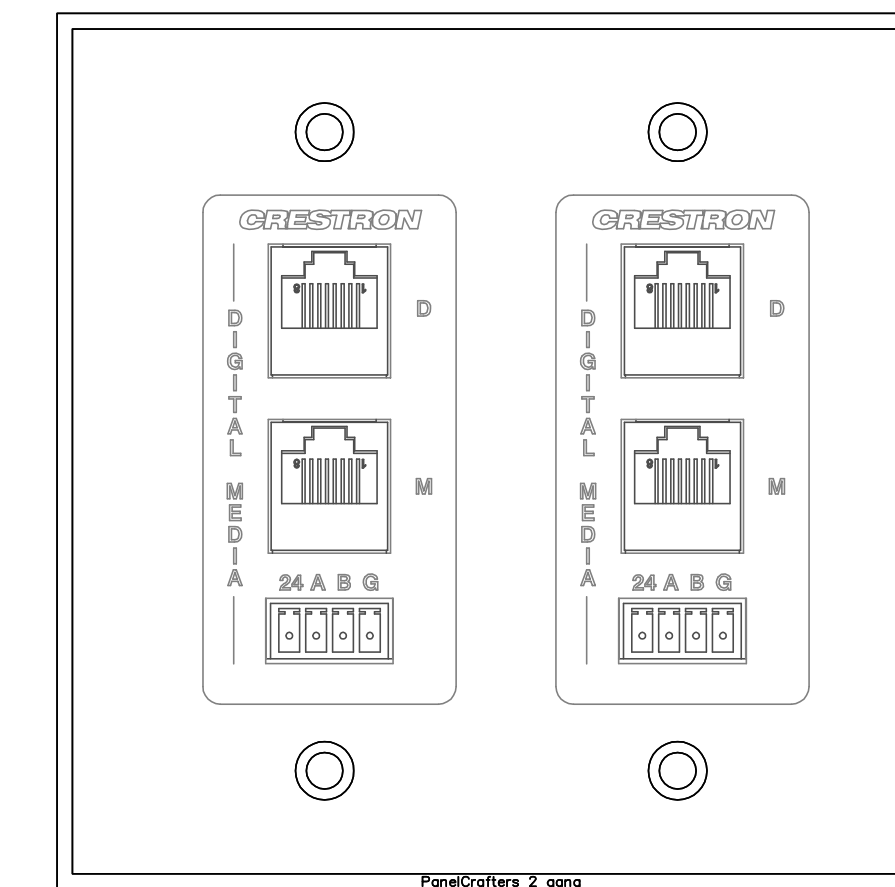
DO NOT EXHAUST THE TAB BLOCK			
Plate Name:	FB1 LECTERN		
Plate Finish:	Plt Color:	Qty:	
Black Anodized	White	9	
Part #:	QDF File Name:		
Custom 9	T523 Detail 9		



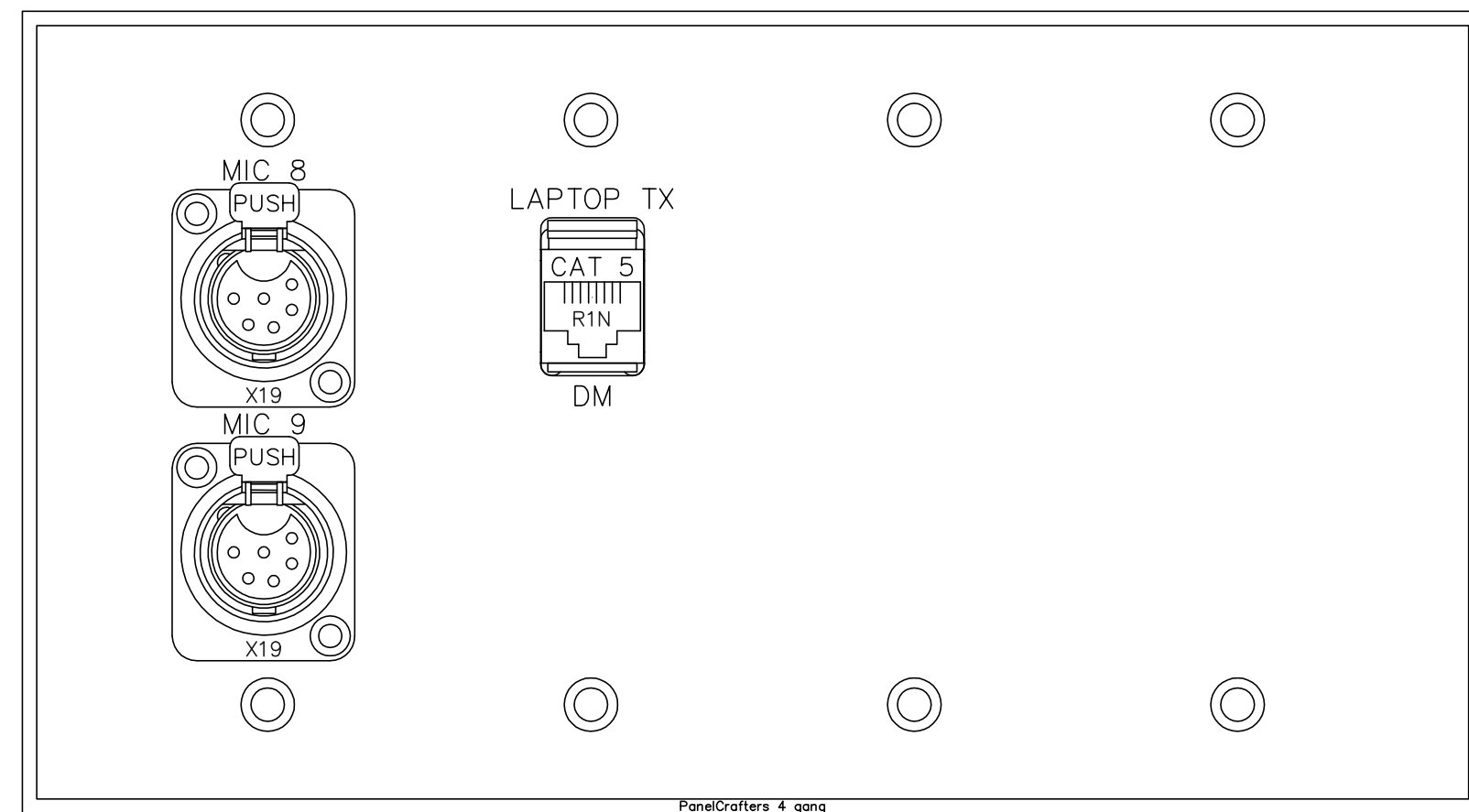
DO NOT EXHAUST THE TAB BLOCK			
Plate Name:	FB2 CONSUL		
Plate Finish:	Plt Color:	Qty:	
Black Anodized	White	9	
Part #:	QDF File Name:		
Custom 10	T523 Detail 10		



