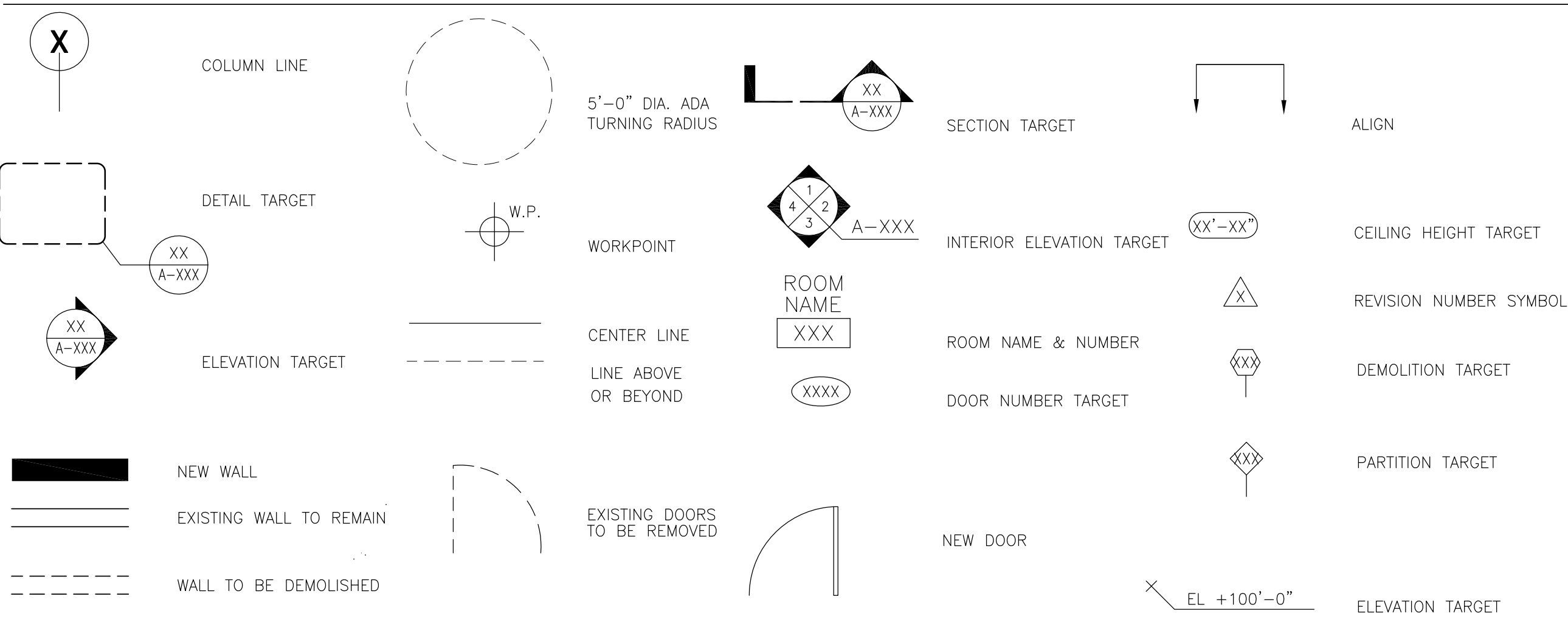


UNIVERSITY OF ILLINOIS AT CHICAGO
COLLEGE OF MEDICINE AT PEORIA
INTERIOR RENOVATIONS

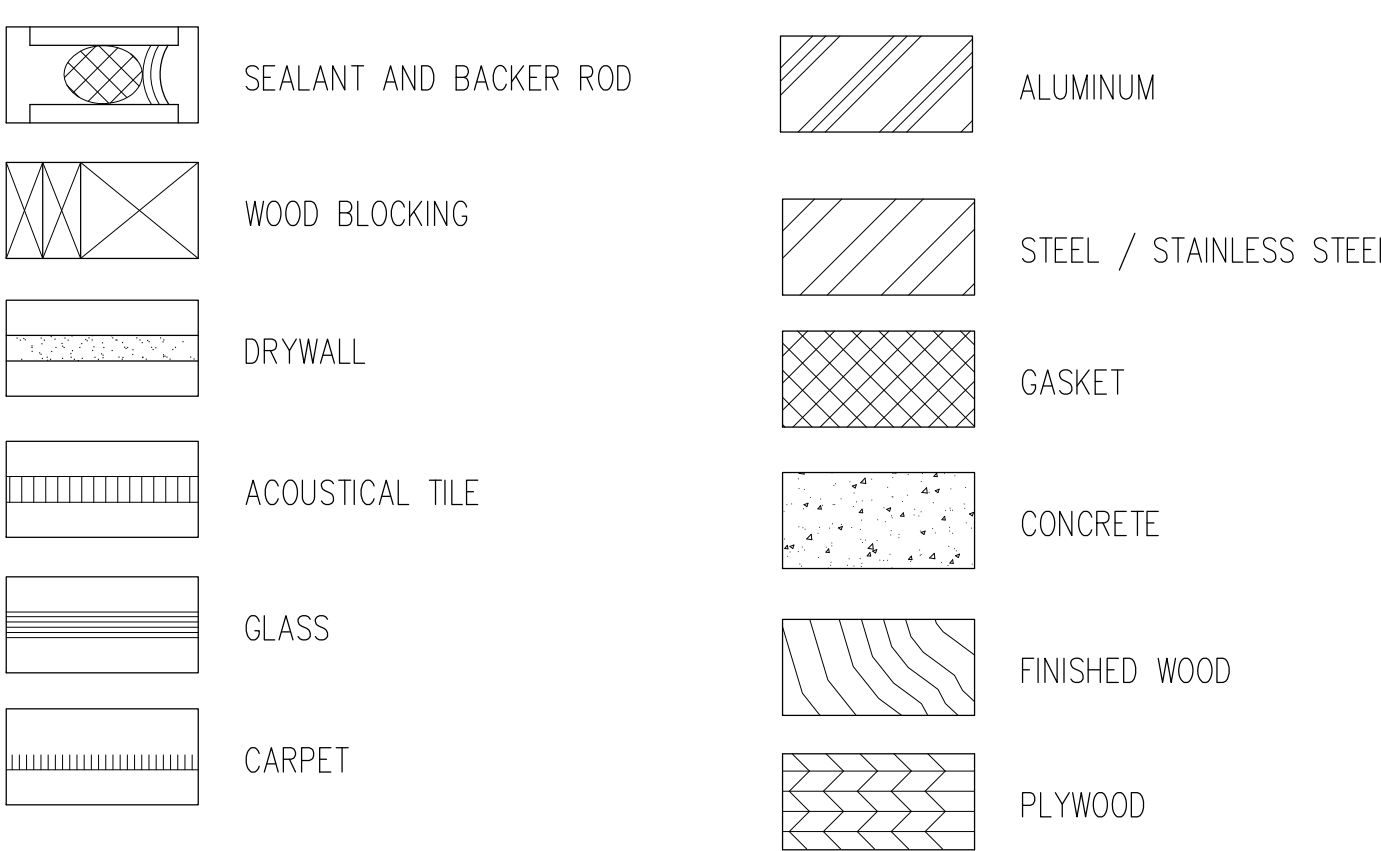
ABBREVIATIONS

ACT	Acoustical Ceiling Tile	EA	Each	NC	Noise Criteria	SECT	Section
ADJ	Adjacent Finish	EC	Electrical Contractor	NIC	Not in Contract		
ADU	Adjacent Finish	ECP	Exposed Construction Painted	NO	Number		
AF	Above Finished Floor	EFTS	Expanding Foam Tape Sealant	NOW	Nominal	SHT	Sheet
ALS	Acrylic Latex Sealant	EJ	Expansion Joint	NTS	Not To Scale	SIM	Similar
ALUM	Aluminum	EPEJF	Expanded Polyethylene Joint Filler			SPEC	Specification
AND	And/or	FD	Floor Drain	OA	Overall		
AP	Access Panel	FEC	Fire Extinguisher Cabinet	OC	On Center		
APR	Approximately	OD	Outside Diameter	OFD	Overflow Drain	SO	Square
ARCH	Architectural	GALV	Galvanized	OPNG	Opening	SS	Stainless Steel
AS	Acoustic Sealant	GC	General Contractor	OPP	Opposite	SRS	Silicone Rubber Sealant
ATB	Acoustic Tile	GR	Grip	OS	Opposite Side	SSS	Silicone Sanitary Sealant
		GMU	Glazed Masonry Unit	OH	Opposite Hand	ST	Sealant Tape
		GRND	Ground			STD	Steel
BD	Board	CYP. BD.	Gypsum Board			STN	Stained
B/E	Bottom Of	GB	Gypsum Board			STRUC	Structural
BJF	Bituminous Joint Filler	HDW	Hardware			T	Tread
BLK	Block (Wood Blocking)	HNC	Hollow Neoprene Compression			T/	Top Of
BMT	Butylmastic Tape Sealant	HORIZ	Horizontal			TEL	Telephone
BRK	Brick	HM	Hollow Metal			TERR	Terrazzo
BRS	Butyl Rubber Sealant	HP	High Point			THK	Thick
C/C	Center to Center	HR	Hours				
CJ	Control Joint	ID	Inside Diameter				
CL	Center Line	INT	Interior				
CLO	Closet	INCH	Inch				
CLOG	Ceiling	INFO	Information				
CLR	Clear Opening	INSUL	Insulation				
COL	Column	INT	Interior				
CONC	Concrete	JC	Janitors Closet				
CONCP	Concrete Painted	LAM	Laminated				
CONSTR	Construction	LAV	Lavatory				
CONTR	Contractor	LB	Label				
CONT	Continuous	LP	Low Point				
CORR	Corridor						
CPT	Carpet (Wall to Wall)						
CMU	Concrete Masonry Unit						
CMUP	Concrete Masonry Units Painted						
CO	Clean Out						
CT	Ceramic Tile						
DF	Diameter						
DIA	Dimension						
DN	Down						
DTL	Detail						
DWG	Drawing						
DWY	Dry Wall						
DWP	Dry Wall Painted						

SYMBOLS



MATERIAL SYMBOLS



ROOM FINISH SCHEDULE- BASE SCOPE									
Room #	Room Name	Floor	Materials	Material	Finish	Base	Ceiling	Material	Finish
200A	CLASSROOM	FL-2	WF-1/2/3	VARIABLES	VB-1	CL-1	CL-1	-	SEE INTERIOR ELEVATIONS
200B	SEMINAR ROOM	AS IS	-	-	-	-	-	-	INTERIOR FINISHES PRICED AS ALTERNATE
200C	SEMINAR ROOM	AS IS	-	-	-	-	-	-	INTERIOR FINISHES PRICED AS ALTERNATE
200E	STORAGE	FL-2	WF-1	PT-1	VB-1	CL-1	CL-1	-	
200	CORRIDOR OUTSIDE 200A	FL-3	WF-1	PT-1	VB-1	CL-1	CL-1	-	
208	CLINIC	FL-2	WF-1	PT-1	VB-1	CL-1	CL-1	-	
208D	TOILET ROOM	FL-4	WF-1	PT-1	VB-2	CL-1	CL-1	-	SEE INTERIOR ELEVATIONS
209	SP LOUNGE/CONFERENCE	AS IS	-	-	-	-	-	-	INTERIOR FINISHES PRICED AS ALTERNATE
B200A	CORRIDOR	FL-4	WF-1	PT-1	VB	CL-1	CL-1	-	SEE RCP FOR EXTEND OF NEW CEILING
B216	SEMINAR ROOM	AS IS	-	-	-	-	-	-	INTERIOR FINISHES PRICED AS ALTERNATE
B219	STORAGE	FL-4	WF-1	PT-1	VB-2	CL-2	CL-2	PT-1	
B221	ANATOMY/AGE AREA	FL-4	WF-1/2	PT-1	VB-2	CL-2	CL-2	PT-1	SEE INTERIOR ELEVATIONS
B222A	MEN'S LOCKER ROOM	FL-4	WF-1	PT-1	VB-2	CL-1	CL-1	-	SEE INTERIOR ELEVATIONS
B222B	WOMEN'S LOCKER ROOM	FL-4	WF-1	PT-1	VB-2	CL-1	CL-1	-	SEE INTERIOR ELEVATIONS
B222C	AVIT CLOSET	BEACED CONCRETE	WF-1	-	-	-	-	-	
B223A	ANATOMY LAB	FL-1	WF-1/2	PT-1	RB	CL-2	CL-2	PT-1	SEE INTERIOR ELEVATIONS
ROOM FINISH SCHEDULE- ALTERNATES									
200B	SEMINAR ROOM	FL-2	WF-1/2	PT-1	VB	CL-1	CL-1	-	ALTERNATE 1
200C	SEMINAR ROOM	FL-2	WF-1/2	PT-1	VB	CL-1	CL-1	-	ALTERNATE 1
209	SP LOUNGE/CONFERENCE	FL-2	WF-1/2	PT-1	VB	CL-1	CL-1	-	ALTERNATE 2
B216	SEMINAR ROOM	FL-2	WF-1/2	PT-1	VB	CL-1	CL-1	-	ALTERNATE 3

GENERAL NOTES

1. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED FOR THE WORK.
2. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT BEFORE BEGINNING WORK.
3. NOTES AND REFERENCES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND CONSTRUCTION MATERIALS. ALL SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE APPLICABLE TO RELATED DRAWINGS AND DETAILS.
4. IN THE EVENT THAT THERE IS A DISCREPANCY BETWEEN THE GENERAL NOTES, DRAWINGS, AND/OR EXISTING SITE CONDITIONS THE CONTRACTOR SHALL NOTIFY THE ARCHITECT TO RESOLVE THE DISCREPANCY.
5. ANY DETAILS, SYSTEMS, MATERIALS, ETC. WHICH ARE PROPOSED TO BE CHANGED MUST BE REVIEWED AND FOUND ACCEPTABLE BY THE ARCHITECT.
6. PROVIDE CONTROL JOINTS IN THE GYPSUM BOARD CONSTRUCTION A MAXIMUM OF EVERY 30'-0" O.C. OR AS SHOWN ON DRAWINGS. COORDINATE FINAL LOCATIONS WITH ARCHITECT.
7. CONTRACTOR SHALL COORDINATE PLACEMENT OF ALL CEILING ELEMENTS WITH MECHANICAL, ELECTRICAL WORK AND THE CEILING INSTALLER. WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS AND INSTALLATION REVIEW WITH ARCHITECT.
8. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO PREVENT MOLECULAR BREAKDOWN.
9. PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED. ALL ACCESS PANELS SHALL BE CONCEALED AND LOCATIONS SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION. SHOP DRAWINGS SHALL BE SUBMITTED LOCATING ALL ACCESS PANELS. DIMENSIONS SHALL GOVERN. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS.
11. ALL DIMENSIONS SHALL BE VERIFIED ON SITE BEFORE PROCEEDING WITH THE WORK.
12. PARTITIONS ARE DIMENSIONED TO THE FINISHED FACE OF THE WALL U.N.O.
13. SEE ROOM FINISH SCHEDULES FOR APPLIED FINISHES (TILE, WALL COVERING, PAINT, ETC.).
14. THE FLAME SPREAD RATING FOR ALL MATERIALS SHALL CONFORM TO ALL APPLICABLE CODES.
15. UNLESS NOTED OTHERWISE ALL PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF THE STRUCTURAL DECK AND FRAMING SYSTEM ABOVE.
16. PROVIDE FOR VERTICAL MOVEMENT AT HEAD OF ALL GYPSUM BOARD CONSTRUCTION. IN GYP. BOARD CONNECTIONS CONNECT THE HEAD RUNNER CHANNEL TO UNDERSIDE OF STRUCTURE. CUT STUDS TO ALLOW FOR VERTICAL MOVEMENT AND DO NOT FASTEN TO RUNNER CHANNEL. FASTEN GYP. BOARD TO STUDS ONLY.
17. PROVIDE LATERAL STEEL BRACING TO STRUCTURE ABOVE FINISHED CEILING FOR PARTITIONS EXCEEDING UNSUPPORTED HEIGHTS INDICATED ON DRAWINGS.
18. PATCH EXISTING WALLS WHERE DUCTS, PIPES, CONDUIT, ETC. ARE TO BE DEMOLISHED. MATCH EXISTING ADJACENT CONSTRUCTION.
19. GC TO PROVIDE COMPLEMENTARY FINAL CLEANING.
20. ALL GB WALLS SHOULD USE IMPACT RESISTANT DRYWALL UP TO 4 FT AND USE CORNER GUARDS ON ALL OUTSIDE CORNERS.
21. CONSTRUCTION, REPAIR, AND IMPROVEMENT OPERATIONS SHALL COMPLY WITH THE FOLLOWING:
 - A. BUILDINGS OR PORTIONS OF BUILDINGS SHALL BE PERMITTED TO BE OCCUPIED DURING CONSTRUCTION, REPAIR, ALTERATIONS, OR ADDITIONS ONLY WHERE REQUIRED MEANS OF EGRESS AND REQUIRED FIRE PROTECTION FEATURES ARE IN PLACE AND CONTINUOUSLY MAINTAINED FOR THE PORTION OCCUPIED OR WHERE ALTERNATE LIFE SAFETY MEASURES ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION ARE IN PLACE.
 - B. IN BUILDINGS UNDER CONSTRUCTION, ADEQUATE ESCAPE FACILITIES SHALL BE MAINTAINED AT ALL TIMES FOR THE USE OF CONSTRUCTION WORKERS. ESCAPE FACILITIES SHALL CONSIST OF DOORS, WALKWAYS, STAIRS, RAMPS, FIRE ESCAPES, LADDERS, OR OTHER APPROVED MEANS OR DEVICES ARRANGED IN ACCORDANCE WITH THE GENERAL PRINCIPLES OF THE CODE INsofar AS THEY CAN REASONABLY BE APPLIED TO BUILDINGS UNDER CONSTRUCTION.
 - C. FLAMMABLE OR EXPLOSIVE SUBSTANCES OR EQUIPMENT FOR REPAIRS OR ALTERATIONS SHALL BE PERMITTED IN A BUILDING WHILE THE BUILDING IS OCCUPIED IF THE CONDITION OF USE AND SAFEGUARDS PROVIDED DO NOT CREATE ANY ADDITIONAL DANGER OR IMPEDIMENT TO EGRESS BEYOND THE NORMALLY PERMISSIBLE CONDITIONS IN THE BUILDING.
 - D. WHERE A REQUIRED FIRE ALARM SYSTEM IS OUT OF SERVICE FOR MORE THAN 4 HOURS IN A 24-HOUR PERIOD, THE AUTHORITY HAVING JURISDICTION SHALL BE NOTIFIED, AND THE BUILDING SHALL BE EVACUATED OR AN APPROVED FIRE WATCH SHALL BE PROVIDED FOR ALL PARTIES LEFT UNPROTECTED BY THE SHUTDOWN UNTIL THE FIRE ALARM SYSTEM HAS BEEN RETURNED TO SERVICE.
 - E. WHERE A REQUIRED AUTOMATIC SPRINKLER SYSTEM IS OUT OF SERVICE FOR MORE THAN 10 HOURS IN A 24-HOUR PERIOD, THE AUTHORITY HAVING JURISDICTION SHALL BE NOTIFIED, AND THE BUILDING SHALL BE EVACUATED OR AN APPROVED FIRE WATCH SHALL BE PROVIDED FOR ALL PARTIES LEFT UNPROTECTED BY THE SHUTDOWN UNTIL THE SPRINKLER SYSTEM HAS BEEN RETURNED TO SERVICE.
 - F. SPRINKLER IMPAIRMENT PROCEDURES SHALL COMPLY WITH NFPA 25 - STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS.
22. FIRE PROTECTION SPECIALTIES
FIRE EXTINGUISHERS, CABINETS, AND FIRE EXTINGUISHER LOCATION SIGNS SHALL BE SUPPLIED THROUGH THE PROJECT. FIRE EXTINGUISHERS SHALL BE LOCATED SO THAT TRAVEL DISTANCE IS NO MORE THAN 75 FEET WITH NORMAL HAZARD AND 50 FEET WITH HIGH HAZARD CONDITIONS. FIRE EXTINGUISHER SHALL BE 10 POUND ABC DRY CHEMICAL AND HAVE A U.L. RATING OF 4A-BBC. CABINET SIZED TO HOLD TYPE OF FIRE EXTINGUISHER. RECOMMENDED RECESSED INTO WALL. FIRE EXTINGUISHER SIGN SHOULD BE A PROJECTING WALL TYPE INSTALLED ABOVE THE CABINET.