DO NOT EXHAUST THE TAB BLOCK			
Plate Name:	ROOMS 164, 264, & 364 FB01		
Plate Finish:	Plt Color:	Qty:	
Black	White	1	
Part #:	QDF File Name:		
Custom 5	T52 Detail 11		

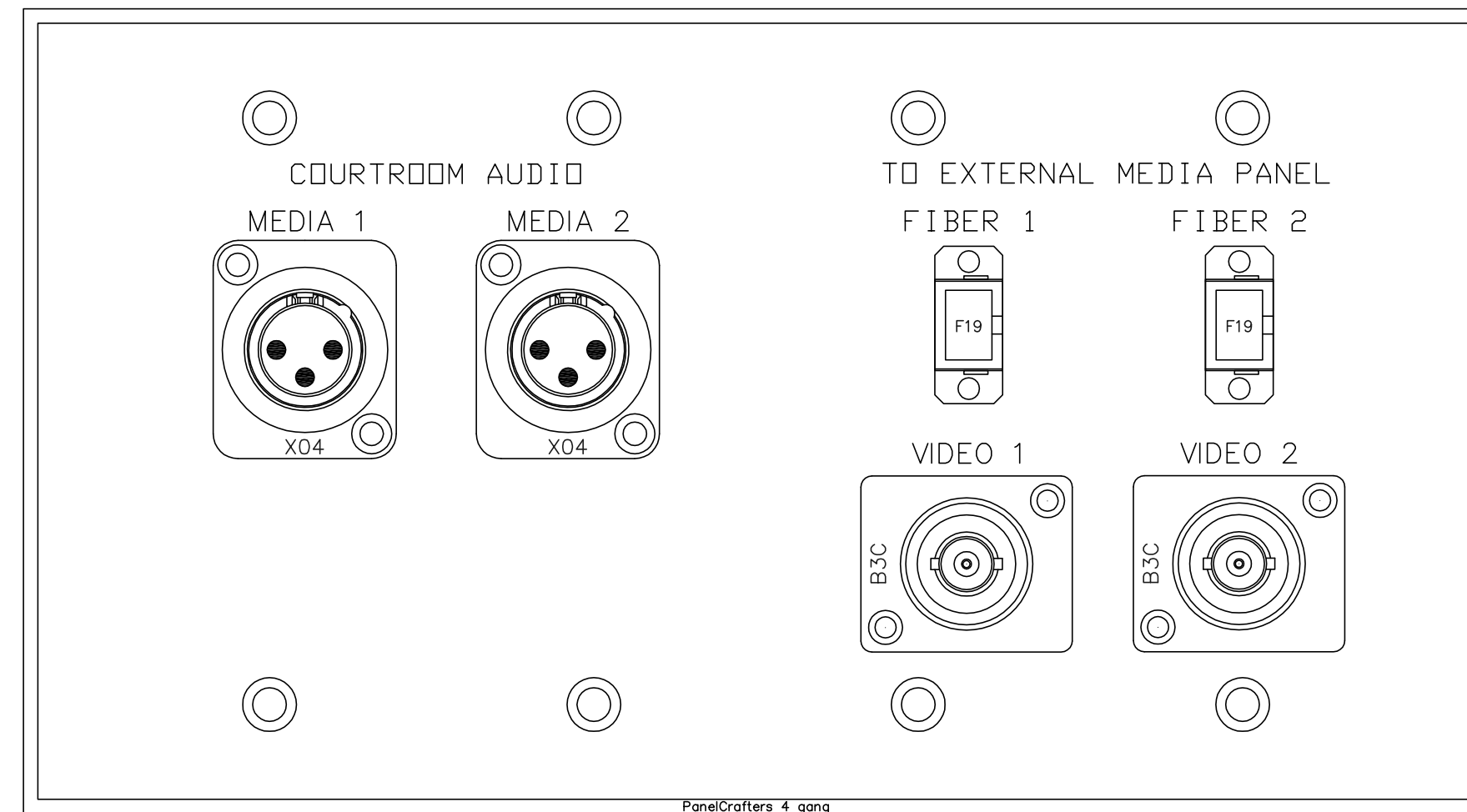


DO NOT EXHAUST THE TAB BLOCK			
Plate Name:	FB2 CONSUL		
Plate Finish:	Plt Color:	Qty:	
Black Anodized	White	9	
Part #:	QDF File Name:		
Custom 11	T523 Detail 12		

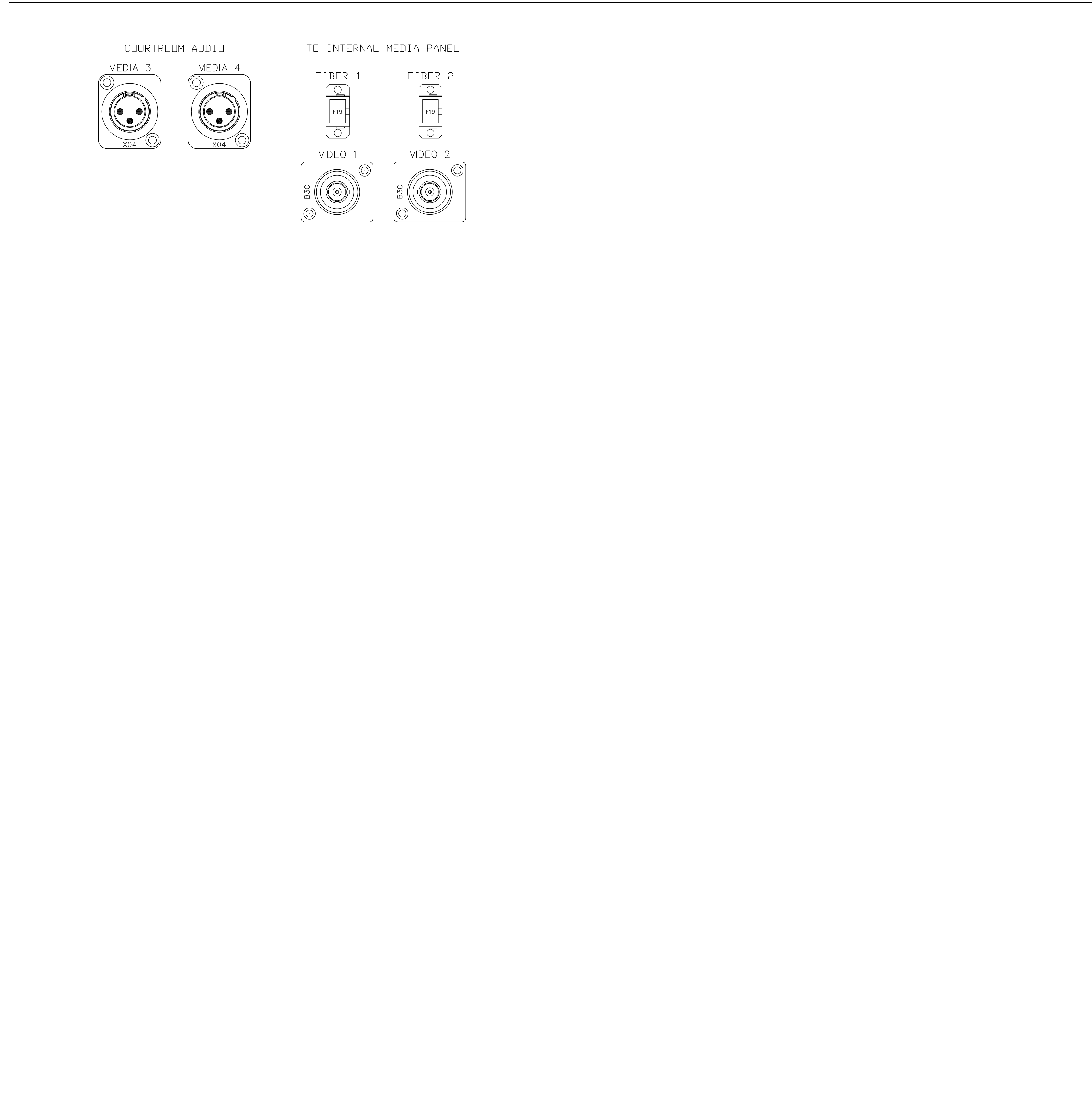


NOTE: ALL RJ45 LABELED DM, D, M, OR DMx, ARE TO BE SHIELDED CONNECTOR

DO NOT EXCHANGE THE TAG BLOCK		
Plate Name:	PLATE 6 INTERNAL MEDIA	
Plate Finish:	Plt. Color:	Qty:
BLACK	WHITE	9
Part #:	DXF File Name:	
CUSTOM 3	T523 DETAIL 3	



DO NOT EXCHANGE THE TAG BLOCK		
Plate Name:	EXTERIOR MEDIA PLATE	
Plate Finish:	Plt. Color:	Qty:
Black Anodized	White	1
Part #:	DXF File Name:	
CUSTOM 7	T523 DETAIL 7	



COURTROOM D15

44	CUSTOM LOGG	173R1LOG01
43	QSC CX204V	173R1AMP01
42		
41		
40		
39		
38		
37		
36		
35	173R1RTX01 LISTEN	173R1RTX02 LISTEN LT-B2
34	173R1RTX03 LISTEN	
33	173R1RTX01 LISTEN	173R1RTX02 LISTEN LT-B2
32	SHURE UXS54	
31	CRESTRON PRO2	173R1CTLSYS01
30		
29	FURMAN PS-8R-II	173R1SEQ01
28		
27		
26		
25		
24	CRESTRON CEN-SWPDE	173R1NETSW01
23		
22		
21		
20		
19		
18		
17		
16		
15		
14	CRESTRON DM-MD8X8	173R1DMSW01
13		
12		
11		
10	BIAMP AudioF lexCM	173R1DSP01
9		
8	BIAMP AudioF lexCM	173R1DSP02
7		
6	BIAMP LOGIC-BOX	173R1LOGIC01
5		
4		
3		
2		
1		

MAP MRK4426 173RACK01

COURTROOM D16

44	CUSTOM LOGG	173R2LOG01
43	QSC CX204V	173R2AMP01
42		
41		
40		
39		
38		
37		
36		
35	173R2RTX01 LISTEN	173R2RTX02 LISTEN
34	173R2RTX03 LISTEN	173R2RTX04 LISTEN
33	173R2RTX01 LISTEN	173R2RTX02 LISTEN LT-B2
32	SHURE UXS54	
31	CRESTRON PRO2	173R2CTLSYS01
30		
29	FURMAN PS-8R-II	173R2SEQ01
28		
27		
26		
25		
24	CRESTRON CEN-SWPDE	173R2NETSW01
23		
22		
21		
20		
19		
18		
17		
16		
15		
14	CRESTRON DM-MD8X8	173R2DMSW01
13		
12		
11		
10	BIAMP AudioF lexCM	173R2DSP01
9		
8	BIAMP AudioF lexCM	173R2DSP02
7		
6	BIAMP LOGIC-BOX	173R2LOGIC01
5		
4		
3		
2		
1		

MAP MRK4426 173RACK02

COURTROOM D17

44	CUSTOM LOGG	233R1LOG01
43	QSC CX204V	233R1AMP01
42		
41		
40		
39		
38		
37		
36		
35	233R1RTX01 LISTEN	233R1RTX02 LISTEN
34	233R1RTX03 LISTEN	233R1RTX04 LISTEN
33	233R1RTX01 LISTEN	233R1RTX02 LISTEN LT-B2
32	SHURE UXS54	
31	CRESTRON PRO2	233R1CTLSYS01
30		
29	FURMAN PS-8R-II	233R1SEQ01
28		
27		
26		
25		
24	CRESTRON CEN-SWPDE	233R1NETSW01
23		
22		
21		
20		
19		
18		
17		
16		
15		
14	CST DM-MD8X8	233R1DMSW01
13		
12		
11		
10	BIAMP AudioF lexCM	233R1DSP01
9		
8	BIAMP AudioF lexCM	233R1DSP02
7		
6	BIAMP LOGIC-BOX	233R1LOGIC01
5		
4		
3		
2		
1		