DOOR NOTES

1. METAL DOORS AND FRAMES TO COMPLY WITH UIC BUILDING STANDARDS. ALL DOOR FRAMES ARE TO BE WELDED.
2. 16 GAUGE STEEL, FULL WELDED UNIT CONSTRUCTION WITH CORNER MITERED, REINFORCED, CONTINUOUSLY WELDED FULL DEPTH AND WIDTH OF FRAME (WIDER THAN 4'-0", 14 GAUGE STEEL).
3. ALL WELDS ARE TO BE GRIND SMOOTH; FRAME IS TO BE PRIME PAINTED (GRAY) ON ALL SURFACES FOR RUST RESISTANCE.
4. ANCHORS ARE TO CORRESPOND WITH WALL TYPE; FRAMES 1'-0" TO 3'-0" ARE TO HAVE 2 ANCHORING POINTS (TOP AND BOTTOM); FRAMES 3'-0" TO 7'-0" ARE TO HAVE 3 ANCHORING POINTS (BOTTOM, MIDDLE AND TOP) ON BOTH DOOR JAMBS. ALL FRAMES TALLER THAN 7'-2" TO BE CUSTOM DESIGN BY A/E WITH APPROVAL FROM FM. NO REVEAL IN BASEMENT AND MECHANICAL AREAS. ALL FRAMES IN MASONRY WALLS TO FIT MODULAR OPENINGS.
5. ALL ANCHORS TO BE 14 GAUGE; BOTTOM FLOOR ANCHORS TO BE ATTACHED BY MASONRY SCREWS.
6. DOOR HARDWARE: KICKPLATE REQUIRED ON ALL DOORS. GAUGE STAINLESS STEEL KICKPLATE, 14" X DOOR WIDTH (LESS 1").
7. ALL KEYING OF DOORS IS TO ALLOW FREE PASSAGE IN THE DIRECTION OF EGRESS.
8. REFER TO EGRESS PLANS AND PARTITION DESIGNATIONS ON FLOOR PLANS FOR WALL RATINGS AND CONSTRUCTION.
9. ALL HARDWARE SETS THAT INCORPORATE MAGNETIC HOLD OPEN, ELECTROMECHANICAL, CLOSER, OR OTHER SUCH DEVICES SHALL INTERFACE WITH FIRE ALARM SYSTEM IN A FIRE SAFE MANNER.
10. ALL FIRE RESISTIVE PARTITIONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH U.L. TESTING REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS FOR CONDITIONS AS REQUIRED. CONSTRUCTION OF ALL SYSTEMS SHALL EQUAL THAT OF TESTED ASSEMBLY AND SHALL RECEIVE APPROVAL OF THE LOCAL BUILDING DEPARTMENT WHERE REQUIRED.
11. ALL FIRE RATED DOORS AND THEIR ACCESSORIES TO COMPLY WITH REQUIRED FIRE RATINGS.
12. BLOCKING TO BE PROVIDED FOR ALL WALL MOUNTED HARDWARE AND SECURITY DEVICES.
13. ALL PUBLIC AND COMMON AREA INTERIOR DOORS TO HAVE 5# MAX. FORCE TO OPEN PER IAC 400.310 (J-10).
14. ALL PUBLIC AND COMMON AREA EXTERIOR DOORS WITH THE EXCEPTION OF THOSE EQUIPPED WITH AN ADA POWER OPERATOR, TO HAVE 8.5# MAX. FORCE TO OPEN PER IAC 400.310 (J-10).

MILLWORK NOTES

1. AT ALL PLASTIC LAMINATE CASEWORK/ MILLWORK, PROVIDE PLAM ON ALL VISIBLE EXPOSED SURFACES. INTERIOR SURFACES TO BE FINISHED WITH WHITE PLASTIC LAMINATE. EDGES OF INTERIOR SHELVING SHALL HAVE WHITE PVC EDGING.
2. AT ALL WOOD VENEER CASEWORK/ MILLWORK, PROVIDE WOOD VENEER ON ALL VISIBLE EXPOSED SURFACES. DOOR BACKS AND EDGES TO MATCH FINISH OF DOOR FRONT.
3. ALL SURFACES TO BE LAMINATED INCLUDING VENEERS SHALL BE LAMINATED WITH THE SAME THICKNESS OF MATERIAL ON BOTH SIDES (BACKING), WHETHER VISIBLE OR NOT. PANEL AND PLYWOOD BACKS NOT EXPOSED TO VIEW SHALL BE VENEERED WITH THE SAME.
4. PROVIDE ADEQUATE CONCEALED BLOCKING IN PARTITIONS FOR ALL CABINETS.
5. ALL WOODWORK SHALL HAVE A FINE, SMOOTH FINISH, FREE FROM MACHINE OR TOOL MARKS, ABRASIONS OR RAISED GRAIN ON EXPOSED SURFACES AND JOINTS SHALL BE TIGHT AND SO FORMED AS TO CONCEAL SHRINKAGE.
6. SCREW AND GLUE ALL JOINTS AND CONNECTIONS. NO NAILING PERMITTED.
7. CONTRACTOR TO CLEAN, POLISH, AND TOUCH-UP AS REQUIRED AFTER ALL MILLWORK AFTER THE INSTALLATION IS COMPLETE.
8. ALL MILLWORK SHALL BE PERFORMED BY SKILLED CRAFTSMEN USING THE BEST TECHNIQUES KNOWN TO THE TRADE AND IN CONFORMANCE WITH ALL TRADE STANDARDS. WOODWORK GRADE SHALL BE CUSTOM AS DEFINED BY AWI.
9. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND SHALL BE RESPONSIBLE FOR SAME. THE CONTRACTOR SHOULD ALSO INSPECT THE ALIGNMENT OF ALL GYP. BD CONSTRUCTION AND SHOULD NOTIFY ARCHITECT OF ANY CONDITIONS THAT WOULD PREVENT HIM/HER FROM COMPLETING THE WORK.

FINISH NOTES

1. ALL GYP. BD, CEILINGS, BEAMS, COLUMNS, STEEL DECK, DUCTWORK, PIPING AND CONDUIT TO BE PAINTED PT-1. PPG LOW VOC PAINT UNLESS OTHERWISE NOTED.
2. PROVIDE THE FOLLOWING PAINT FINISHES:
 - EGGSHELL - WALLS, CEILINGS, PIPING, CONDUIT, DUCTWORK, ETC.
 - SEMI-GLOSS - DOORS AND DOOR TRIM AND TOILET ROOM WALLS
3. PRIME ALL NEW AND EXISTING EXPOSED PIPING, CONDUIT, DUCTWORK, ETC. WITH COMPATIBLE PRIMER SO THAT PAINT FINISH MATCHES ADJACENT CEILING/WALL FINISH.
4. ALL GB WALLS SHOULD USE IMPACT RESISTANT DRYWALL UP TO 4' AND USE CLEAR PLASTIC CORNER GUARDS ON ALL OUTSIDE CORNERS.
5. ACOUSTICAL TILE CEILINGS
PROVIDE 2 X 2 LAY-IN SYSTEM FOR NEW INSTALLATIONS.
 - * MATCH EXISTING CEILING SYSTEM FOR REPAIRS AND RENOVATIONS.
 - * NO TILE IS TO BE LESS THAN 12" IN WIDTH OR LENGTH.
 - * PROVIDE A DROPPED SOFFIT AT TRANSITION AREAS TO MAINTAIN SYMMETRICAL LAYOUT. DROP SOFFITS A MINIMUM OF 1" BELOW CEILING GRID.
 - * SUSPEND CEILING SYSTEM FROM STRUCTURAL MEMBERS OR FLOOR DECKING ONLY. DO NOT ATTACH TO ROOF DECK.
6. PAINTING:
 - A. EQUIPMENT ROOMS: PAINTING MAY BE OMITTED ON WALLS AND CEILINGS IN MECHANICAL EQUIPMENT ROOMS.
 - B. MECHANICAL AND ELECTRICAL EQUIPMENT: 1. FLEXIBLE CONNECTIONS BETWEEN VENTILATING FANS AND DUCTS SHALL NOT BE PAINTED. VALVE STEMS AND OTHER CLOSE FITTING MECHANICAL AND OTHER PARTS SHALL NOT BE PAINTED. NAMEPLATES ON MOTORS AND OTHER MECHANICAL EQUIPMENT SHALL NOT BE PAINTED.

FINISH LEGEND-SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION

FLOORING	DESCRIPTION	ALTERNATE MANUFACTURERS
FL-1	CONTINUOUS RESILIENT FLOORING WITH INTEGRAL COVE BASE. BASIS OF DESIGN: UPGOLEZERO ZERO PVC FREE FLOORS. COLOR 5703 PEWTER. (SEE 02231.6 NOTE CONCRETE UNDERLAYMENT MUST BE DRY, CLEAN, SMOOTH AND LEVEL (no more than 3/16" in 10' or must not exceed 1/32" in span of 12'). See Spec Section 035416 for Hydraulic Cement Underlayment, G.C. to verify existing conditions in field.)	JOHNSONITE, COLORQUART MEDITECH FLOORING, NORAPLAN ENVIRONCARE
FL-2	CARPET TILE-BASIS OF DESIGN: INTERFACE, 1ST AVENUE, COLOR CHARCOAL, PENDING REVIEW (AT CLASSROOMS, SEMINAR ROOMS AND OFFICES)	SHAW, MOHAWK, INTERFACE
FL-3	CARPET TILE-BASIS OF DESIGN: INTERFACE, ON LINE 103780 LEAT (AT BUILDING A CORRIDOR)	SHAW, MOHAWK
FL-4	UPGOLFLOOR QUARTZ TILE 24 X24 INCH COLOR 004. (NOTE: CONCRETE UNDERLAYMENT MUST BE DRY, CLEAN, SMOOTH AND LEVEL (no more than 3/16" in 10' or must not exceed 1/32" in span of 12'). See Spec Section 035416 for Hydraulic Cement Underlayment, G.C. to verify existing conditions in field.)	JOHNSONITE, ARMSTRONG
CEILING		
CL-1	ARMSTRONG OPTIMA ACOUSTICAL LAY-IN REGULAR TILE IN SUPRAPHINE XL 9/16" EXPOSED TEE, WHITE	OR APPROVED EQUIVALENT
CL-2	EXPOSED STRUCTURE, PAINTED, WHITE	SHERWIN WILLIAMS, PPG, BENJAMIN MOORE
CL-2	ARMSTRONG 2X2 GRID TO MATCH EXISTING GRID WITH SALVAGED CEILING TILES FROM DEMOLITION	
WALLS		
WF-1	PAINTED GYPSUM BOARD	
WF-2	1. MAGNATAG WHITE WALLS MAGNETIC DRY ERASE WHITEBOARD WALL PANELING OR 2. CLARIDGE SERIES 4	OR APPROVED EQUIVALENT
WF-3	VINYL WALL COVERING: 1. MAHARAM STYLE: OUTLINE COLOR 397420-008 GRAPHITE, 2. KNOLL TEXTILES, STYLE ODON, COLOR K3179 ANTHRACITE; 3. KOROSEAL, STYLE CHARLOTTE, COLOR OSBIDIAN CHAR-15	MAHARAM, KNOLL TEXTILES, KOROSEAL
BASE		
VB-1	4" VINYL BASE, JOHNSONITE CHARCOAL (AT CARPET)	OR APPROVED EQUIVALENT
VB-2	4" VINYL BASE, JOHNSONITE COLOR (AT QUARTZ TILE)	
RB	INTEGRAL BASE AT FL-1	
PAINT		
PT-1	WHITE (PPG PEGASUS 517-1), EGGSHELL FINISH TYPICAL U.N.O., AT WALLS AND CEILINGS	SHERWIN WILLIAMS, PPG, BENJAMIN MOORE
PT-2	SHERWIN WILLIAMS BLACK BEAN, SEMI-GLOSS FINISH AT HOLLOW METAL DOOR FRAMES	SHERWIN WILLIAMS, PPG, BENJAMIN MOORE
PT-3	NOT USED	SHERWIN WILLIAMS, PPG, BENJAMIN MOORE
PT-4	SEMI-GLOSS FINISH AT TOILET ROOMS, COLOR TBD	SHERWIN WILLIAMS, PPG, BENJAMIN MOORE
PT-5	ELECTROSTATIC PAINT AT EXISTING METAL CABINETS, SHERWIN WILLIAMS POLY-EPoxy SEMI-GLOSS ELECTROSTATIC ENAMEL, COLOR TBD	SHERWIN WILLIAMS, PPG, BENJAMIN MOORE
OTHER		
SS	Stainless Steel Countertops and tubular legs- Manufacturers: Advance Tabco, Eagle Group, Elkay	Advance Tabco, Eagle Group, Elkay
PLAM	Plastic Laminates Countertop: Wilsonart or Approved Equivalent	
METAL LOCKERS	Three Tier Metal Lockers-ASI, Tenneco, Lyon	ASI, Tenneco, Lyon
ALTERNATES		
ALTERNATE 1 INCLUDES:	Folding Acoustic Partition- Hufcor 600 Series STC 56, whiteboard finish panel, Modern Acousti-Seal Model Encore STC 56, marker board finish, Kwik-Wall 3000 Series, STC 56 markerboard finish	Hufcor, Modern Acousti-Seal, Kwik-Wall
ALTERNATE 5	WF-2 GLASS MARKERBOARD AT ROOM A200A ONLY IN LIEU OF STEEL ENAMELED PANEL; 1. CLARIDGE NQM MAGNETIC GLASS MARKERBOARD; 2. SKYLINE DESIGN VITRACOLOR MAGNETIC MARKERBOARD V24 WHITE	

MULTIPLE PRIME BIDDING:
ALL TRADES TO REVIEW SPECIFICATION SECTIONS
011000 SUMMARY AND SECTION 012300 ALTERNATES

		85% Construction Documents 7/9/2016	85% Construction Documents 8/9/2016	100% Construction Documents 9/1/2016	Issued for Addendum 1 10/3/2016
	UIC - Peoria				
	Title				
	GENERAL				
G-001	COVER SHEET AND GENERAL NOTES	X	X	X	X
G-100	SECOND FLOOR KEY PLAN			X	
G-101	SITE LOGISTICS FIRST AND SECOND FLOOR PLANS			X	
	ARCHITECTURAL				
AD-110	DEMOLITION PLAN AREA A SOUTH AND AREA B	X	X	X	X
A-101	FLOOR PLAN AREA A SOUTH	X	X	X	
A-102	REFLECTED CEILING PLAN AREA A SOUTH	X	X	X	
A-103	SECOND FLOOR PLAN AREA B	X	X	X	
A-104	REFLECTED CEILING PLAN AREA B	X	X	X	
A-105	THIRD FLOOR PLAN AREA B		X	X	X
A-106	ROOF PLAN AREA B		X	X	X
A-201	INTERIOR ELEVATIONS AREA A SOUTH	X	X	X	
A-202	INTERIOR ELEVATIONS AREA B	X	X	X	X
A-400	SECTION DETAILS	X	X	X	X
A-500	PARTITION TYPES AND SECTION DETAILS	X	X	X	
A-601	DOOR SCHEDULE AND DETAILS	X	X	X	
A-602	FURNITURE PLAN AREA A SOUTH	X	X	X	
A-603	FURNITURE PLAN AREA B	X	X	X	
	PLUMBING				
P0201	SECOND FLOOR PIPING DEMOLITION PLAN				
P101	FIRST FLOOR PIPING PLAN	X	X	X	
P102	SECOND FLOOR PIPING PLAN	X	X	X	
P103	FIRST FLOOR PIPING PLAN - A SOUTH	X	X	X	
P104	SECOND FLOOR PIPING PLAN - A SOUTH	X	X	X	
	MECHANICAL				
M000	MECHANICAL SYMBOLS AND ABBREVIATIONS	X	X	X	
M001	MECHANICAL GENERAL NOTES	X	X	X	
M102	SECOND FLOOR MECHANICAL DEMOLITION PLAN	X			
M201	SECOND FLOOR MECHANICAL PLAN	X	X	X	
M202	SECOND FLOOR LEARNING CENTER MECHANICAL PLAN	X	X	X	
M203	MECHANICAL ROOF PLAN	X	X	X	
M301	SECOND FLOOR PIPING PLAN	X	X	X	
M302	THIRD FLOOR PIPING PLAN	X	X	X	
M400	MECHANICAL DETAILS	X	X	X	
M401	MECHANICAL DETAILS	X	X	X	
M500	MECHANICAL SCHEDULES	X	X	X	
M501	MECHANICAL SCHEDULES	X	X	X	
M2021	SECOND FLOOR MECHANICAL DEMOLITION PLAN	X	X	X	
M2022	SECOND FLOOR LEARNING CENTER MECHANICAL DEMOLITION PLAN	X	X	X	
	ELECTRICAL				
E000	ELECTRICAL SYMBOLS AND ABBREVIATIONS	X	X	X	
E200	FIRST FLOOR ELECTRICAL PLAN	X	X	X	
E201	SECOND FLOOR ELECTRICAL PLAN AREA B	X	X	X	X
E202	SECOND FLOOR ELECTRICAL PLAN AREA A	X	X	X	X
E203	ROOF ELECTRICAL PLAN - AREA B			X	
E301	SECOND FLOOR ELECTRICAL LIGHTING PLAN AREA B	X	X	X	
E302	SECOND FLOOR ELECTRICAL LIGHTING PLAN AREA A SOUTH	X	X	X	
E500	ELECTRICAL PARTIAL SINGLE LINE DIAGRAM	X	X	X	
E600	ELECTRICAL DETAILS			X	
E801	ELECTRICAL SCHEDULES				X
E800	LUMINAIRE SCHEDULE	X	X	X	X
E901	PANEL SCHEDULES			X	
FA201	SECOND FLOOR SYSTEMS PLAN AREA B	X	X	X	
FA202	SECOND FLOOR SYSTEMS PLAN AREA A SOUTH	X	X	X	
ED201	SECOND FLOOR ELECTRICAL DEMOLITION PLAN AREA B				
ED202	SECOND FLOOR ELECTRICAL DEMOLITION PLAN AREA A SOUTH			X	
	INSTRUMENT AND CONTROL				
IC-600	CONTROL, INSTRUMENTATION SYMBOLS AND ABBREVIATIONS		X	X	
IC-700	AIR HANDLING UNIT CONTROL DIAGRAM		X	X	
IC-710	TERMINAL CONTROL UNIT DIAGRAMS		X	X	
IC-600	INSTRUMENTATION EQUIPMENT SCHEDULES		X	X	
IC-610	POINTS LIST				
	FIRE PROTECTION				
FP-200	FIRE PROTECTION SYMBOLS AND ABBREVIATIONS			X	
FPD-201	SECOND FLOOR FIRE PROTECTION DEMOLITION PLAN AREA B			X	
FPD-202	SECOND FLOOR FIRE PROTECTION DEMOLITION PLAN AREA A			X	
FP-201	SECOND FLOOR FIRE PROTECTION PLAN AREA B			X	
FP-202	SECOND FLOOR FIRE PROTECTION PLAN AREA A			X	
	AUDIO-VISUAL- PROVIDED FOR REFERENCE AND COORDINATION OF ELECTRICAL WORK				
EA-100	AV INDEX (FOR REFERENCE ONLY)		X	X	X
EA-101	AV SCHEDULE (FOR REFERENCE ONLY)		X	X	X
EA-102	EA DEVICE LOCATIONS (FOR REFERENCE ONLY)		X	X	X
EA-103	EA DEVICE LOCATIONS RDP (FOR REFERENCE ONLY)		X	X	X
EA-104	AV ELEVATIONS (FOR REFERENCE ONLY)		X	X	X
EA-105	AV ELEVATIONS (FOR REFERENCE ONLY)		X	X	X
EA-201	MOUNTING DETAILS (FOR REFERENCE ONLY)				X
EA-202	MOUNTING DETAILS (FOR REFERENCE ONLY)				X
EA-301	PANEL & RACK INDEX (FOR REFERENCE ONLY)				X
EA-302	PANEL ELEVATIONS (FOR REFERENCE ONLY)				X
EA-303	PANEL ELEVATIONS (FOR REFERENCE ONLY)				X
EA-304	RACK ELEVATIONS (FOR REFERENCE ONLY)				X
EA-401	AV SIGNAL FLOW (FOR REFERENCE ONLY)				X
EA-402	AV SIGNAL FLOW (FOR REFERENCE ONLY)				X
EA-403	AV SIGNAL FLOW (FOR REFERENCE ONLY)				X
EA-404	AV SIGNAL FLOW (FOR REFERENCE ONLY)				X
EA-405	AV SIGNAL FLOW (FOR REFERENCE ONLY)				X
EA-406	AV SIGNAL FLOW (FOR REFERENCE ONLY)				X

G.C. TO PROVIDE TEMPORARY
CONSTRUCTION ACCESS DOOR

G.C. TO PROVIDE TEMPORARY
CONSTRUCTION ACCESS DOUBLE
DOOR

FREIGHT ELEVATOR TO USED
FOR CONSTRUCTION

PROTECTED PATH OF TRAVEL
G.C. TO PROVIDE 1/8" THICK
MASONITE BOARDS, TAPED
DOWN WITH A PLASTIC SHEETING/
"VISQUEEN" UNDERLAYMENT.