MAP MRK4426 233RACK01

COURTROOM D18

44	CUSTOM LOGG	273R1LOG01
43	QSC CX204V	273R1AMP01
42		
41		
40		
39		
38		
37		
36		
35	273R1RTX01 LISTEN	273R1RTX02 LISTEN
34	273R1RTX03 LISTEN	273R1RTX04 LISTEN
33	273R1RTX01 LISTEN	273R1RTX02 LISTEN LT-B2
32	SHURE UXS54	
31	CRESTRON PRO2	273R1CTLSYS01
30		
29	FURMAN PS-8R-II	273R1SEQ01
28		
27		
26	273R1CCSR01 VAD CC-SR	273R1CCSR02 VAD CC-SR
25		
24	CRESTRON CEN-SWPDE	273R1NETSW01
23		
22		
21		
20		
19		
18		
17		
16		
15		
14	CST DM-MD16X16	273R1DMSW01
13		
12		
11		
10	BIAMP AudioF lexCM	273R1DSP01
9		
8	BIAMP AudioF lexCM	273R1DSP02
7		
6	BIAMP LOGIC-BOX	273R1LOGIC01
5		
4		
3		
2		
1		

MAP MRK4426 273RACK01

COURTROOM D19

44	CUSTOM LOGG	273R2LOG01
43	QSC CX204V	273R2AMP01
42		
41		
40		
39		
38		
37		
36		
35	273R2RTX01 LISTEN	273R2RTX02 LISTEN
34	273R2RTX03 LISTEN	273R2RTX04 LISTEN
33	273R2RTX01 LISTEN	273R2RTX02 LISTEN LT-B2
32	SHURE UXS54	
31	CRESTRON PRO2	273R2CTLSYS01
30		
29	FURMAN PS-8R-II	273R2SEQ01
28		
27		
26		
25		
24	CRESTRON CEN-SWPDE	273R2NETSW01
23		
22		
21		
20		
19		
18		
17		
16		
15		
14	CRESTRON DM-MD8X8	273R2DMSW01
13		
12		
11		
10	BIAMP AudioF lexCM	273R2DSP01
9		
8	BIAMP AudioF lexCM	273R2DSP02
7		
6	BIAMP LOGIC-BOX	273R2LOGIC01
5		
4		
3		
2		
1		

MAP MRK4426 273RACK02

COURTROOM D20

44	CUSTOM LGDD	333LOGD01
43	QSC CX204V	373R2AMP02
42		
41		
40		
39		
38		
37		
36		
35	333R1IRT01 LISTEN LT-B2	333R1IRT02 LISTEN LT-B2
34	333R1IRT03 LISTEN LT-B2	333R2IRT04 LISTEN LT-B2
33	333R1WRX01 SHURE ULXS4	
32	MID-E ATLANTIC	
31	MID-E ATLANTIC	
30	CRESTRON PRO2	333R1CTLSYS01
29		
28		
27		
26	VAD CC-SR	333R1CCSR01 VAD CC-SR
25		
24	FURMAN PS-8R-II	333R1SEQ01
23		
22	CRESTRON CEN-SWP0E	333R1NETSW01
21		
20		
19		
18		
17		
16		
15		
14	CRESTRON DM-MD16X16	333R1DMSW01
13		
12		
11		
10	BIAMP AudiaFlexCM	333R1DSP01
9		
8	BIAMP AudiaFlexCM	333R1DSP02
7		
6	BIAMP LOGIC-BOX	333R1LOGIC01
5		
4	POLYCOM HDX-8000	333R1CDX01
3		
2		
1	BURST ADA-4B	

MAP MRK4426 333RACK01

COURTROOM D21

44	CUSTOM LGDD	333LOGD02
43	QSC CX204V	333R2AMP01
42		
41		
40		
39		
38		
37		
36		
35	333R2IRT01 LISTEN LT-B2	333R2IRT02 LISTEN LT-B2
34	333R2IRT03 LISTEN LT-B2	333R2IRT04 LISTEN LT-B2
33	333R2WRX01 SHURE ULXS4	JURY DELIBRATION ROOM 343
32	MID-E ATLANTIC	
31	MID-E ATLANTIC	
30	CRESTRON PRO2	333R2CTLSYS01
29		
28		
27		
26		
25		
24	FURMAN PS-8R-II	333R2SEQ01
23		
22		
21		
20		
19		
18		
17		
16		
15		
14	CRESTRON DM-MD8X8	333R2DMSW01
13		
12		
11		
10	BIAMP AudiaFlexCM	333R2DSP01
9		
8	BIAMP AudiaFlexCM	333R2DSP02
7		
6	BIAMP LOGIC-BOX	333R2LOGIC01
5		
4		
3		
2		
1		

MAP MRK4426 333RACK02

COURTROOM D22

44	CUS LGDD	373R1LOGD01
43	QSC CX204V	373R1AMP01
42		
41		
40		
39		
38		
37		
36		
35	373R1IRT01 LISTEN LT-B2	373R1IRT02 LISTEN LT-B2
34	373R1IRT03 LISTEN LT-B2	
33	373R1WRX01 SHURE ULXS4	
32	MID-E ATLANTIC	
31	MID-E ATLANTIC	
30	CRESTRON PRO2	373R1CTLSYS01
29		
28		
27		
26		
25		
24	FURMAN PS-8R-II	373R1SEQ01
23		
22	CRESTRON CEN-SWP0E	373R1NETSW01
21		
20		
19		
18		
17		
16		
15		
14	CRESTRON DM-MD8X8	373R1DMSW01
13		
12		
11	BAM AudiaFlexCM	373R1DSP01
10		
9	BIAMP AudiaFlexCM	
8	BIAMP AudiaFlexCM	373R1DSP02
7		
6	BIAMP LOGIC-BOX	373R1LOGIC01
5		
4		
3		
2		
1		