G.C. TO PROVIDE TEMPORARY
CONSTRUCTION ACCESS DOOR

SEE DEMOLITION DRAWINGS FOR
ADDITIONAL NOTES

E1 SECOND FLOOR LOGISTICS PLAN

SCALE: 1/16"=1'-0"

FREIGHT ELEVATOR TO USED
FOR CONSTRUCTION

OPEN SPACE FOR
ONE DUMPSTER FOR
CONSTRUCTION WASTE

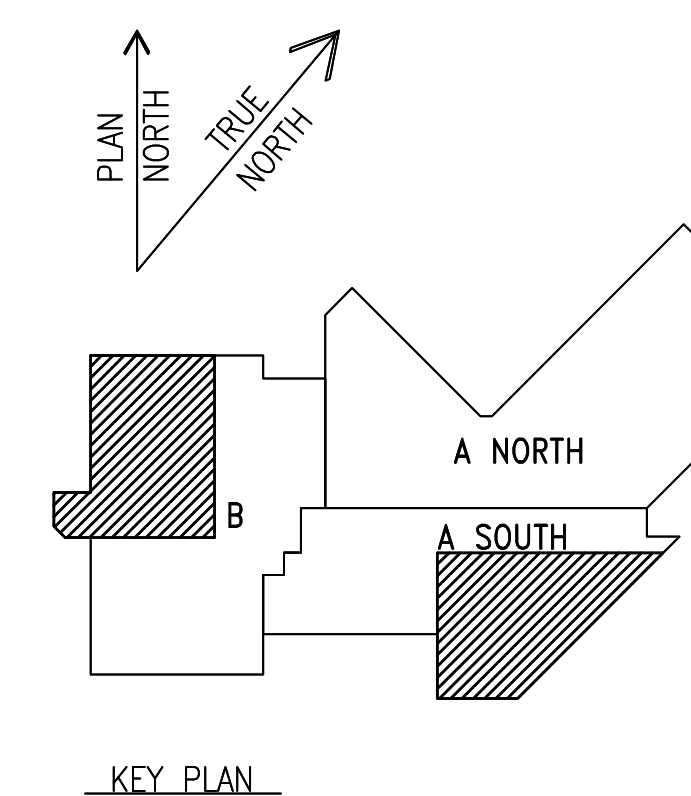
SERVICE ENTRANCE
TO BE USED FOR
CONSTRUCTION

LOADING DOCK W /HYDRAULIC JACK

K1 FIRST FLOOR FLOOR LOGISTICS PLAN

SCALE: 1/16"=1'-0"

General Notes



KEY PLAN

No.	Description	Date
6	ISSUED FOR ADDENDUM 1	10/03/2016
5	100% CD/ ISSUED FOR BD	9/16/2016
4	95% CONSTRUCTION DOCUMENTS	9/01/2016
3	FOR OWNER'S REVIEW	8/09/2016
2	50% CONSTRUCTION DOCUMENTS	7/01/2016
1	SCHEMATIC DESIGN	5/28/2016

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Drawing Title

**SITE LOGISTICS
PLAN- FIRST AND
SECOND FLOORS**

Drawn: KM Date:

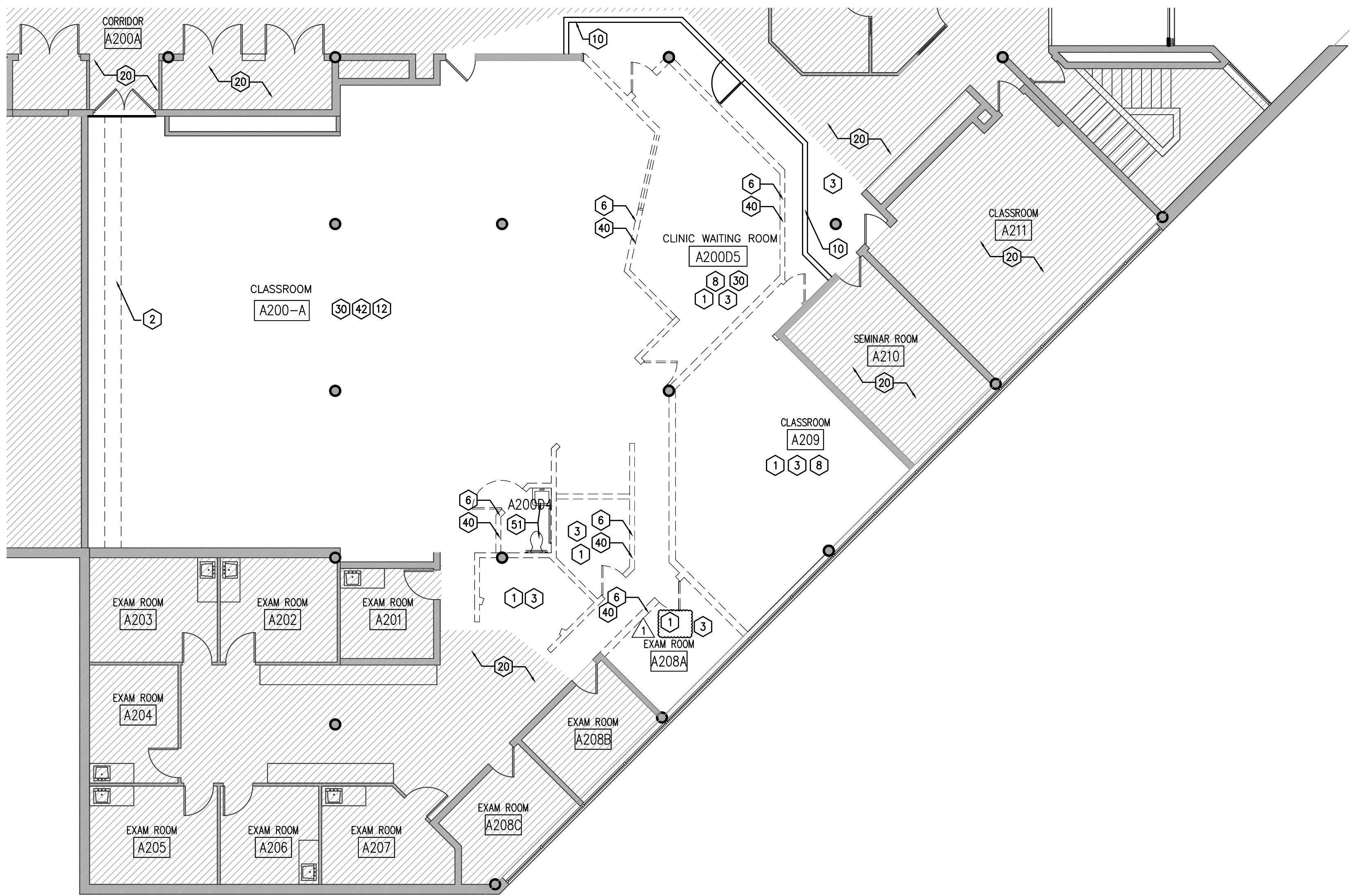
Checked By: Drawing Number:

Approved:

Job Number: 000-0000

FILE NAME:

G-101



E6 FLOOR PLAN-AREA A

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



E6 FLOOR PLAN-AREA B

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

DEMOLITION KEY NOTES

GENERAL DEMOLITION

- 1 REMOVE EXISTING CEILING ACT TILES, GRID, LIGHTING AND DISCARD. CONTRACTOR TO PROVIDE TEMPORARY SUPPORTS LABELLED AS EXISTING IN REMAIN IN MECHANICAL DEMOLITION DRAWINGS.
 - 2 DEMO SOFFIT WITH LIGHTING AND PROJECTION SCREEN. PATCH ADJACENT WALL CONSTRUCTION AS REQUIRED.
 - 3 REMOVE EXISTING CARPET, ADHESIVE AND PADDING (IF APPLICABLE) AND EXISTING WALL BASE, TRANSITION STRIP AT CORRIDOR TO REMAIN IN PLACE.
 - 4 REMOVE PLASTIC LAMINATE COUNTERTOP, PREPARE BASE CABINETS TO RECEIVE NEW COUNTERTOP.
 - 5 REMOVE DOOR AND DOOR FRAME, DOOR TO BE INFILLED WITH DRYWALL PARTITION TO MATCH ADJACENT CONSTRUCTION.
 - 6 DEMOLISH WALL.
 - 7 REMOVE EXISTING DOOR, HARDWARE AND DOOR FRAME. SEE NEW CONSTRUCTION DRAWINGS FOR WIDER DOOR LOCATION. PATCH AND REPAIR ADJACENT WALL CONSTRUCTION AS REQUIRED.
 - 8 REMOVE EXISTING GYPSUM CEILING, SUPPORTS AND LIGHTS. SEE MECHANICAL DRAWINGS FOR SELECTIVE DEMOLITION OR EXISTING TO REMAIN IN PLACE.
 - 9 REMOVE EXISTING BULLETIN BOARD AND MOUNTING HARDWARE. RETURN BULLETIN BOARD TO OWNER. PATCH AND REPAIR WALL CONSTRUCTION AS REQUIRED.
 - 10 CONTRACTOR TO PROVIDE TEMPORARY ENCLOSURE. ACCESS AND POWER TO BE MAINTAINED OUTSIDE ENCLOSURE. SEAL OPENING TO LIMIT MIGRATION OF DUST. TEMPORARY ENCLOSURE TO BE PROVIDED WITH METAL STUD WALL WITH ONE LAYER OF DRYWALL AT PUBLIC CORRIDOR. SEAL OPENING TO LIMIT DUST AND NOISE MIGRATION FROM CONSTRUCTION AREA TO ADJACENT SPACES. PROVIDE TEMPORARY CONSTRUCTION ACCESS DOOR AS INDICATED ON PLAN.
 - 11 REMOVE FLOOR BOLTS AND GRIND FLOOR FLUSH TO RECEIVE NEW FLOORING.
 - 12 REMOVE FLOOR ELEC OUTLET AND INFILL EXISTING OPENING WITH CONCRETE FOR FLUSH FINISH WITH EXISTING FLOOR.
- EXISTING TO REMAIN**
- 20 EXISTING TO REMAIN. NO EARLY DEMOLITION REQUIRED.
 - 21 METAL BASE CABINET TO REMAIN IN PLACE. COUNTERTOP AND DROP-IN SINK TO REMAIN IN PLACE.
 - 22 METAL UPPER CABINETS TO REMAIN IN PLACE.
 - 23 PROTECT EXISTING CABINETS TO REMAIN AT WALL DEMOLITION. CABINET TO RECEIVE NEW COUNTERTOP AND FILLER INSERT PANEL DURING NEW CONSTRUCTION.
 - 24 EXISTING FIRE PROTECTION SPRINKLERS TO REMAIN AND BE PROTECTED IN PLACE.

MECHANICAL

- 30 SELECTIVE DEMOLITION OF MECH DUCTWORK. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

ELECTRICAL

- 40 AT WALL DEMO, PATCH AND REPAIR ADJACENT WALL CONSTRUCTION TO REMAIN IN PLACE. REMOVE RECEPTACLES, DATA DEVICES (INCLUDING PHONE JACKS) AND FIRE ALARM DEVICES IN WALL TO BE DEMOLISHED. RETURN FIRE ALARM DEVICE(S) TO OWNER FOR RE-USE.
- 41 AT GYPSUM CEILING TO BE REMOVED, EXISTING LIGHTING AND PROJECTION SCREEN TO BE REMOVED. REMOVE JUNCTION BOXES AND CONDUIT ASSOCIATED WITH LIGHT FIXTURES. REMOVE ALL CIRCUIT WIRING FROM COMPONENT BACK TO ORIGIN.
- 42 DISCONNECT AND PULL WIRING FROM EXISTING FLOOR OUTLETS

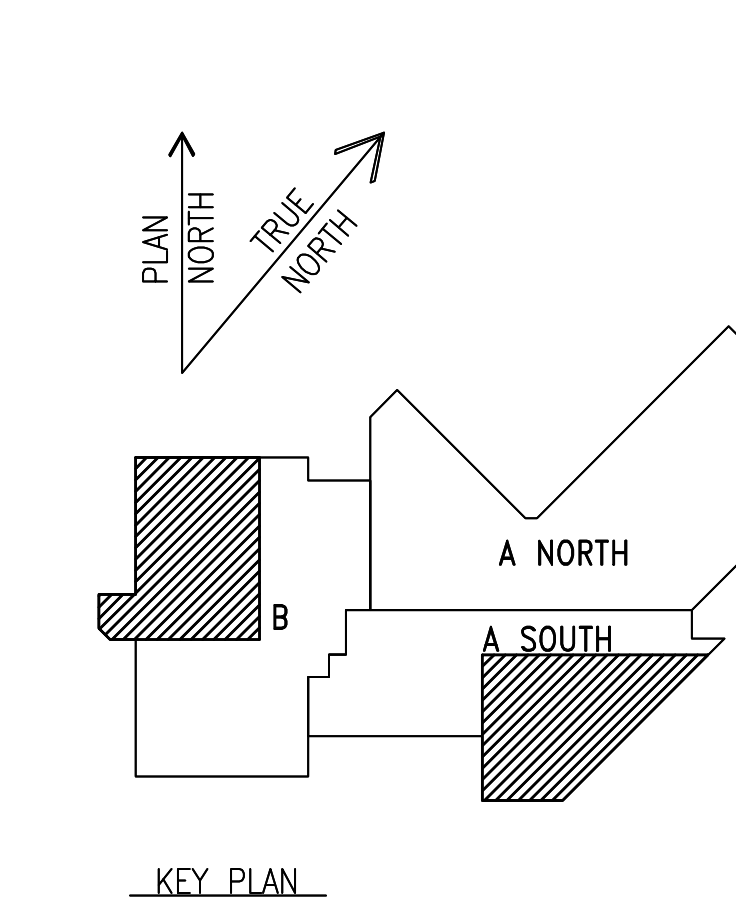
PLUMBING

- 50 EXISTING SINK TO BE REPLACED WITH NEW SINK. MAINTAIN WATER SUPPLY, WASTE AND VENT FOR REUSE.
- 51 SAVAGE TOILET, LAV AND TOILET ACCESSORIES FOR REUSE. DEMOLISH EXISTING WATER SUPPLY, WASTE AND SAN. COORDINATE WITH NEW TOILET LAYOUT.

GENERAL DEMOLITION NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREIN. CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT AND SHALL NOTIFY THE ARCHITECT OR THE OWNER OF ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE COUNTY, STATE, AND FEDERAL LAWS, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND REGULATIONS.
3. COORDINATE DEMOLITION WITH NEW PLANS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES ON THE DRAWINGS OR ON SITE OF HIDDEN CONDITIONS WHICH MAY AFFECT THE WORK.
4. DO NOT CUT INTO, REMOVE, OR ALTER ANY EXISTING STRUCTURAL MEMBER OR PORTION OF THE FLOOR SYSTEM UNLESS SPECIFICALLY NOTED OR SHOWN ON THE STRUCTURAL OR ARCHITECTURAL DRAWINGS.
5. IF UNANTICIPATED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS WHICH CONFLICT WITH INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, CONTRACTOR SHALL INVESTIGATE AND MEASURE BOTH NATURE AND EXTENT OF THE CONFLICT. SUBMIT REPORT TO ARCHITECT IN WRITTEN, ACCURATE DETAIL PENDING RECEIPT OF DIRECTIVE FROM ARCHITECT. REARRANGE SELECTIVE DEMOLITION SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT DELAY.
6. ALL EXISTING ITEMS AND AREAS INDICATED TO REMAIN SHALL BE PROTECTED AND TREATED WITH UTMOST CARE DURING DEMOLITION AND CONSTRUCTION.
7. ANY REMAINING WALLS, CEILINGS, OR FLOORS DAMAGED DUE TO ADJACENT DEMOLITION ARE TO BE PATCHED, REPAIRED, SANDED SMOOTH AND PREPARED TO RECEIVE NEW FINISHES TO MATCH EXISTING ADJACENT SURFACES.
8. CONTRACTOR SHALL MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
9. PATCH HOLES IN WALLS AND FLOORS WHERE EXISTING PIPING, CONDUIT, ETC. IS REMOVED.
10. EXISTING MECHANICAL DUCTWORK AND FIRE PROTECTION SPRINKLERS TO REMAIN IN PLACE.
11. CONTRACTOR SHALL CONDUCT ALL ACTIVITIES IN SUCH A MANNER AS TO AVOID DISRUPTION TO THE REGULAR ACTIVITIES AND OPERATIONS THAT TAKE PLACE IN ADJACENT AREAS. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO CONTROL DUST, NOISE AND ODOR MIGRATION TO ADJACENT BUILDING AREAS. CONTRACTOR SHALL PROVIDE PROTECTION TO OCCUPANTS OF THE BUILDING FROM THE CONSTRUCTION AREA AT ALL TIMES THROUGHOUT THE PROJECT.
12. CONTRACTOR SHALL COMMUNICATE WITH THE OWNER AND BUILDING MANAGEMENT THE SCHEDULE FOR ALL ACTIVITIES WHICH COULD POTENTIALLY IMPACT THE OWNER'S OPERATION SUCH AS MOVEMENT OF MATERIALS AND EQUIPMENT OUTSIDE THE PROJECT SPACE, INTERRUPTIONS IN THE UTILITY SERVICE, ALARM & FIRE PROTECTION SYSTEMS, EXIT SIGNS, LEGAL MEANS OF EGRESS, ETC. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER AND BUILDING MANAGEMENT PRIOR TO BEGINNING SUCH ACTIVITIES.
13. CONTRACTOR SHALL REMOVE ALL DEBRIS IN AN ORDERLY AND TIMELY MANNER. ALL DEBRIS TO BE DISPOSED OF IN A LEGAL MANNER.
14. UNLESS INDICATED OTHERWISE ON THE DRAWINGS, PRESERVE EXISTING POWER, LIGHTING FIXTURES AND LIGHTING SWITCHES SERVING AREAS ADJACENT TO AREA IN CONTRACT. PRESERVE ASSOCIATED CONDUIT AND WIRING.
15. CONTRACTOR TO BE RESPONSIBLE FOR PROTECTING, HANDLING AND TRANSPORTING ANY ITEM LISTED TO BE SALVAGED. STORAGE BY OWNER.

General Notes



KEY
 NOT IN CONTRACT
 DEMOLITION

No.	Description	Date
6	ISSUED FOR ADDENDUM 1	10/03/2016
5	100% CD/ ISSUED FOR BD	8/16/2016
4	90% CONSTRUCTION DOCUMENTS	8/01/2016
3	FOR OWNER'S REVIEW	8/08/2016
2	90% CONSTRUCTION DOCUMENTS	7/01/2016
1	SCHEMATIC DESIGN	5/28/2016

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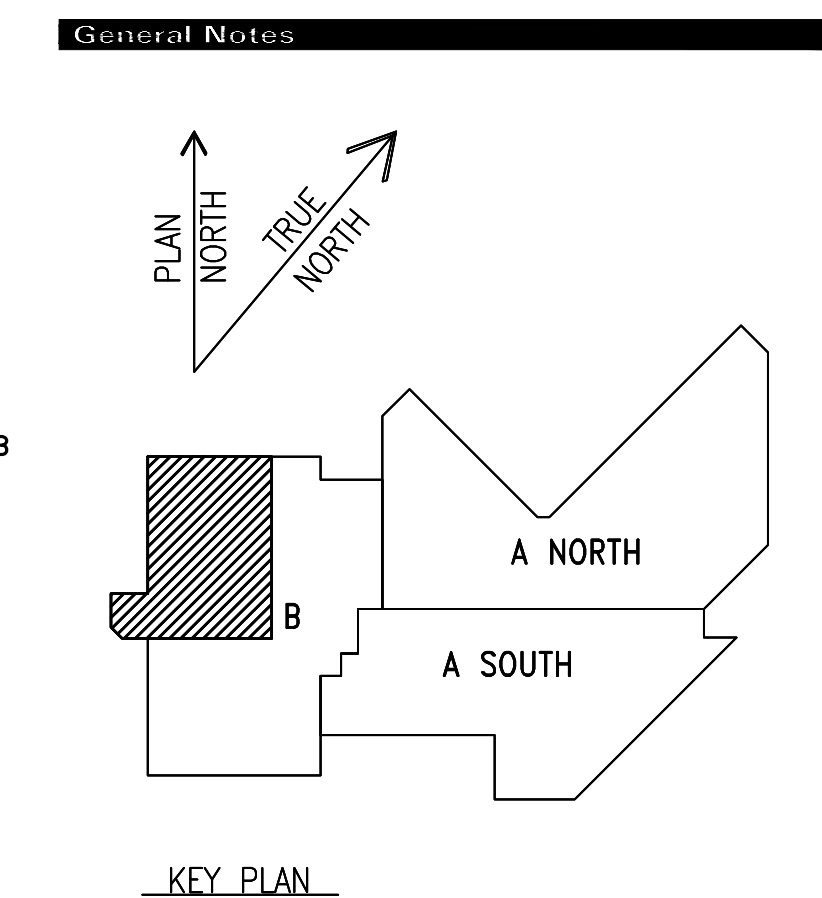
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**DEMOLITION PLAN
 SECOND FLOOR
 AREA A SOUTH**

Drawn: KM Date:
 Checked By: Drawing Number:
 Approved:
 Job Number: 000-0000

AD-110

FILE NAME:



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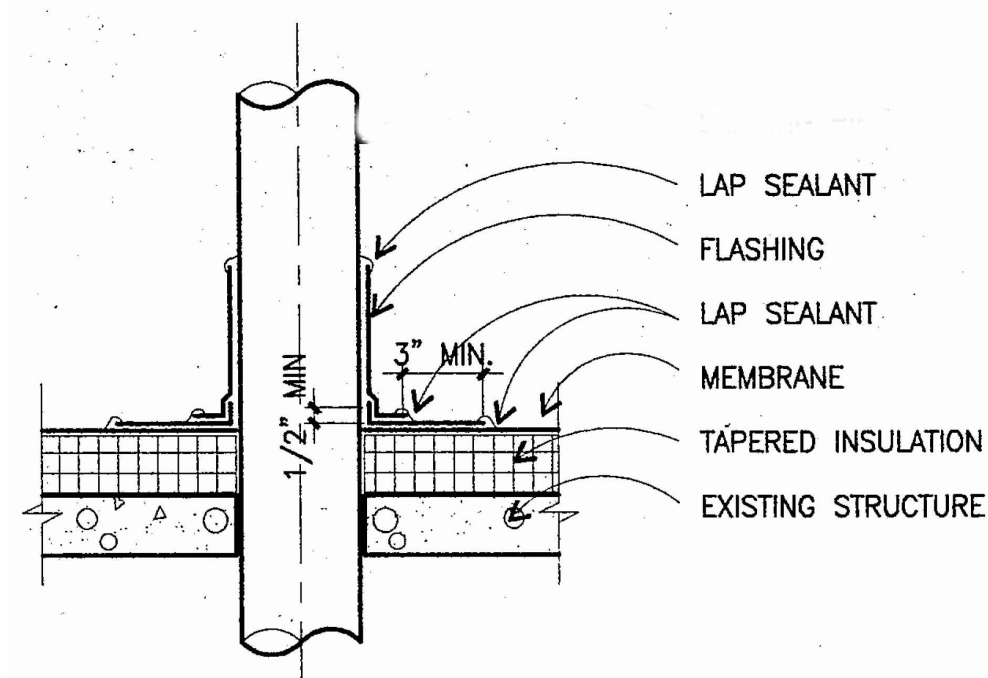
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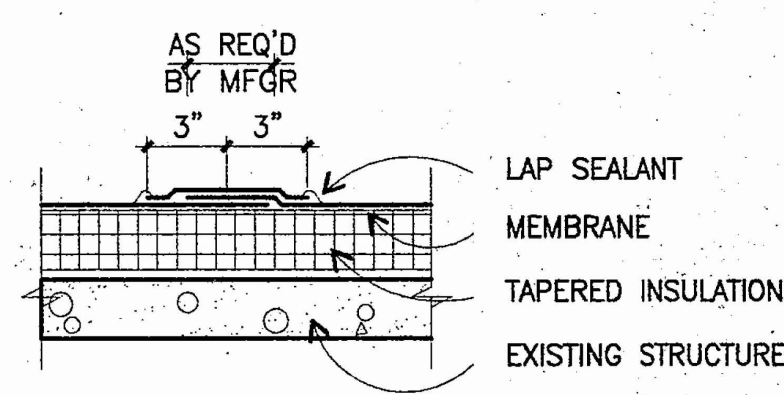
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CHICAGO, IL 60603

A-105

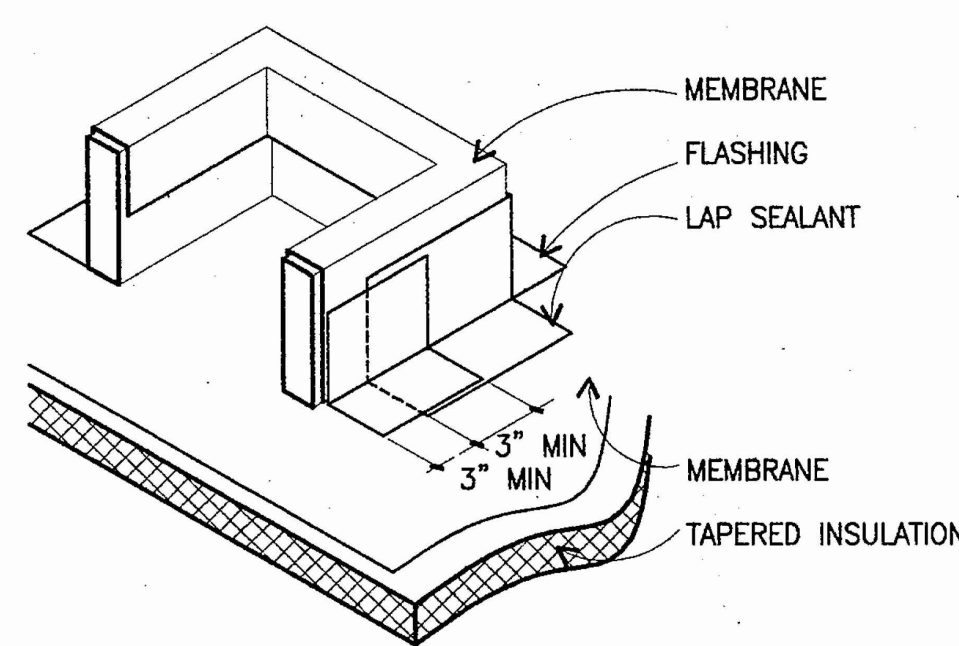
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J11 PENETRATION FLASHING DETAIL
SCALE: NTS

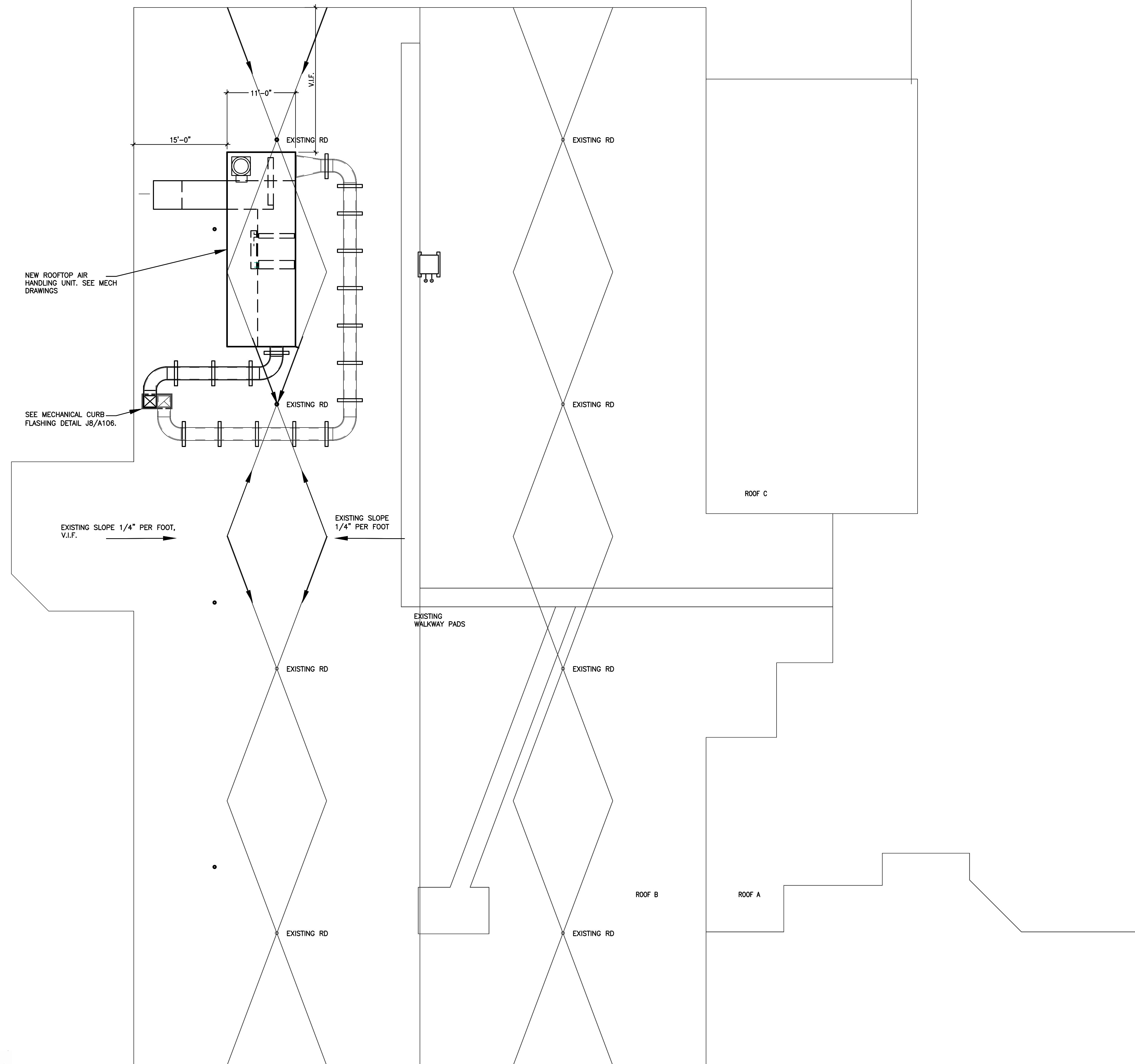


J10 SEAM TAPE DETAIL
SCALE: NTS



J8 MECH CURB FLASHING
SCALE: NTS

J5 ROOF PLAN- PARTIAL PLAN AREA B
SCALE: 1/8"=1'-0"



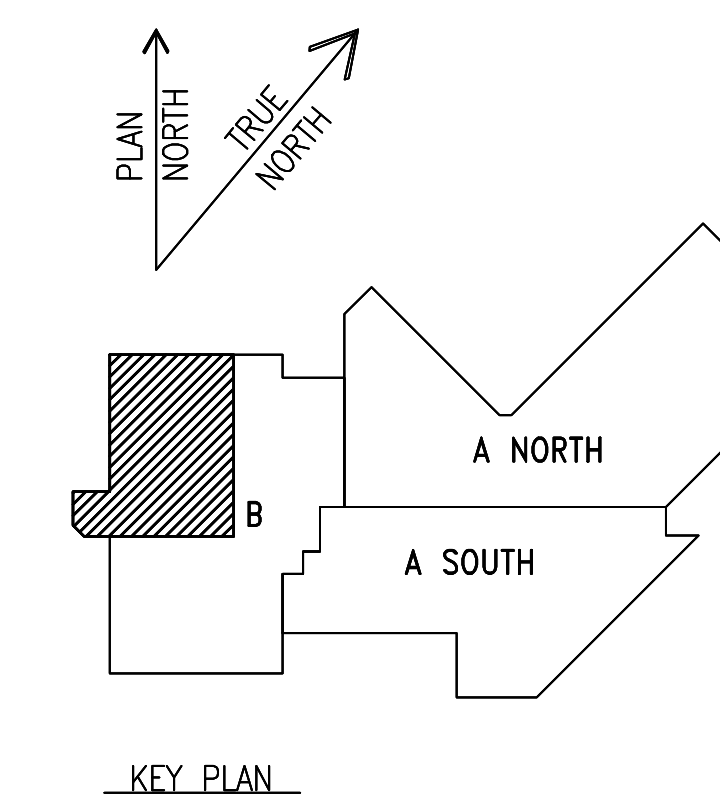
NOTE:
1. ROOF IS TO BE IN WEATHER TIGHT
CONDITION AT THE END OF EACH DAY.

2. VENTILATION CONTRACTOR TO VERIFY LOCATION
OF EXISTING ROOF DRAINS AND COORDINATE
FINAL LOCATION OF NEW AHU.

3. PATCH AND REPAIR ROOF AT INSTALLATION
OF NEW AHU. MATCH EXISTING ROOF SLOPE AND
PROVIDE NEW EXTRUDED POLYESTRENE INSULATION
TO MAINTAIN POSITIVE DRAINAGE.

4. SEE SPEC SECTION 075323 EPDM ROOFING FOR
ADDITIONAL INFORMATION.

General Notes



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1	SCHEMATIC DESIGN	5/28/2016

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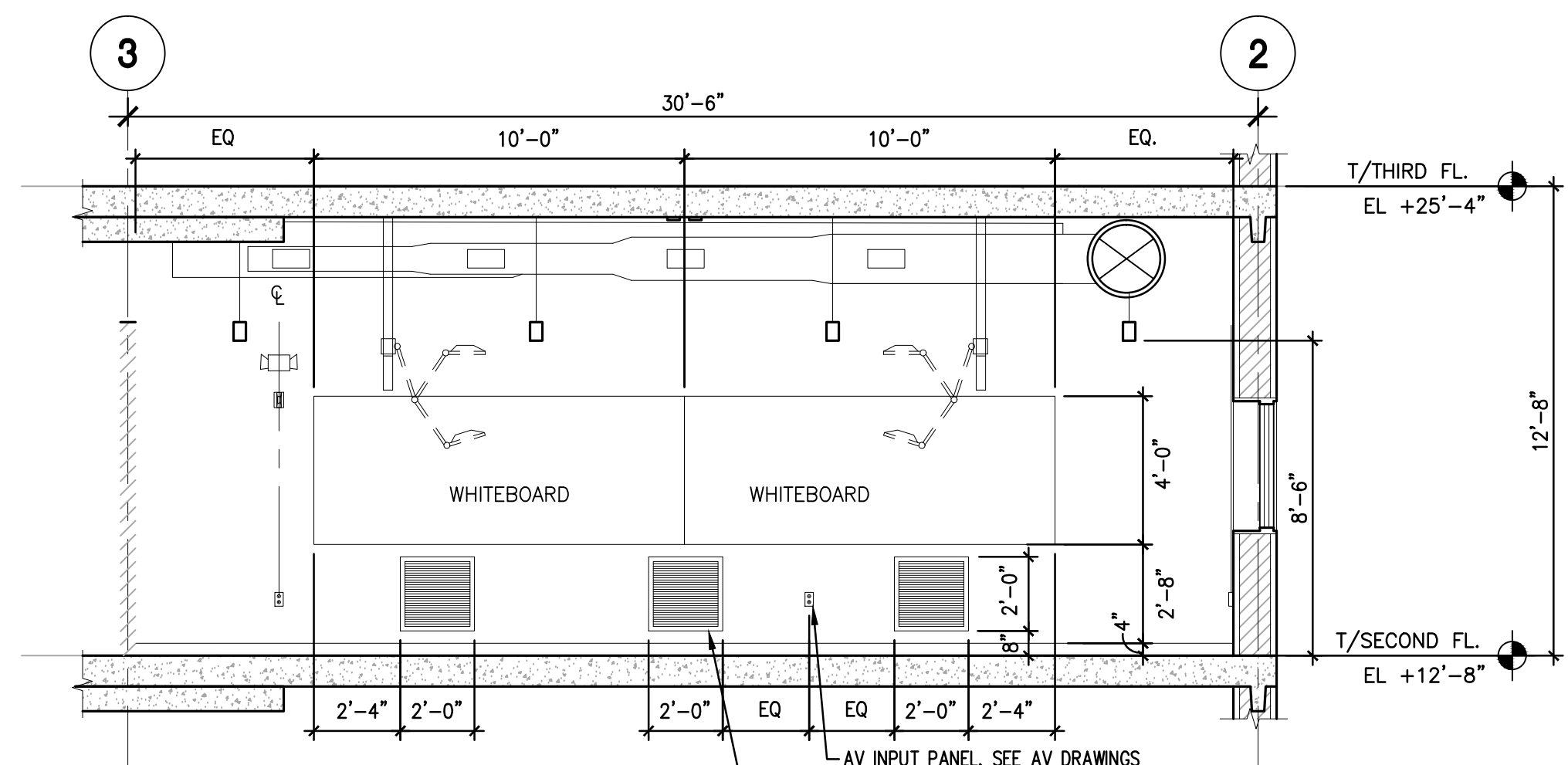
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CHICAGO, IL 60605

Drawing Title

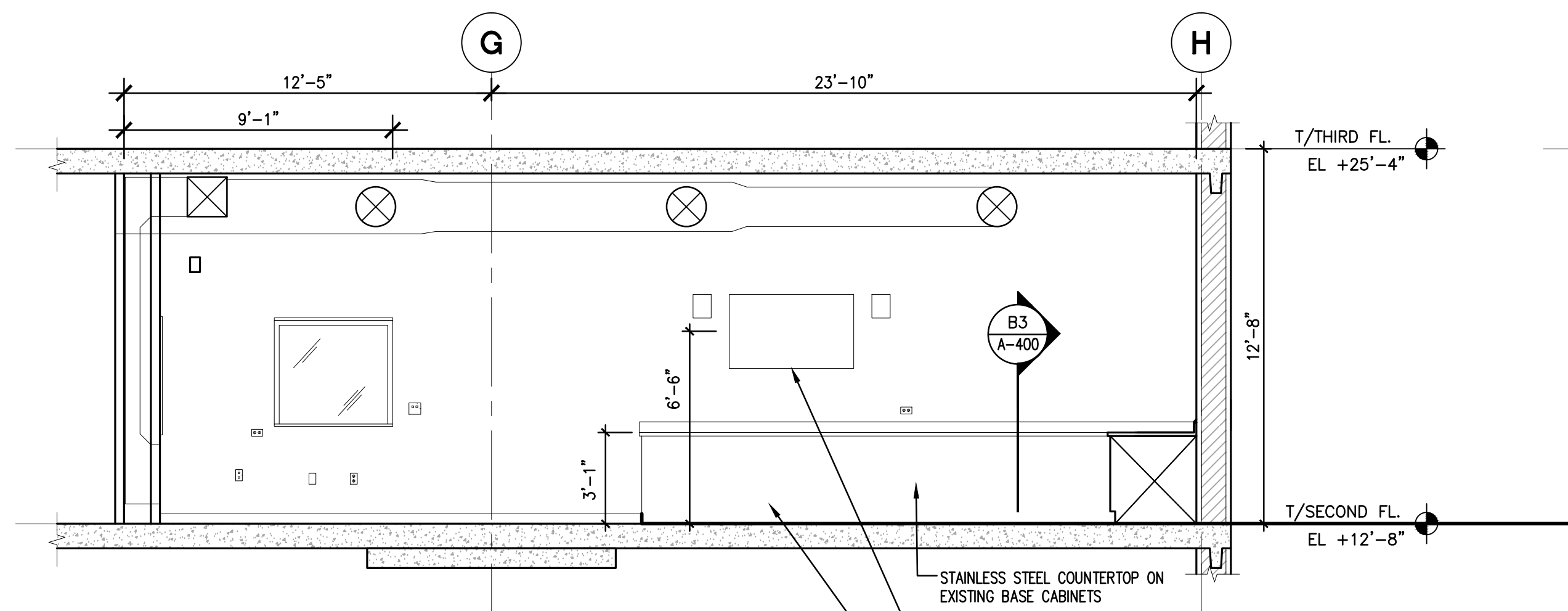
ROOF PLAN
AREA B

Drawn	Date
Checked By	Drawing Number
Approved	
Job Number	
000-0000	

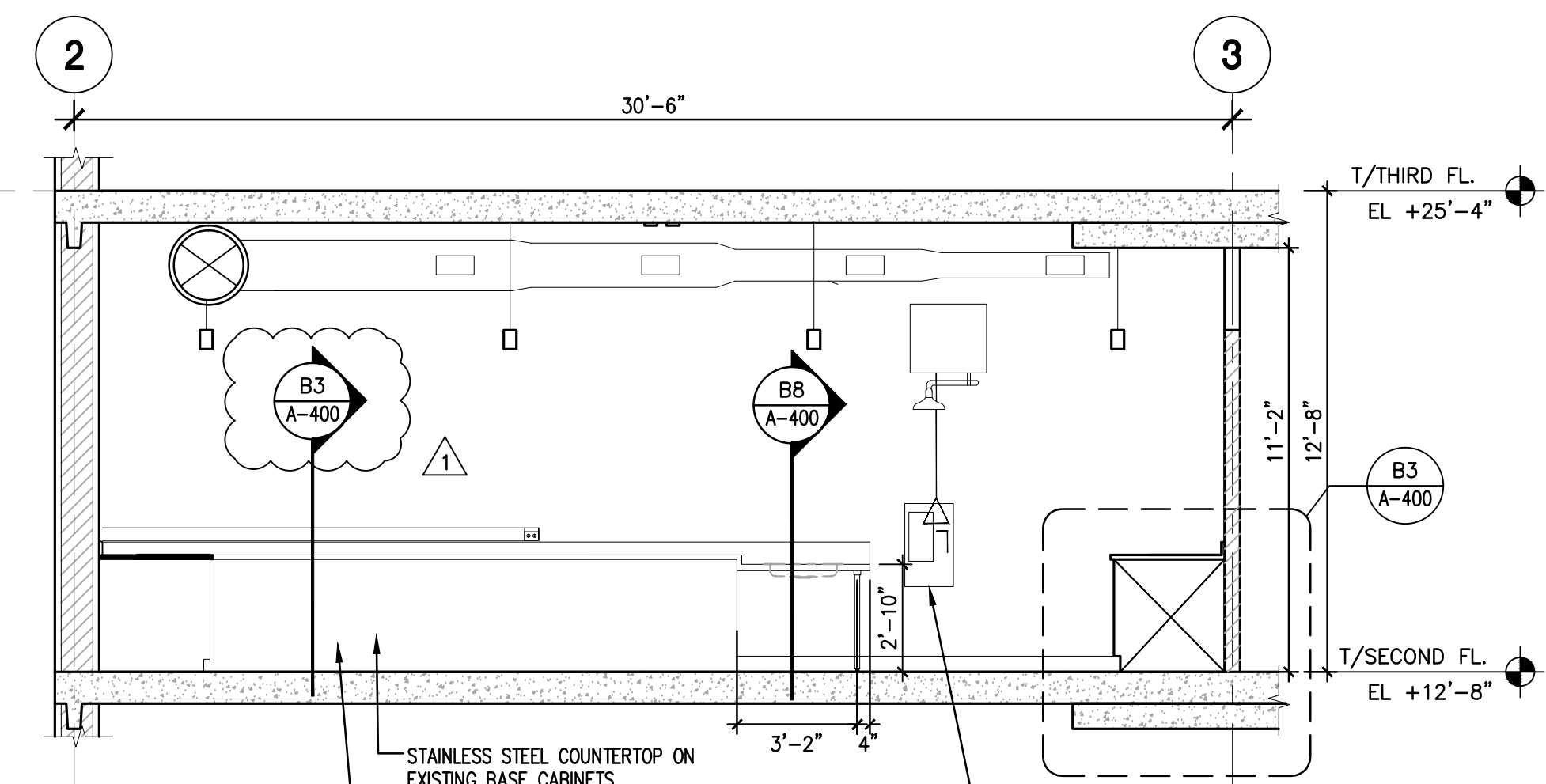
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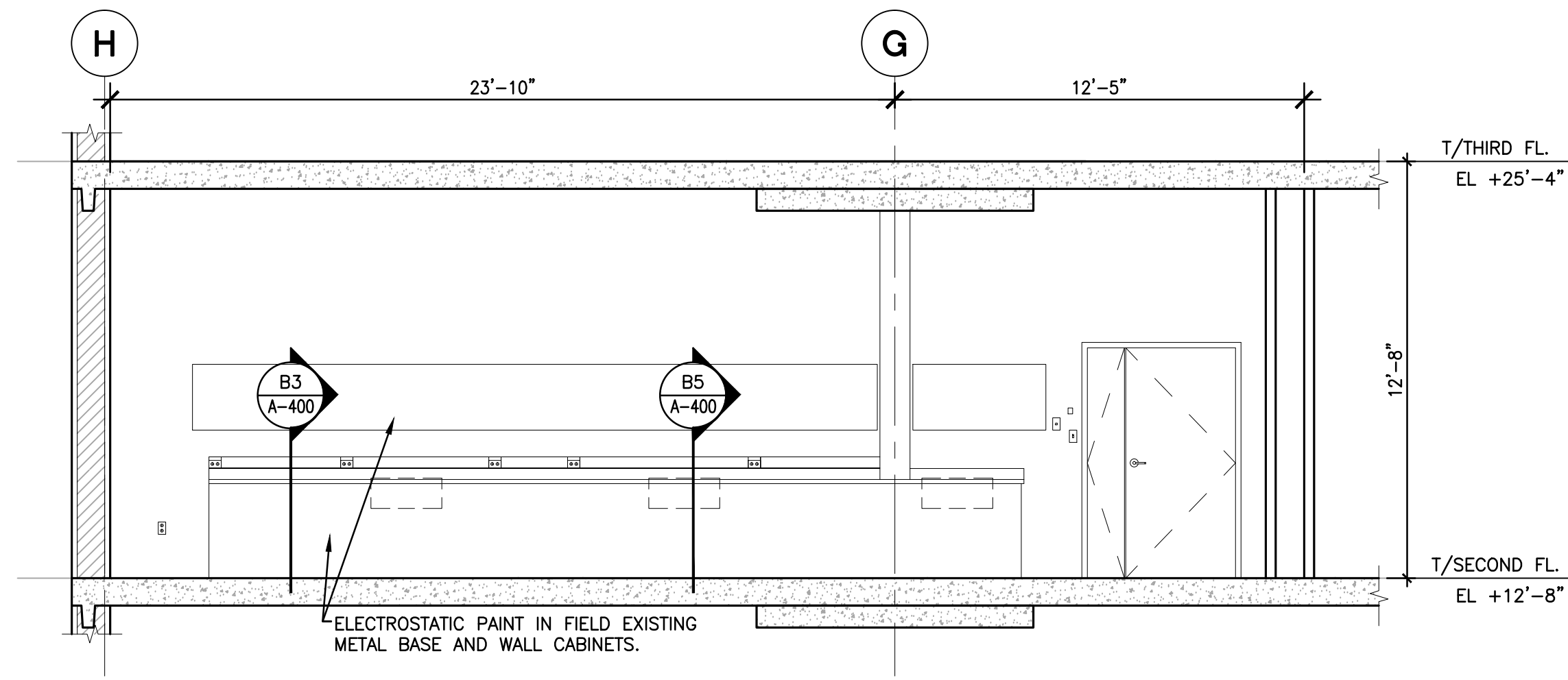
B11 INTERIOR ELEVATION—RM B223 SOUTH
SCALE: 1/4"=1'-0"