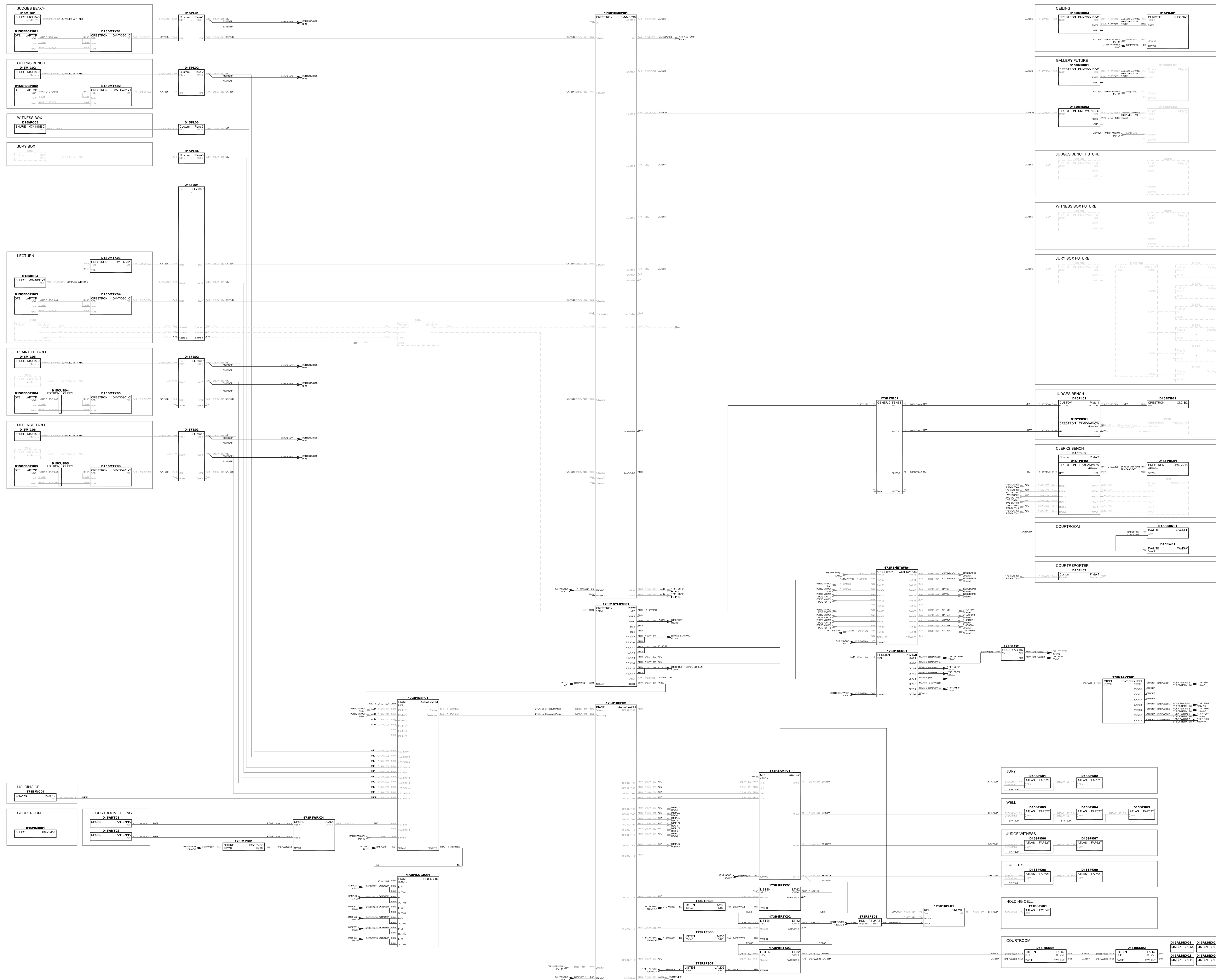
MAP MRK4426 373RACK01

COURTROOM D23

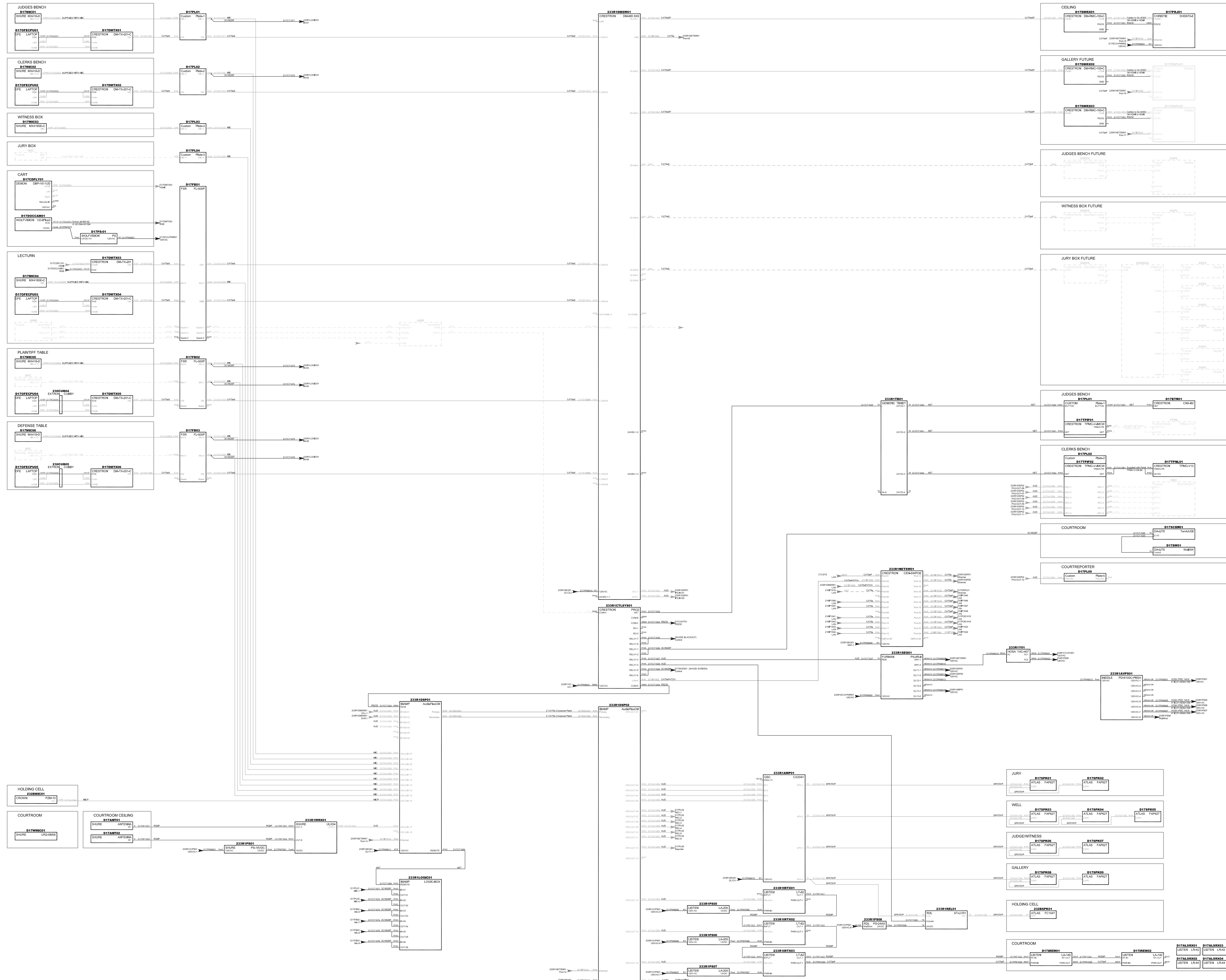
44	CUS LGDD	373R2LOGD01
43	QSC CX204V	373R2AMP01
42		
41		
40		
39		
38		
37		
36		
35	373R2IRT01 LISTEN LT-B2	373R2IRT02 LISTEN LT-B2
34	373R2IRT03 LISTEN LT-B2	373R2IRT04 LISTEN LT-B2
33	373R2WRX01 SHURE ULXS4	JURY DELIBRATION ROOM 383
32	MID-E ATLANTIC	
31	MID-E ATLANTIC	
30	CRESTRON PRO2	373R2CTLSYS01
29		
28		
27		
26	VAD CC-SR	373R2CCSR01 VAD CC-SR
25		
24	FURMAN PS-8R-II	373R2SEQ01
23		
22		
21		
20		
19		
18		
17		
16		
15		
14	CST DM-MD16X16	373R2DMSW01
13		
12		
11	BIAMP AudiaFlexCM	373R2DSP01
10		
9	BIAMP AudiaFlexCM	373R2DSP02
8		
7	BIAMP AudiaFlexCM	
6	BIAMP LOGIC-BOX	373R2LOGIC01
5		
4		
3		
2		
1		

MAP MRK4426 373RACK02

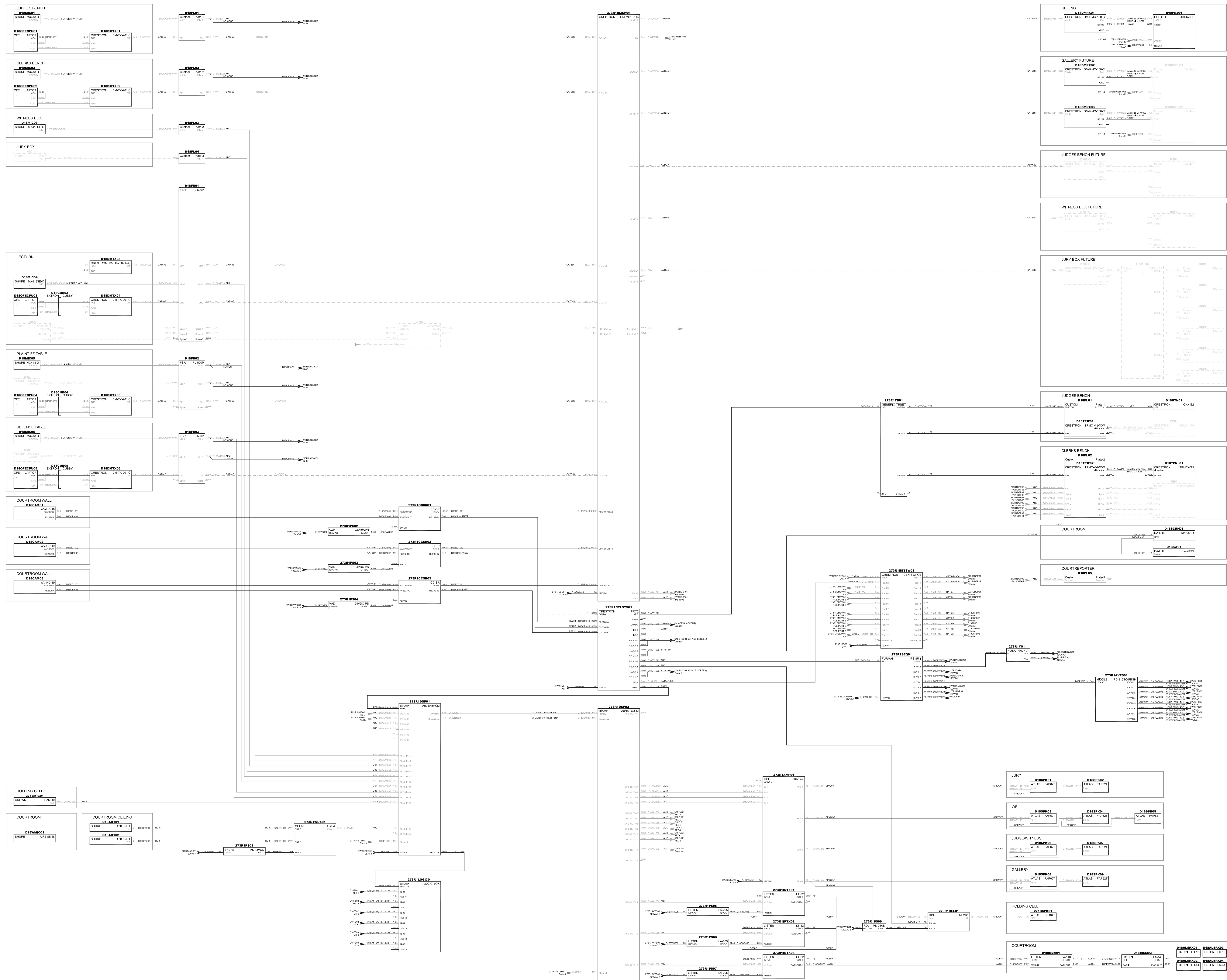
COURTROOM D20-D23 RACKS



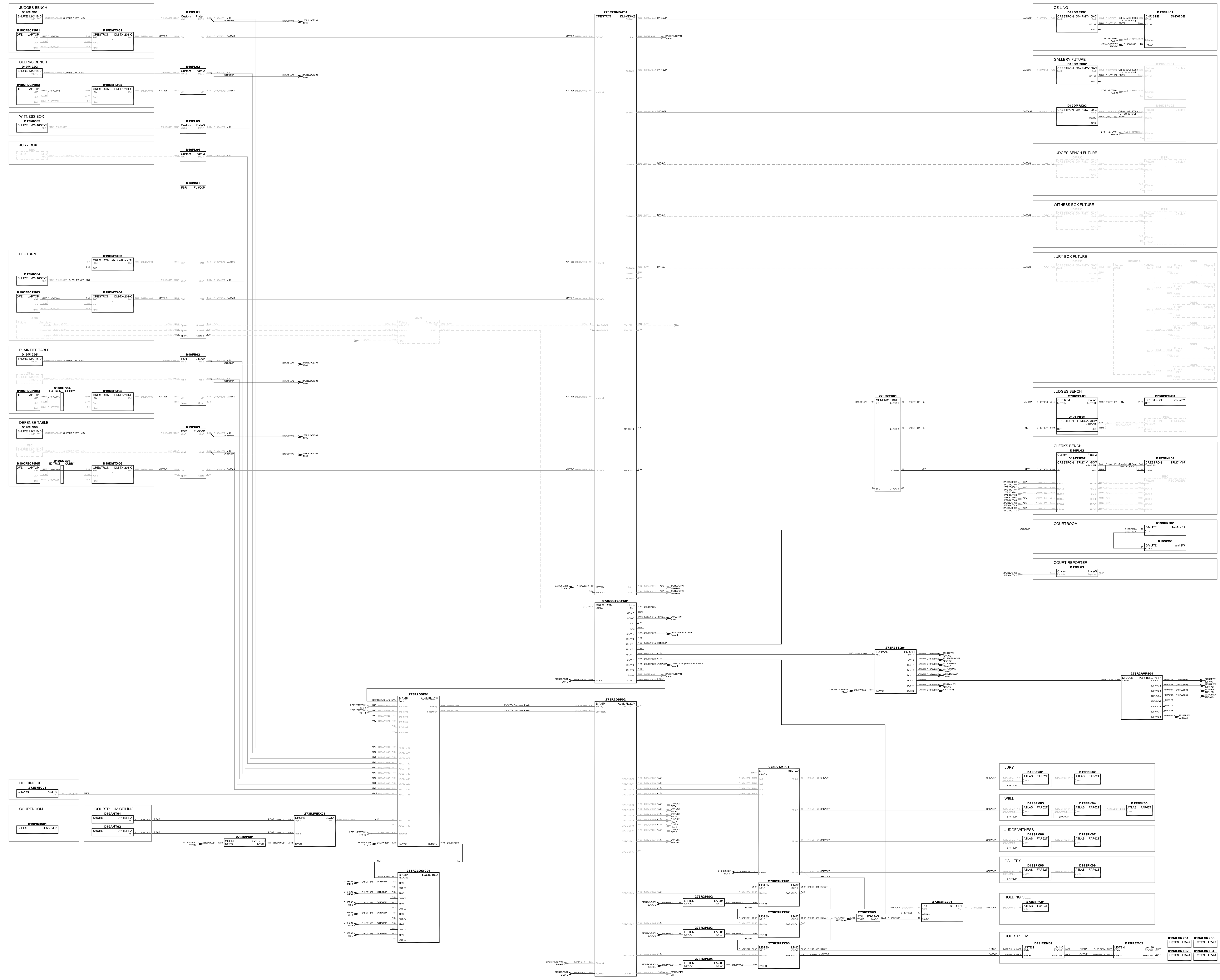
COURTROOM D15 FUNCTIONAL



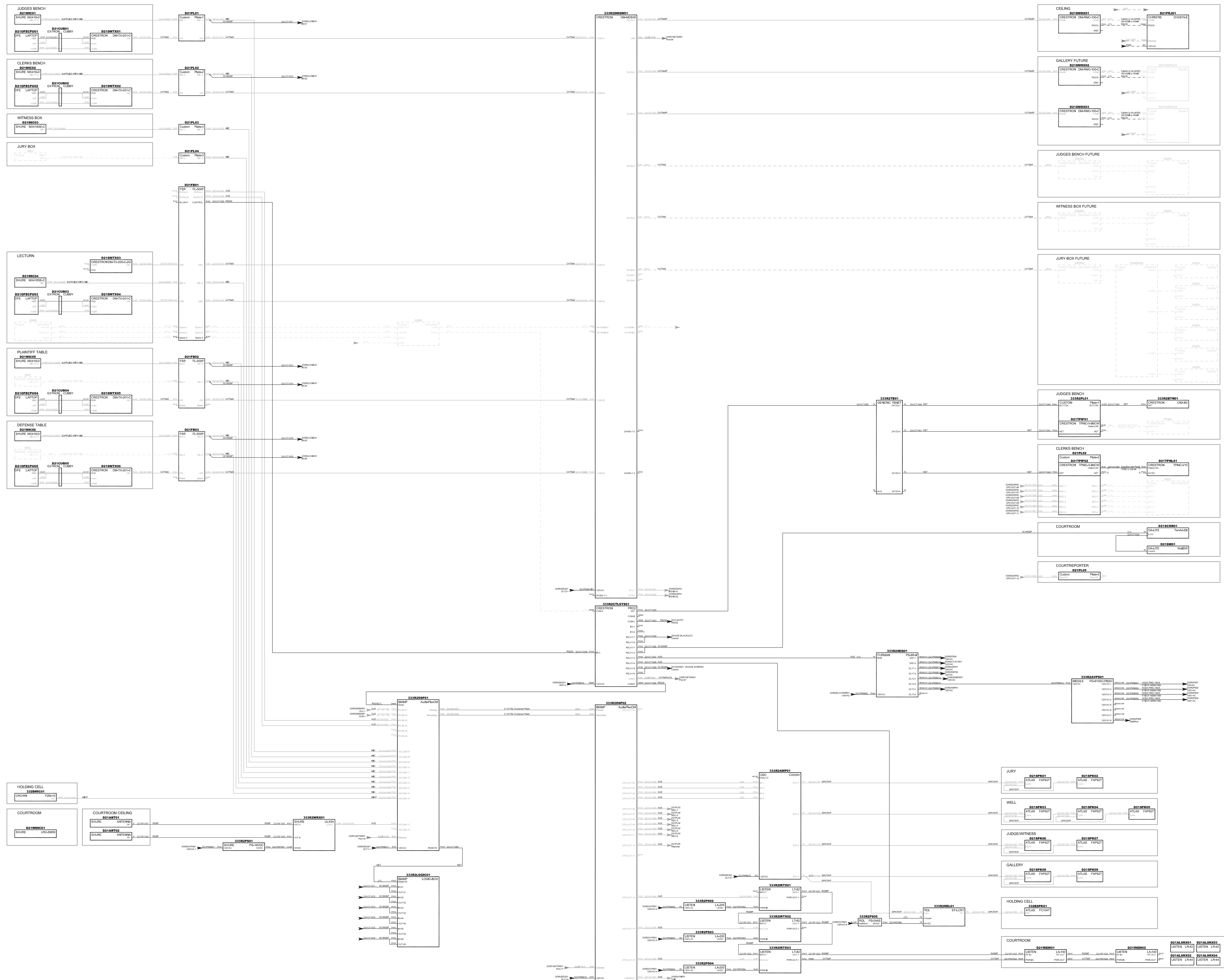
COURTROOM D17 FUNCTIONAL



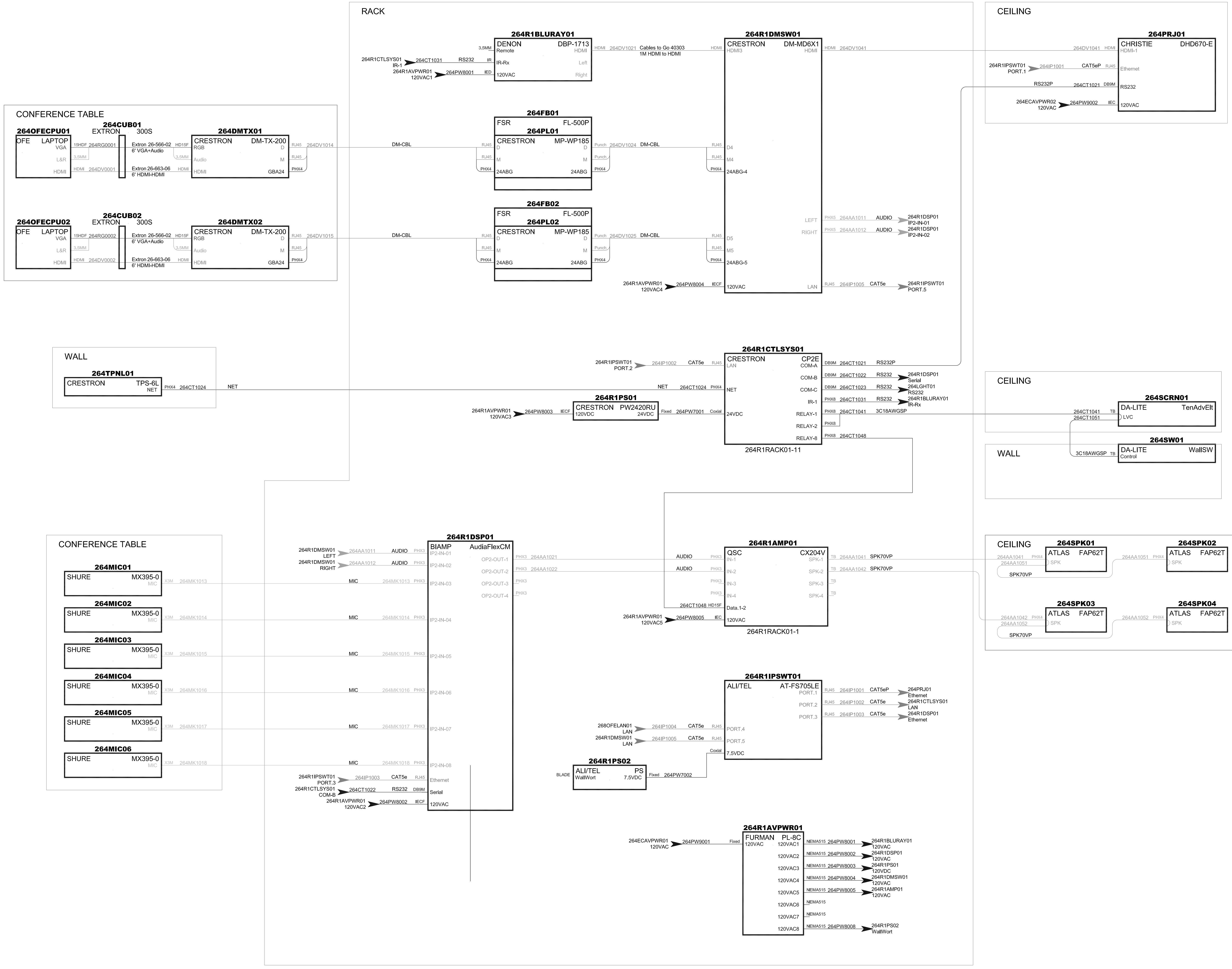
COURTROOM D18 FUNCTIONAL



COURTROOM D19 FUNCTIONAL



COURTROOM D21 FUNCTIONAL



CONFERENCE ROOM 264 FUNCTIONAL DIAGRAM

18	CUS LDGD	164R1LOG001
17	FURMAN PL-8C	164R1AVPWR01
16		
15		