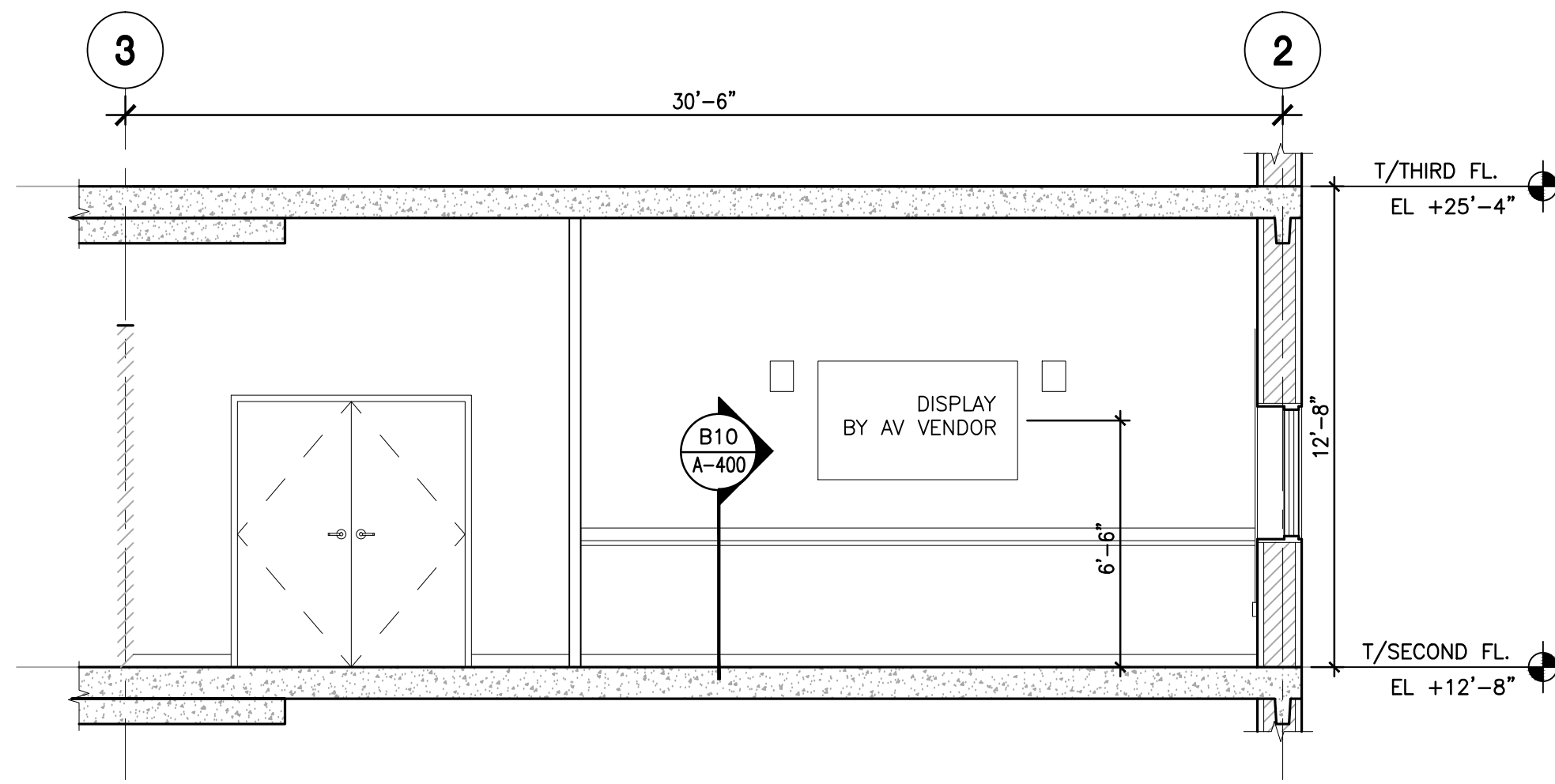
B7 INTERIOR ELEVATION—RM B223 WEST
SCALE: 1/4"=1'-0"



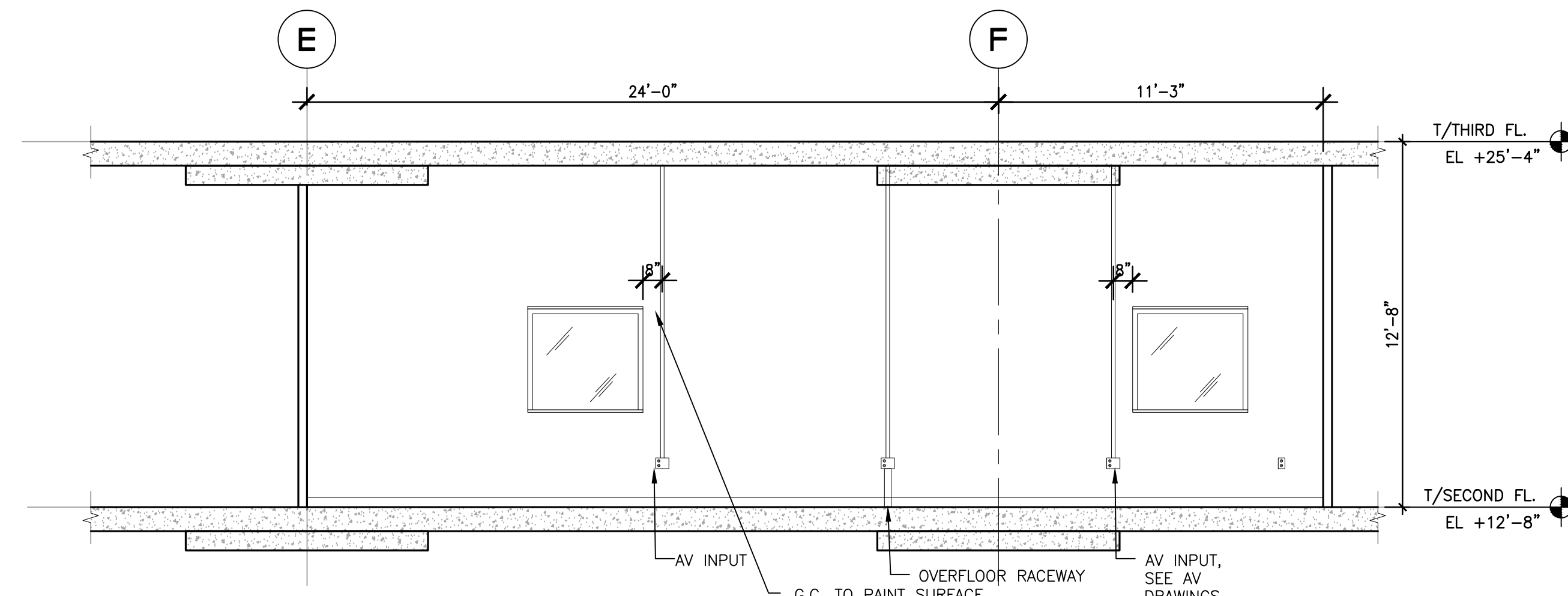
B2 INTERIOR ELEVATION— RM B223 NORTH
SCALE: 1/4"=1'-0"



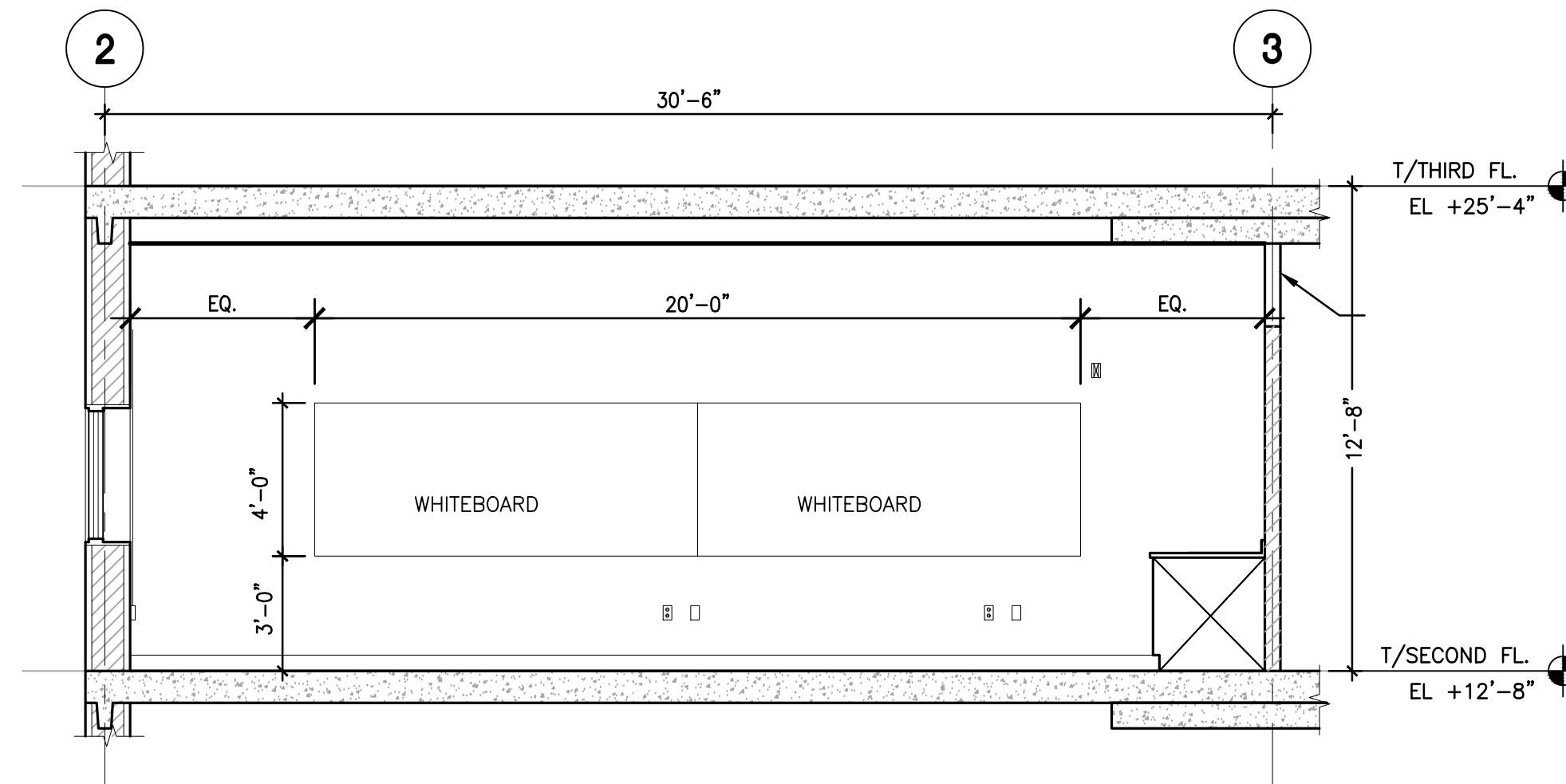
D11 INTERIOR ELEVATION—RM B223 EAST
SCALE: 1/4"=1'-0"



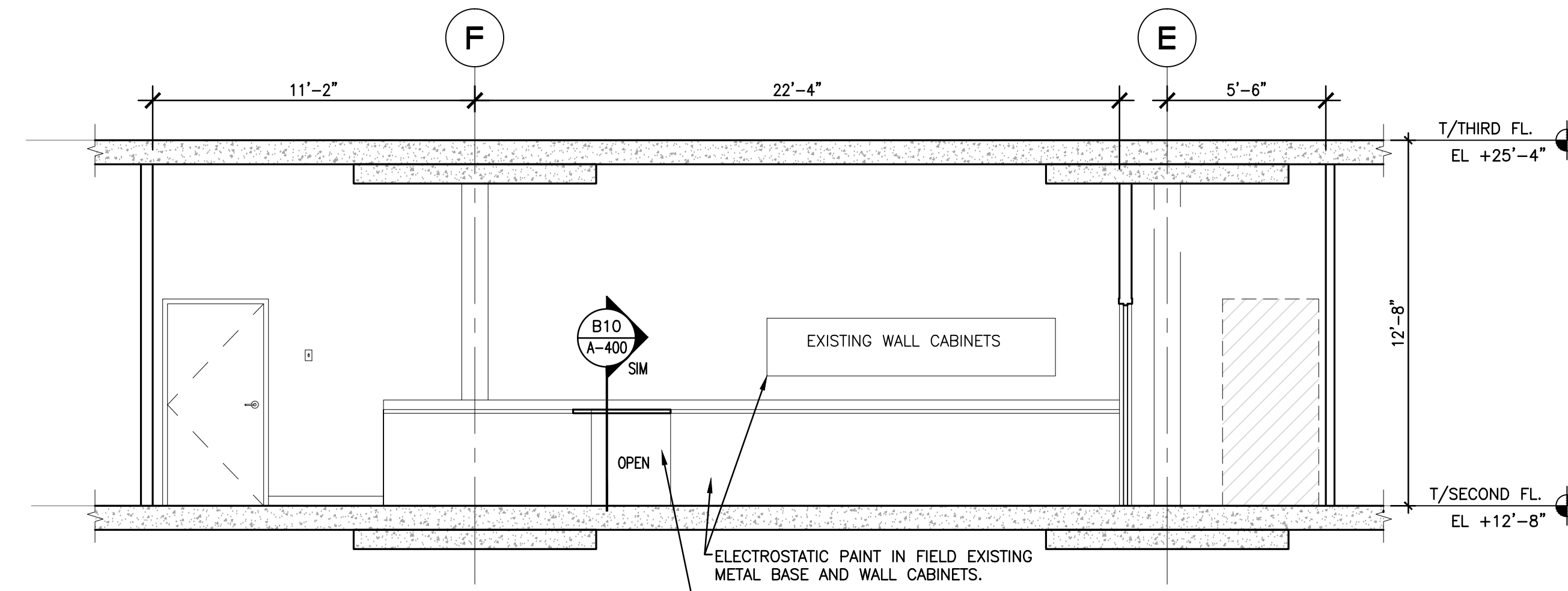
D7 INTERIOR ELEVATION— RM B221 SOUTH
SCALE: 1/4"=1'-0"



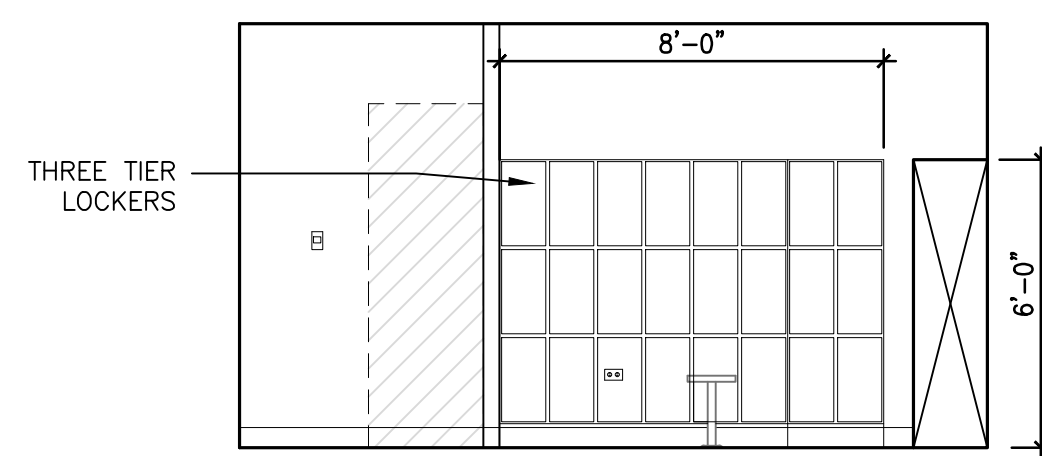
D2 INTERIOR ELEVATION— RM B221 WEST
SCALE: 1/4"=1'-0"



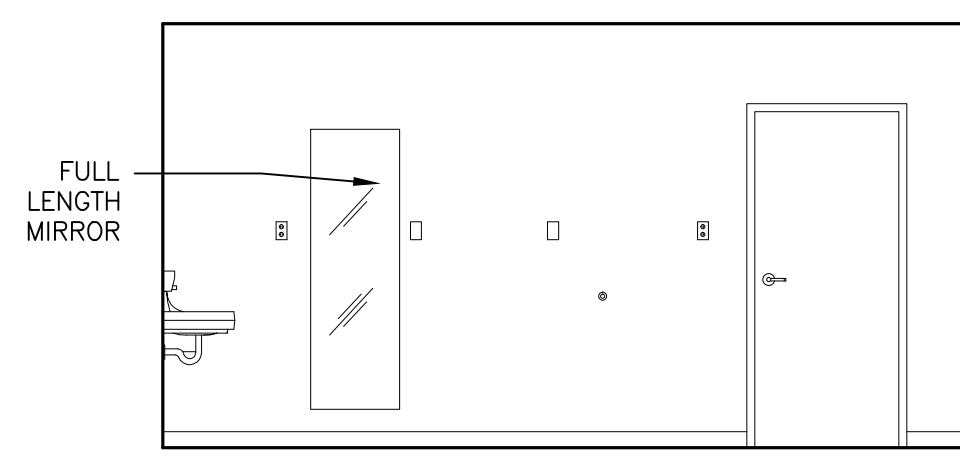
F7 INTERIOR ELEVATION— RM B221 NORTH
SCALE: 1/4"=1'-0"



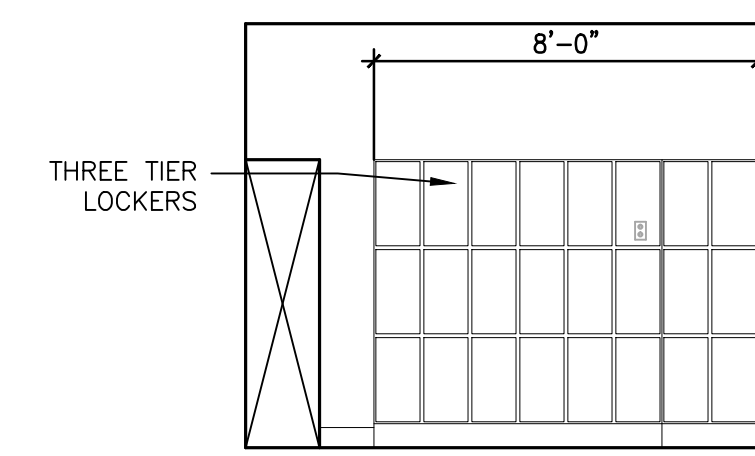
F2 INTERIOR ELEVATION— RM B221 EAST
SCALE: 1/4"=1'-0"