14	DENON DBT-1713UDP	164R1BLURAY01
13		
12		
11	CRESTRON DM-MD6X1	164R1DMSW01
10		
9	CRESTRON CP2E	164R1CTLSYS01
8		
7	BIAMP AudioSOLQ-8x4	164R1DSP01
6		
5	MAP 164R1PS01 CST PR2420RU	AEL AT-FS705LE_164R1PSWT01
4		
3		
2		
1	QSC CX204V	164R1AMPO1

MAP
SRSR-2-18
164RACK01

18	CUS LDGD	264R1LOG001
17	FURMAN PL-8C	264R1AVPWR01
16		
15		
14	DENON DBT-1713UDP	264R1BLURAY01
13		
12		
11	CRESTRON DM-MD6X1	264R1DMSW01
10		
9	CRESTRON CP2E	264R1CTLSYS01
8		
7	BIAMP AudioSOLQ-8x4	264R1DSP01
6		
5	MAP 264R1PS01 CST PR2420RU	AEL AT-FS705LE_264R1PSWT01
4		
3		
2		
1	QSC CX204V	264R1AMPO1

MAP
SRSR-2-18
264R1RACK01

18	CUS LDGD	364R1LOG001
17	FURMAN PL-8C	364R1AVPWR01
16		
15		
14	DENON DBT-1713UDP	364R1BLURAY01
13		
12		
11	CRESTRON DM-MD6X1	364R1DMSW01
10		
9	CRESTRON CP2E	364R1CTLSYS01
8		
7	BIAMP AudioSOLQ-8x4	364R1DSP01
6		
5	MAP 364R1PS01 CST PR2420RU	AEL AT-FS705LE_364R1PSWT01
4		
3		
2		
1	QSC CX204V	364R1AMPO1

MAP
SRSR-2-18
364R1RACK01