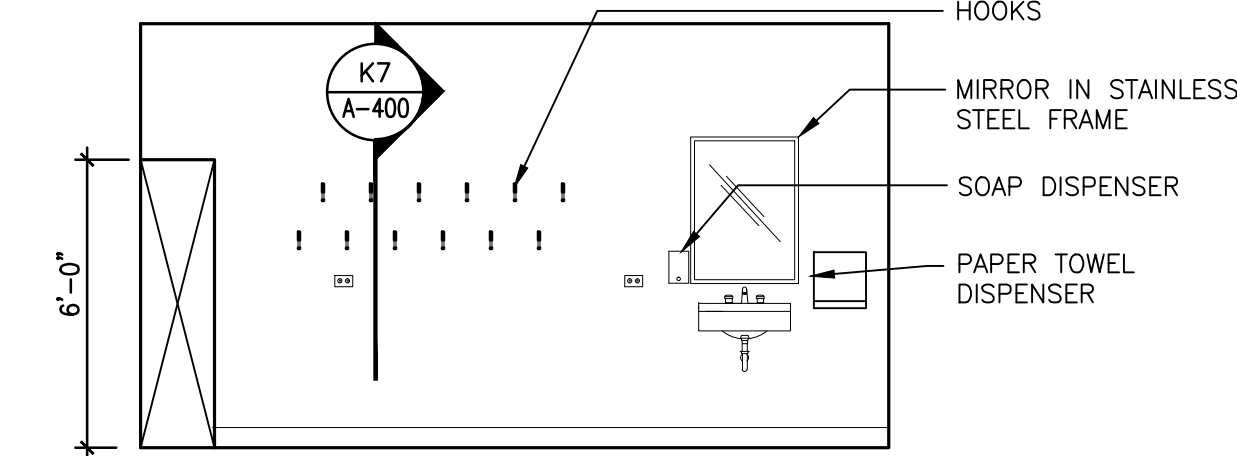
H7 ELEV— RM B222B NORTH
SCALE: 1/4"=1'-0"



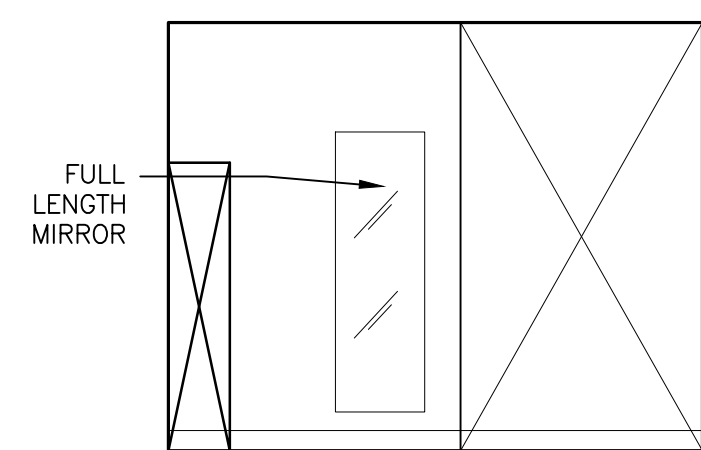
H6 ELEV— RM B222B WEST
SCALE: 1/4"=1'-0"



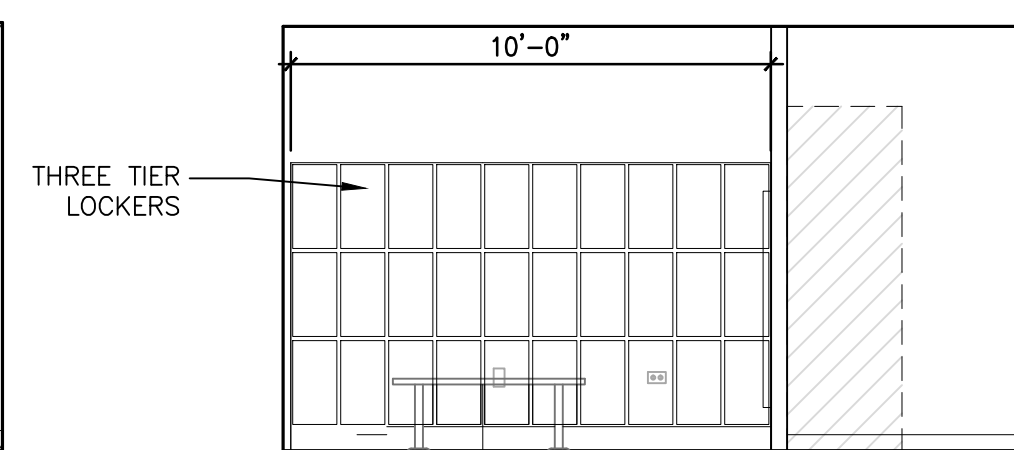
H4 ELEV— RM B222B EAST
SCALE: 1/4"=1'-0"



H2 ELEV— RM B222B SOUTH
SCALE: 1/4"=1'-0"



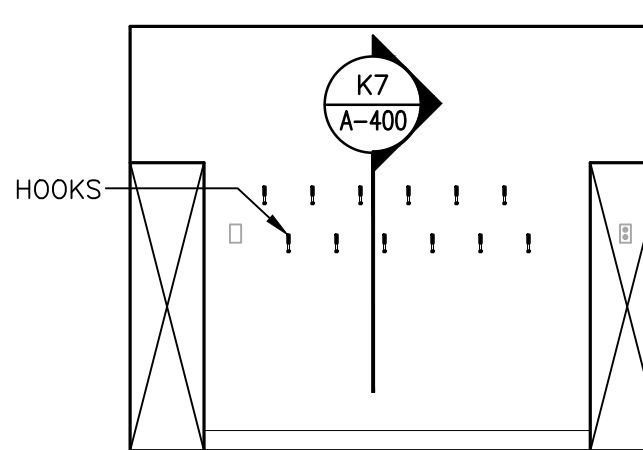
K9 ELEV— RM B222A WEST
SCALE: 1/4"=1'-0"



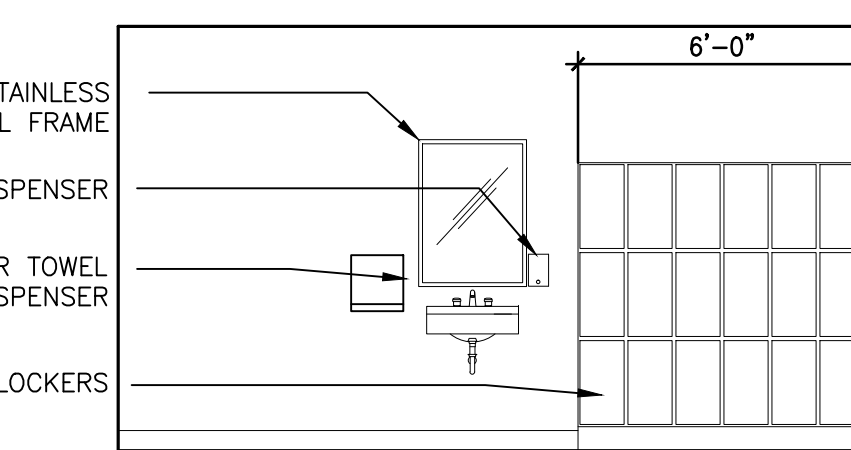
K7 ELEV— RM B222A NORTH
SCALE: 1/4"=1'-0"



K6 ELEV— RM B222A WEST
SCALE: 1/4"=1'-0"



K4 ELEV— RM B222A EAST
SCALE: 1/4"=1'-0"



K2 ELEV— RM B222A NORTH
SCALE: 1/4"=1'-0"

General Notes

No.	Description	Date
6	ISSUED FOR ADDENDUM 1	10/03/2016
5	100% CD/ ISSUED FOR BD	9/16/2016
4	95% CONSTRUCTION DOCUMENTS	9/01/2016
3	FOR OWNER'S REVIEW	8/09/2016
2	90% CONSTRUCTION DOCUMENTS	7/01/2016
1	SCHEMATIC DESIGN	5/28/2016

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Drawing Title

INTERIOR ELEVATIONS
AREA B NORTH

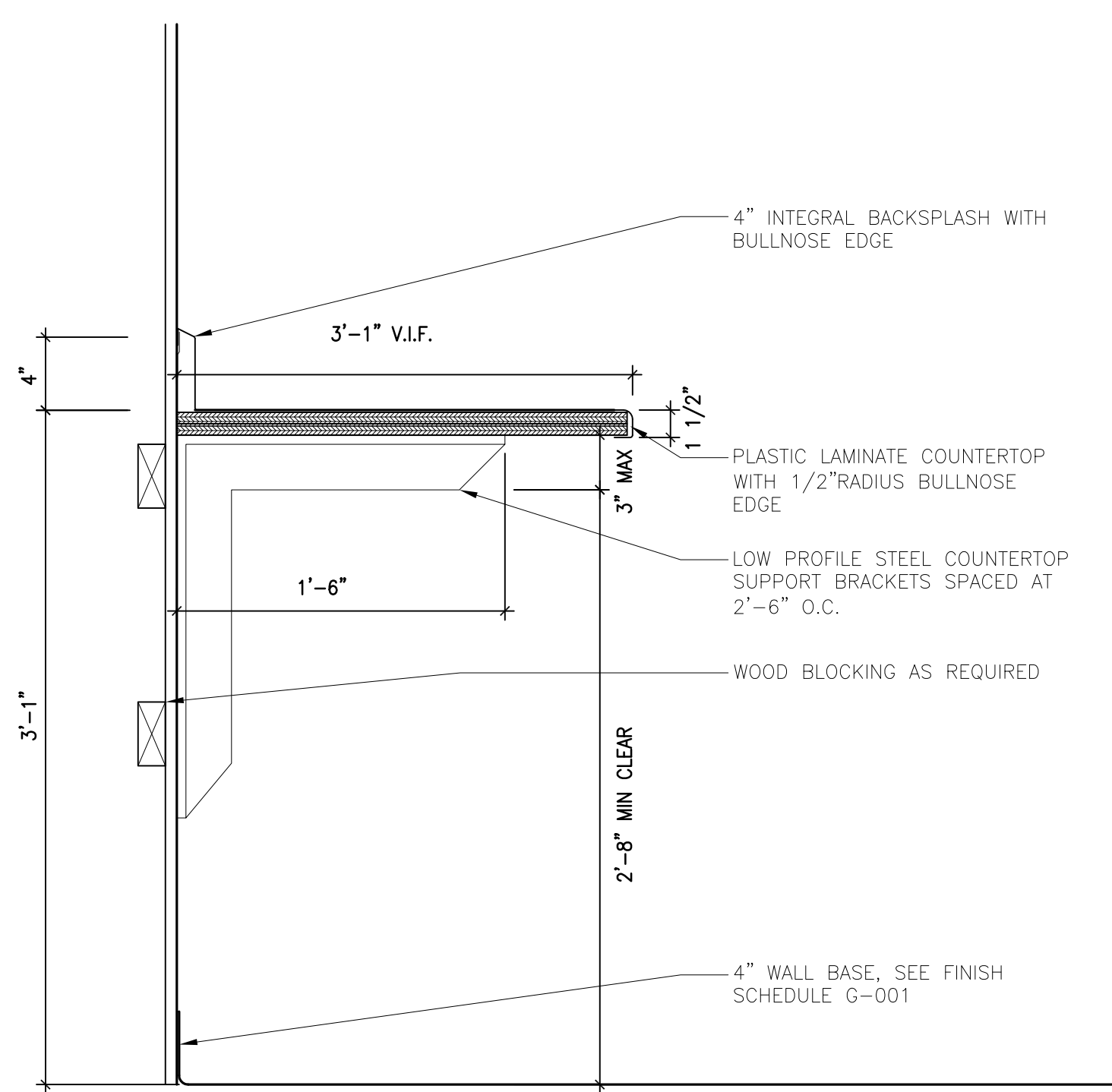
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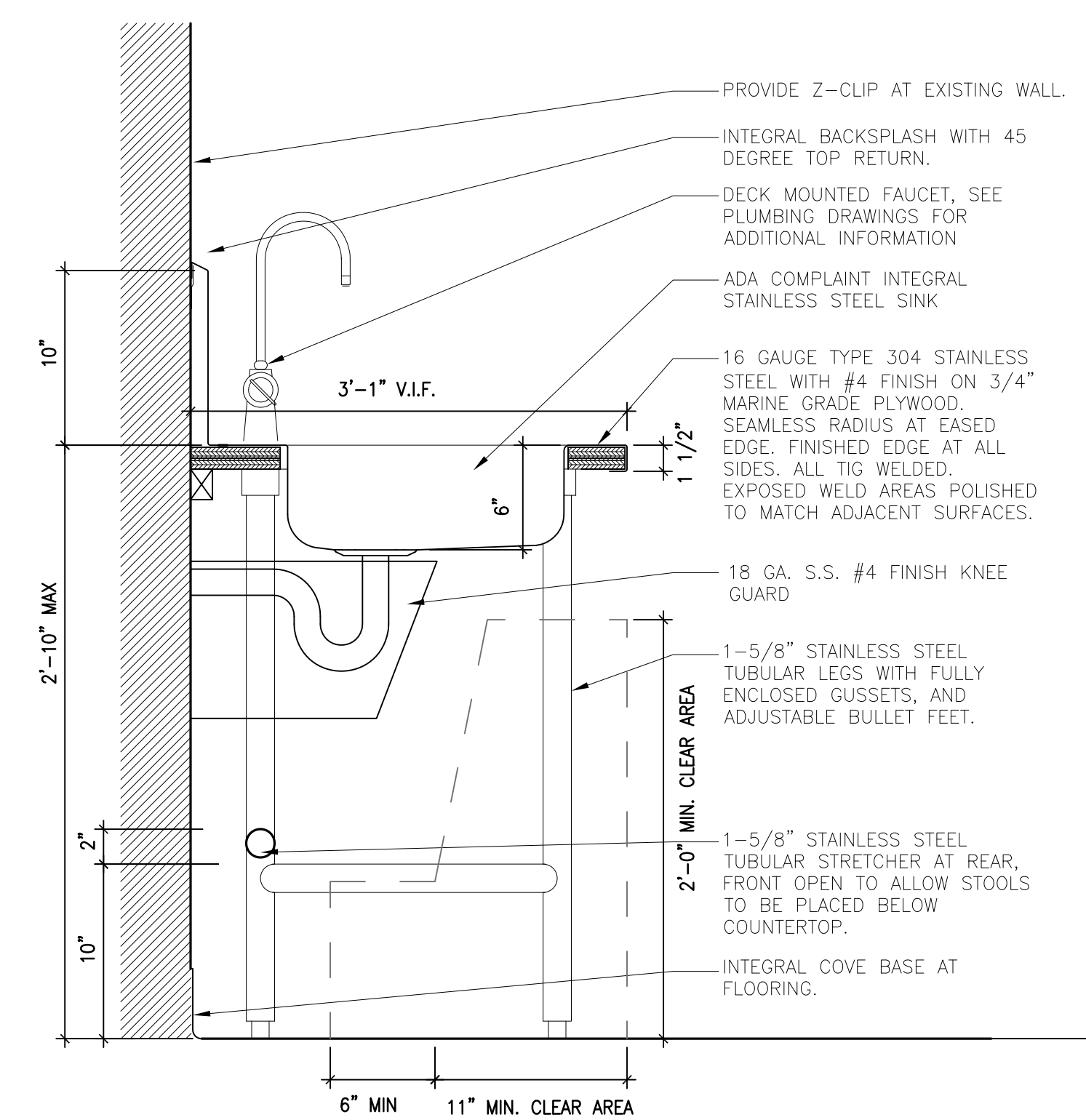
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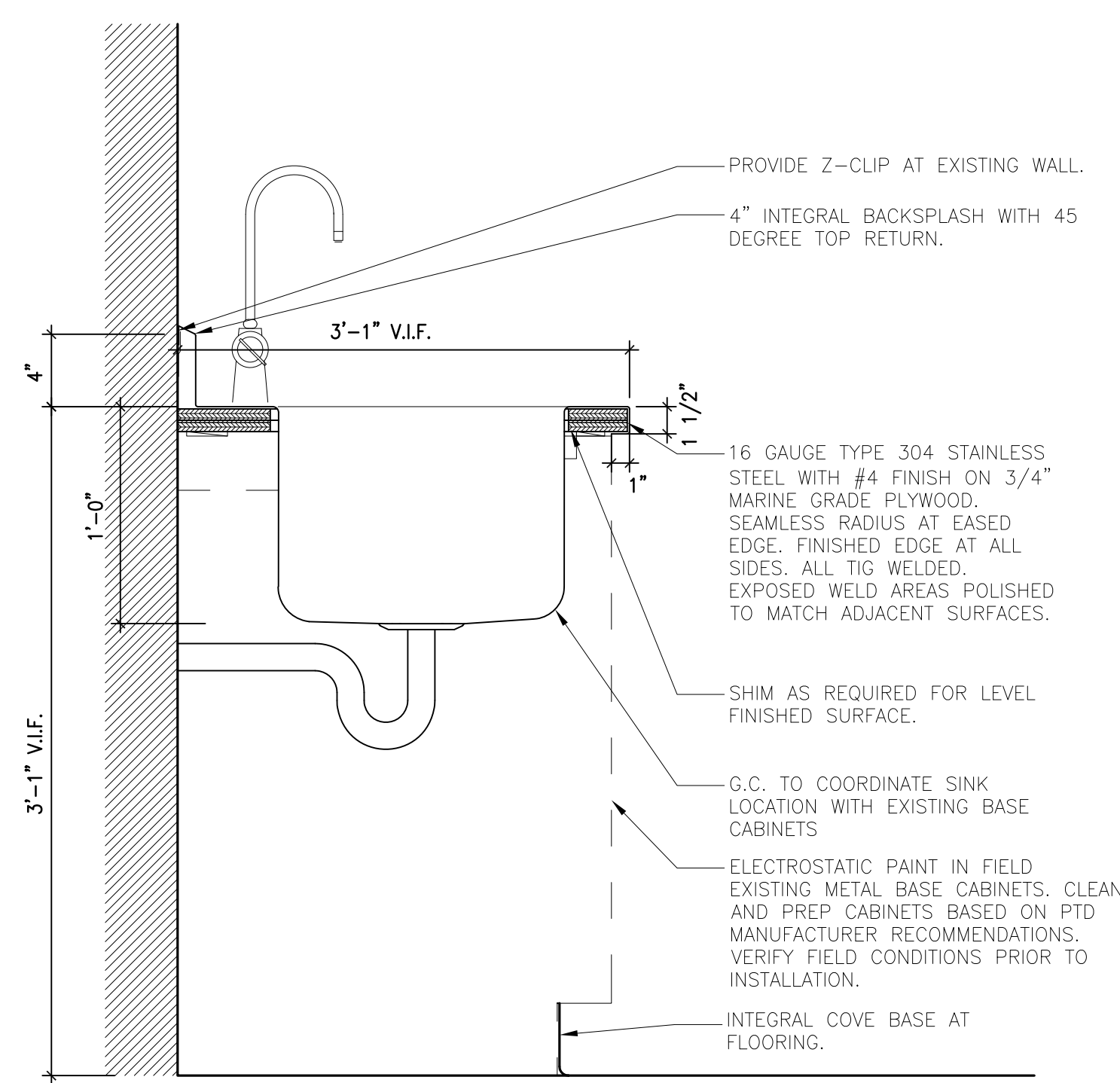
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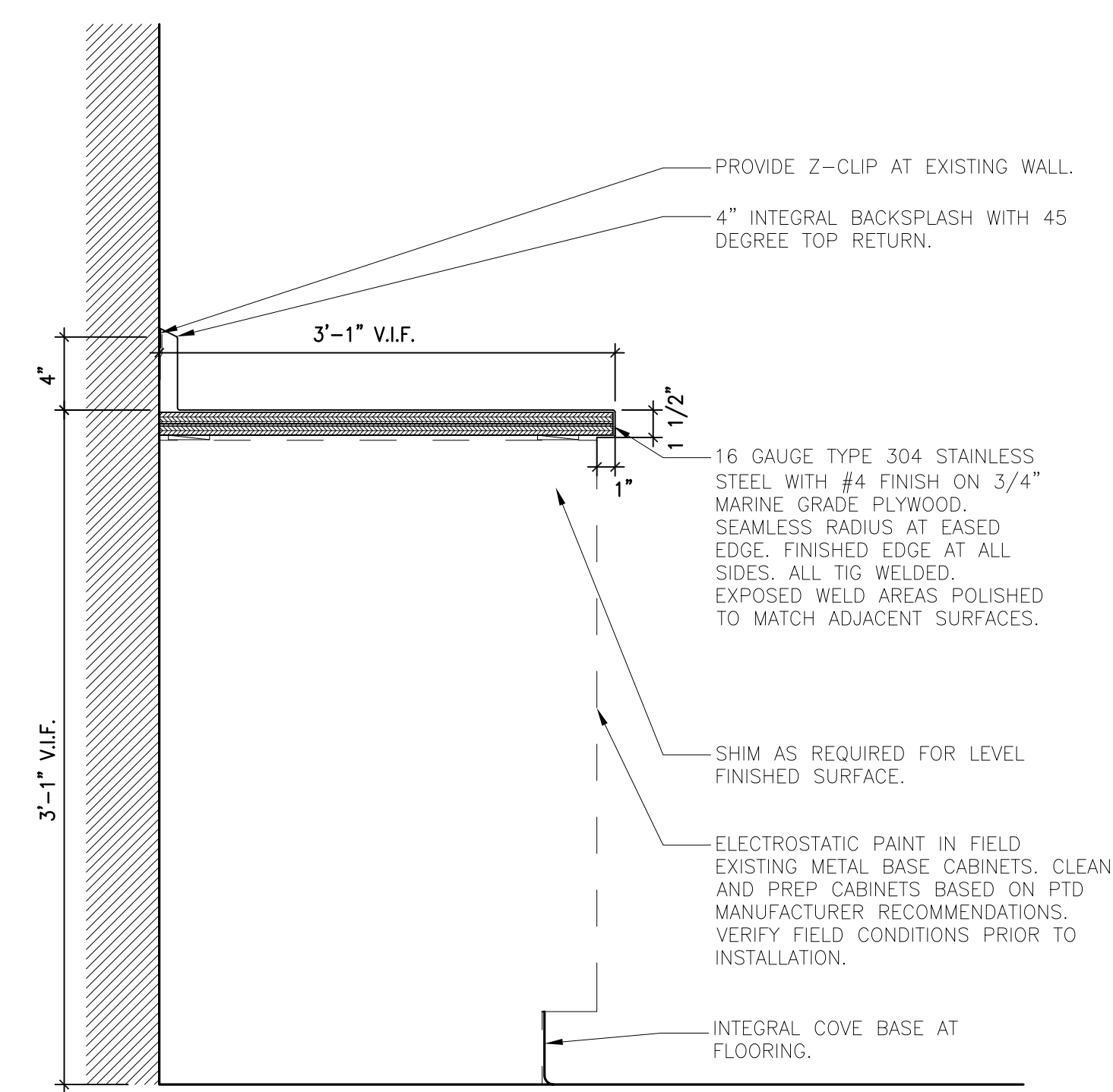
B10 MILLWORK SECTION-COUNTERTOP
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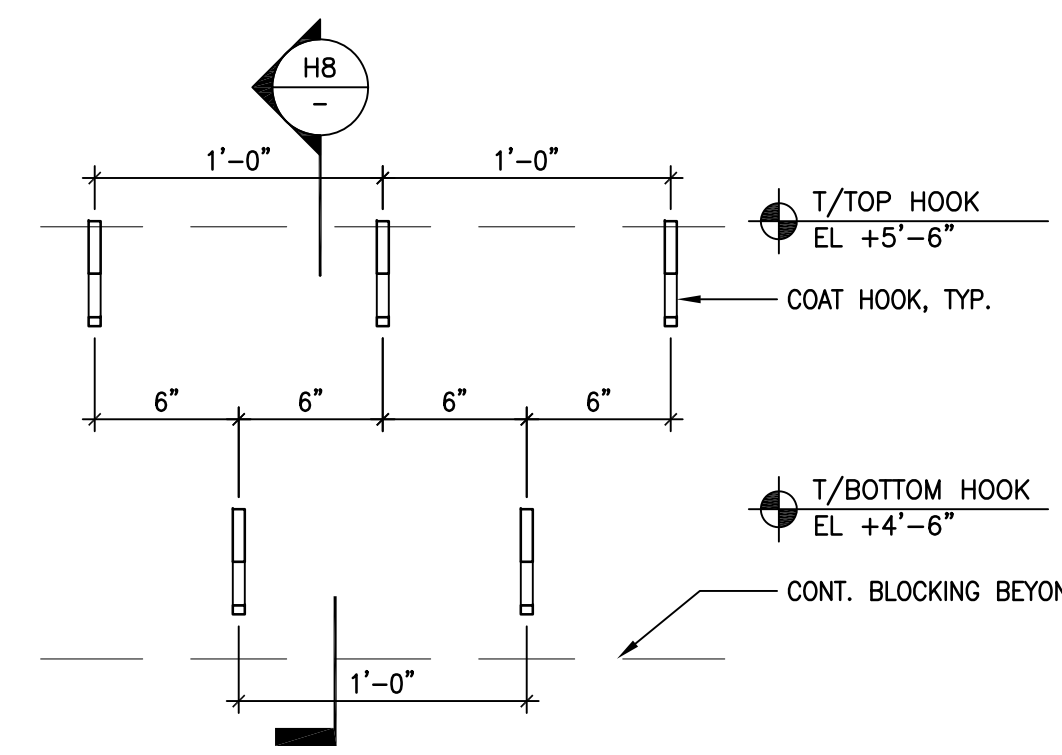
B8 MILLWORK SECTION—ACCESSIBLE SINK
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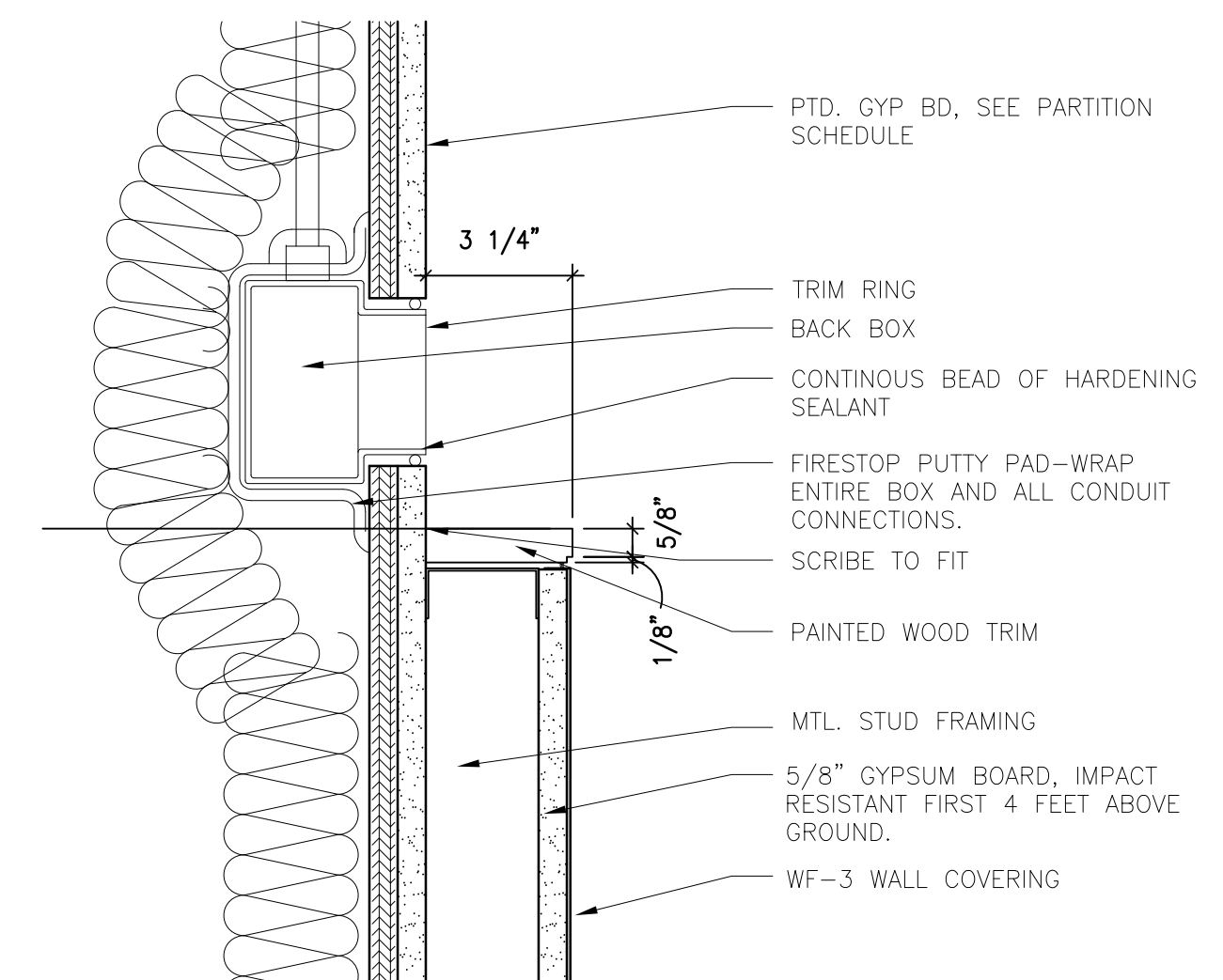
B5 MILLWORK SECTION—SINK
SCALE: 1-1/2"=1'-0"



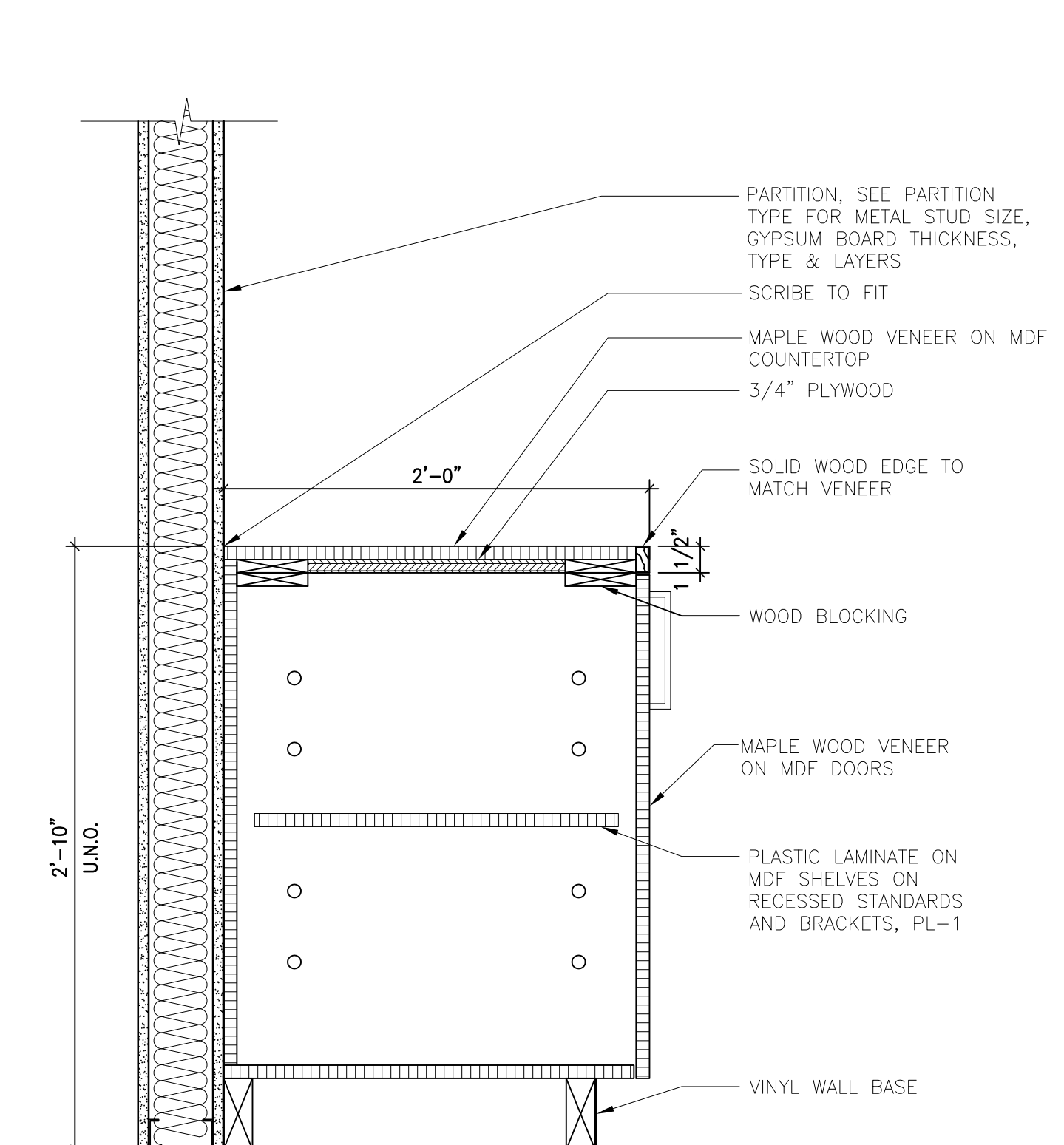
B3 MILLWORK SECTION—EXISTING CABINETS
SCALE: 1-1/2"=1'-0"



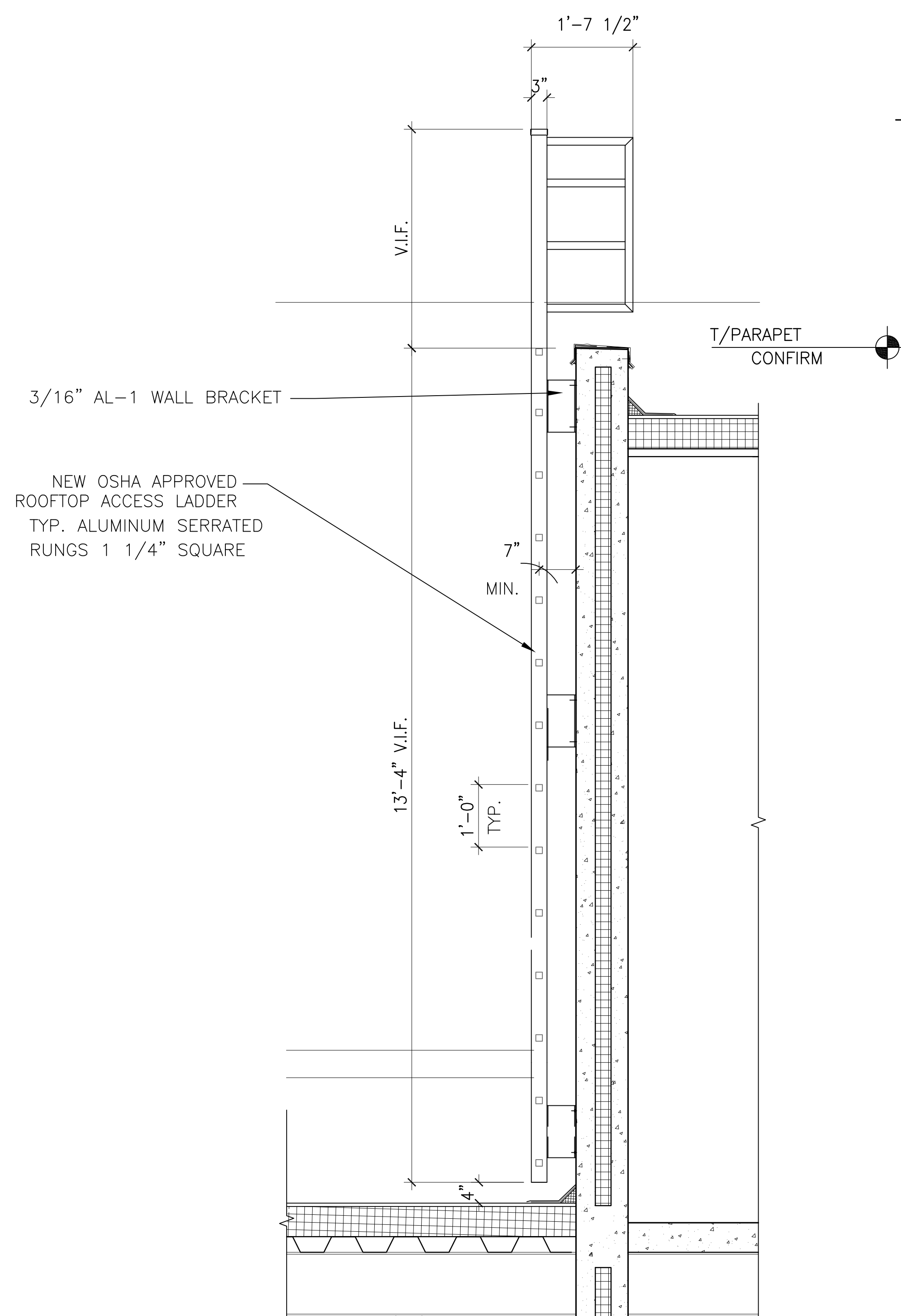
D5 HOOKS AT LOCKER ROOMS
SCALE: 1-1/2"=1'-0"



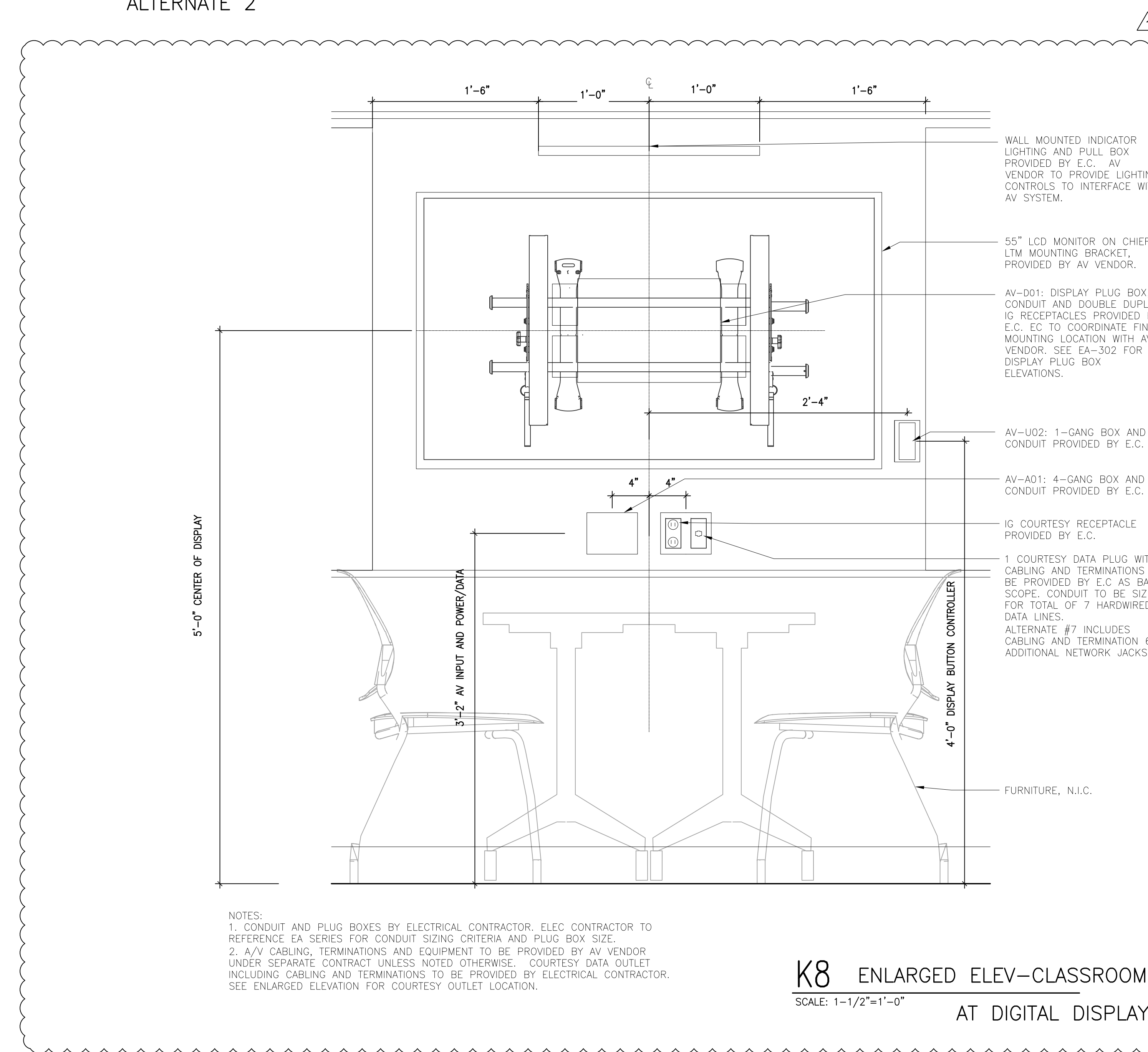
K1 SECTION DETAIL
SCALE: 3"=1'-0"



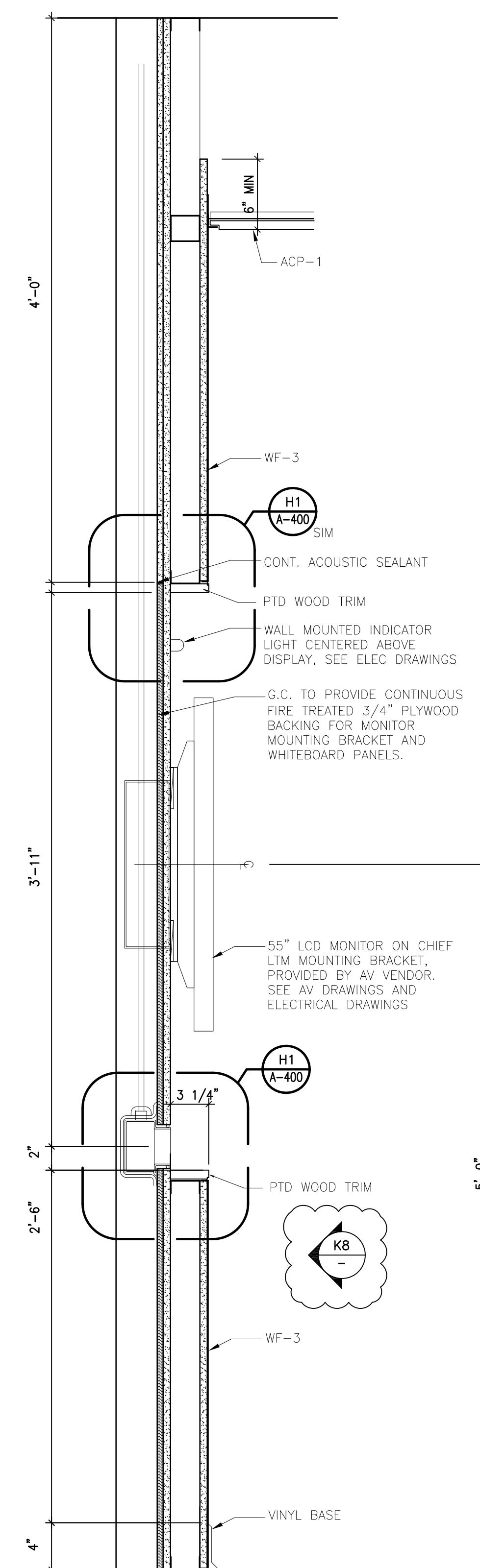
K5 MILLWORK SECTION—CLASSROOM
SCALE: 1-1/2"=1'-0"
ALTERNATE 2



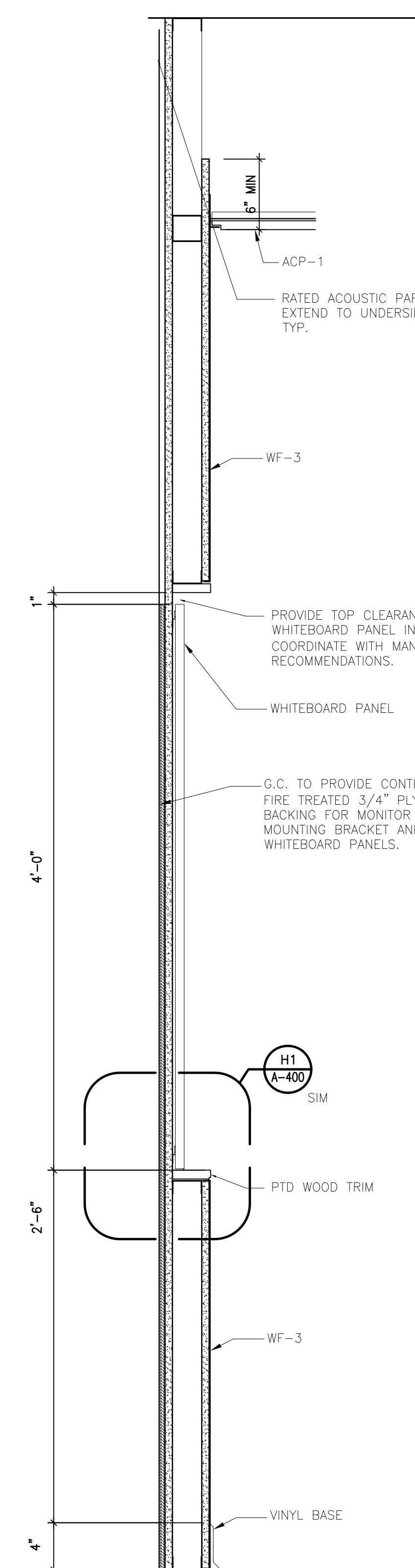
K10 ROOF LADDER AT THIRD FLOOR
SCALE: 1-1/2"=1'-0" ALTERNATE 6



K8 ENLARGED ELEV-CLASSROOM
SCALE: 1-1/2"=1'-0"
AT DIGITAL DISPLAY



K3 MILLWORK SECTION—CLASSROOM
SCALE: 1-1/2"=1'-0" AT DIGITAL DISPLAY



K2 MILLWORK SECTION—CLASSROOM
SCALE: 1-1/2"=1'-0"
AT WHITEBOARD

F			
A	6	ISSUED FOR ADDENDUM 1	10/03/2016
	5	100% CD/ ISSUED FOR BD	9/15/2016
	4	95% CONSTRUCTION DOCUMENTS	8/01/2016
	3	FOR OWNER'S REVIEW	8/09/2016
	2	50% CONSTRUCTION DOCUMENTS	7/01/2016
	1	SCHEMATIC DESIGN	6/26/2016
No.		DISEMINATION	2/14/16

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SECTION DETAILS

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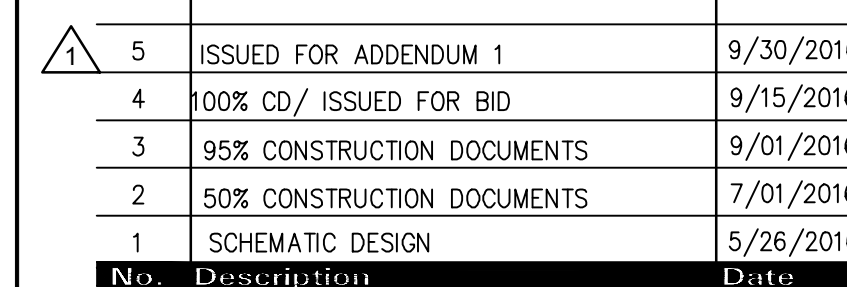
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Job Number **A-400**

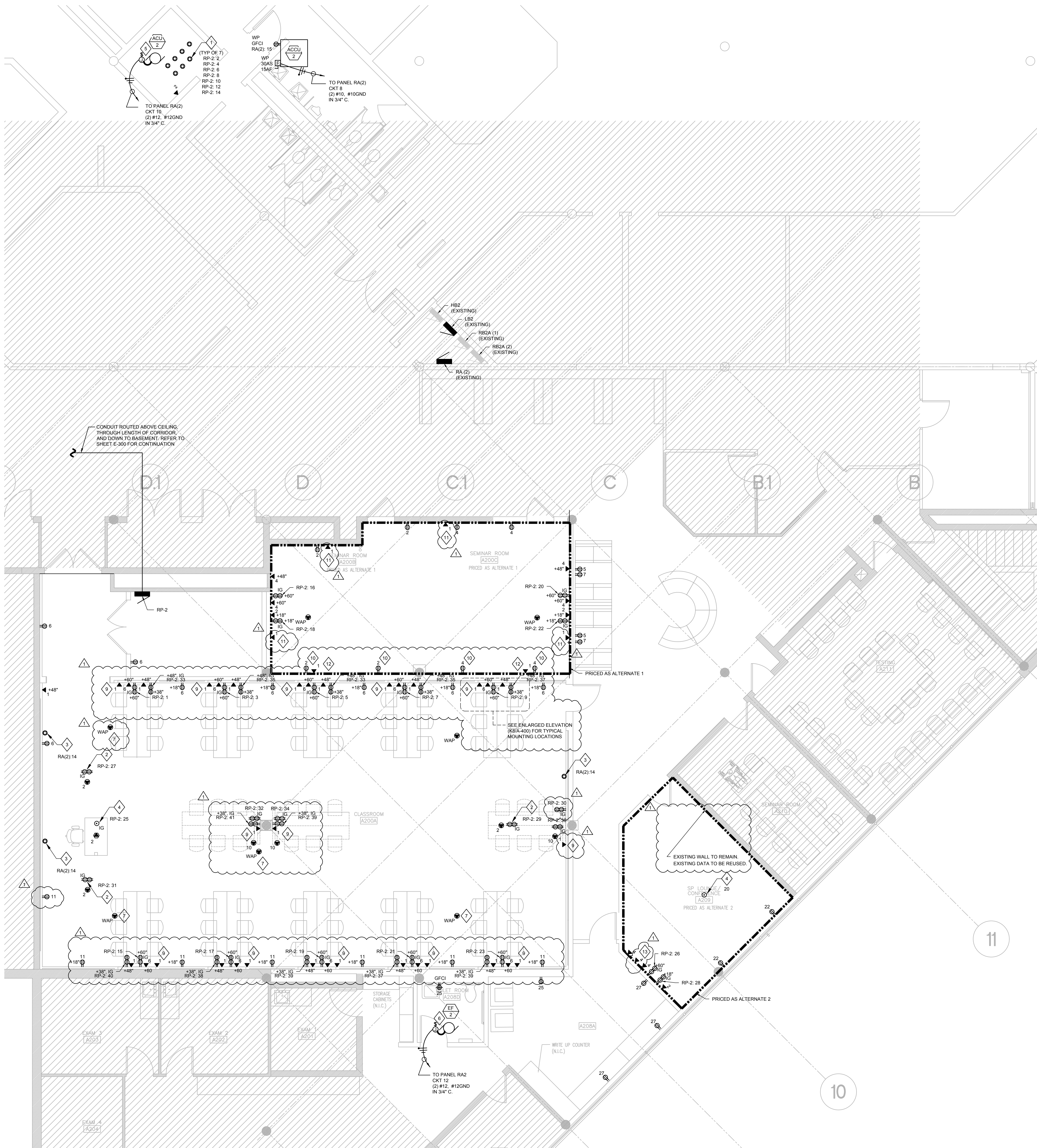
FILE NAME:



1. PROVIDE CEILING MOUNTED QUAD RECEPTACLE FOR CEILING MOUNTED MONITORS.
2. PROVIDE WIREMOLED 4000 SERIES RACEWAY MOUNTED TO WALL. POWER TO BE FED FROM ABOVE CEILING. RACEWAY SHALL TRANSITION TO WIREMOLED DFR SERIES AT FLOOR. PROVIDE TWO DUPLEX RECEPTACLES AND DATA/V AV RECEPTACLES AS REQUIRED BY AUI DRAWINGS.
3. PROVIDE CEILING MOUNTED DUPLEX RECEPTACLE. PROVIDE CEILING MOUNTED HEAVY DUTY RETRACTABLE EXTENSION CORD WITH RECEPTACLE. CORD SHALL BE #12 AWG, 30' MINIMUM LENGTH AND RECEPTACLE SHALL BE 120V, 20A, DUPLEX OUTLET BOX. UTILIZE REELECT R# 454-1237-78 OR APPROVED EQUAL.
4. PROVIDE 120/240V CONNECTION TO AUI EQUIPMENT RACK.
5. REPLACE EXISTING RECEPTACLE WITH NEW. IN EXISTING SURFACE MOUNTED RACEWAY. PROVIDE RECEPTACLE COVER PLATES AND ANY OTHER REQUIRED ACCESSORIES FOR RACEWAY WHERE REQUIRED TO PROVIDE A FUNCTIONAL RACEWAY SYSTEM.
6. TEST EXISTING FLOOR OUTLETS. REPLACE ANY NON-FUNCTIONING RECEPTACLES. EXISTING FLOOR OUTLETS TO BE RE-USED.
7. EXISTING FLOOR OUTLETS TO REMAIN.
8. PROVIDE 120/240V CONNECTION TO ACU-1. PROVIDE NEW 15A/1P BREAKER IN PANEL. PROVIDE MOTOR RATED DISCONNECT SWITCH CAPABLE OF BEING LOCKED IN THE OFF POSITION.
9. REPLACE EXISTING RECEPTACLE WITH NEW. PROVIDE NEW COVER PLATE.
10. PROVIDE 4"x4" JUNCTION BOX WITH 3/4" CONDUIT ROUTED TO NEAREST CABLE TRAY FOR WIRELESS ACCESS POINT ELECTRICAL CONNECTION. PROVIDE CABLE AND TERMINATIONS FROM DEVICE TO IDF CLOSET. WIRELESS ACCESS POINTS TO BE FURNISHED BY OTHERS.
11. PROVIDE 5" SQUARE JUNCTION BOX WITH CONDUIT ROUTED ABOVE CEILING TO NEAREST CABLE TRAY. PROVIDE ONE (1) CABLE AND TERMINATIONS FROM DEVICE TO IDF CLOSET.



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Job Number
215-1055



GENERAL POWER NOTES:

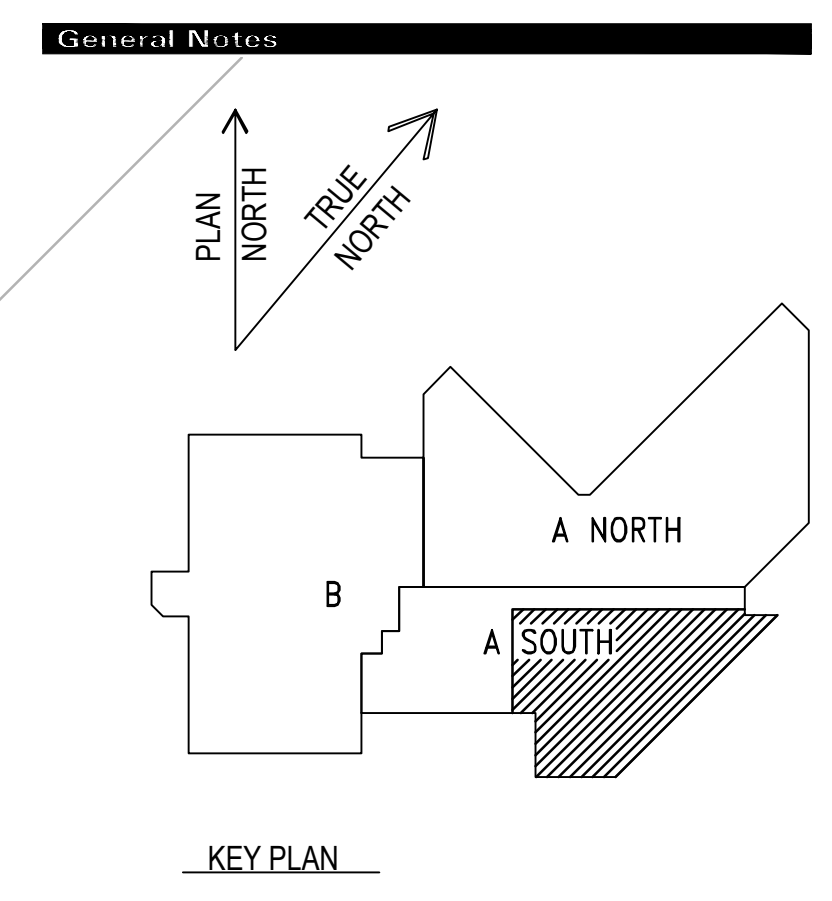
1. ALL IDF & MDF ROOMS SHALL COMPLY WITH UIC IT FACILITY STANDARDS.
2. CONDUCTOR SIZES ARE BASED ON COPPER THHN/THWN IN METALLIC RACEWAY. 60°C CONDUCTOR USED FOR AMPERAGES LESS THAN 100. 75°C CONDUCTOR USED FOR AMPERAGES GREATER THAN OR EQUAL TO 100.
3. VERIFY EQUIPMENT LOCATIONS AND CONDUCTOR LENGTHS PRIOR TO INSTALLATION. CONSULT ENGINEER IF INCREASED CONDUCTOR LENGTHS RESULT IN UNACCEPTABLE VOLTAGE DROP (5% OR GREATER).
4. ALL RACEWAYS ARE TO CONTAIN NO MORE THAN NINE CURRENT CARRYING CONDUCTORS AND A CODE SIZED EQUIPMENT GROUNDING CONDUCTOR.
5. EACH CIRCUIT IS TO HAVE ITS OWN NEUTRAL. MULTIWIRED BRANCH CIRCUITS ARE NOT ALLOWED.
6. SEAL ALL RACEWAYS AND PENETRATIONS BOTH INTERNALLY AND EXTERNALLY WHERE TRANSITIONS ARE MADE FROM CONDITIONED SPACES TO OUTDOOR OR UNDERGROUND. RACEWAYS ARE TO BE SEALED TO PREVENT AIR, MOISTURE, AND RODENT MIGRATION THROUGH AND AROUND RACEWAYS.
7. COORDINATE FIRE SEPARATION BARRIER PENETRATIONS WITH ARCHITECT'S DRAWINGS. USE APPROVED FIRE STOPPING SEALANT AROUND PENETRATION AFTER RACEWAYS ARE INSTALLED.
8. SEE ARCHITECT'S DRAWINGS FOR ADDITIONAL RECEPTACLE LOCATIONS AND MOUNTING HEIGHTS.
9. ANY CORING INTO THE STRUCTURAL FLOOR SHALL BE PRE-APPROVED AND COORDINATED WITH STRUCTURAL ENGINEER. THE ELECTRICAL CONTRACTOR SHALL X-RAY FLOOR SLAB, PRIOR TO START OF CONSTRUCTION.
10. ALL MECHANICAL, PLUMBING, AND FIRE PROTECTION EQUIPMENT SHOWN ON PLANS ARE TO INDICATE LOCATION. FOR ADDITIONAL MECHANICAL, PLUMBING, AND FIRE PROTECTION COORDINATION INFORMATION INCLUDING CIRCUITS, STARTER, AND MEANS OF DISCONNECT REQUIREMENTS. COORDINATE LOCATION OF ELECTRICAL EQUIPMENT ASSOCIATED WITH MECHANICAL, PLUMBING, AND FIRE PROTECTION EQUIPMENT WITH FINAL ROOM LAYOUT.
11. PROVIDE 120V LIFE SAFETY CONNECTION FOR NOTIFICATION APPLIANCE CIRCUIT PANEL (NAC) FROM NEAREST LIFE SAFETY PANEL. COORDINATE PANEL LOCATIONS WITH FIRE ALARM CONTRACTOR.
12. PROVIDE 3.5" CONCRETE HOUSEKEEPING PAD FOR ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT.
13. COORDINATE MOUNTING OF RECEPTACLES AND LOW VOLTAGE ROUGH-IN WITH FURNITURE PROVIDER AND ARCHITECTURAL ELEVATIONS.
14. REFER TO ARCHITECT'S DRAWINGS FOR EXACT FLOOR BOX LOCATIONS.
15. BACKBOXES & WIRING DEVICES FOUND INSTALLED IN NON-COMPLIANCE WITH ARCHITECTURAL AND ELECTRICAL SHALL BE COMPLETELY REMOVED WITH CONTRACTOR RESPONSIBLE FOR RE-FINISHING WALL PER ARCHITECTURAL SPECIFICATIONS AS REQUIRED BY STAGE OF PROGRESS OF CONSTRUCTION. INSTALLATION OF BLANKOFF PLATES IS NOT ACCEPTABLE.
16. POWER IN THIS AREA SHALL BE SERVED FROM:
NORMAL PANEL RA2
ISOLATED GROUND: PANEL RP-2
17. REFER TO AV DRAWINGS (EA SERIES) FOR CONDUIT SPACING AND ADDITIONAL CONDUIT SIZING REQUIREMENTS.
18. SEE AV DRAWINGS FOR INFORMATION ON JUNCTION BOX TYPES FOR ALL IG RECEPTACLES.
19. CABLING AND TERMINATIONS FOR AV TO BE PROVIDED BY AV CONTRACTOR. RACEWAY AND BOXES FOR AV SYSTEMS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. REFER TO AV DRAWINGS (EA SERIES) FOR REQUIREMENTS.
20. ALL CIRCUITS SERVING ISOLATED GROUND RECEPTACLES SHALL BE ROUTED IN SEPARATE RACEWAY FROM NON-ISOLATED GROUND CIRCUITS.
21. EACH ISOLATED GROUND CIRCUIT SHALL BE PROVIDED WITH #10 AWG CONDUCTORS FOR HOT AND NEUTRALS. #8 ISOLATED GND CONDUCTOR AND EQUIPMENT GROUND SIZED ACCORDING TO NEC.
22. CONDUIT FILL FOR DATA CONDUITS SHALL COMPLY WITH GOVERNING CODE AND APPLICABLE MANUFACTURERS RECOMMENDATIONS.

POWER KEYED NOTES:

1. PROVIDE 120V CONNECTION TO AV RACK.
2. PROVIDE CEILING MOUNTED DUPLEX RECEPTACLE FOR CEILING MOUNTED PROJECTOR.
3. PROVIDE CONNECTION TO CEILING MOUNTED MOTORIZED PROJECTOR SCREEN. PROVIDE CONDUIT FROM PROJECTOR SCREEN TO CONTROL. VERIFY LOCATION OF CONTROLS WITH OWNER.
4. FLOOR POKE-THRU FURNITURE FEED BOX. PROVIDE CONNECTION FROM FURNITURE FEED BOX TO FURNITURE MOUNTED RECEPTACLES.
5. PROVIDE 120V/10 CONNECTION TO ACU-2. PROVIDE NEW 15A/1P BREAKER IN PANEL. PROVIDE MOTOR RATED DISCONNECT SWITCH CAPABLE OF BEING LOCKED IN THE OFF POSITION.
6. PROVIDE 120V/10 CONNECTION TO EF-2. PROVIDE NEW 15A/1P BREAKER IN PANEL. PROVIDE MOTOR RATED DISCONNECT SWITCH CAPABLE OF BEING LOCKED IN THE OFF POSITION.
7. PROVIDE 4"x4" JUNCTION BOX WITH 3/4" CONDUIT ROUTED TO NEAREST CABLE TRAY FOR WIRELESS ACCESS POINT. ELECTRICAL CONTRACTOR TO PROVIDE CABLING AND TERMINATIONS FROM DEVICE TO IDF CLOSET. WIRELESS ACCESS POINT IS FURNISHED AND INSTALLED BY OWNER.
8. COORDINATE EXACT LOCATION OF ACU-2 WITH MECHANICAL CONTRACTOR.
9. PROVIDE 9" SQUARE JUNCTION BOX WITH CONDUIT ROUTED ABOVE CEILING TO NEAREST CABLE TRAY. PROVIDE ONE (1) CABLE AND TERMINATIONS FROM DEVICE TO IDF CLOSET. SIZE RACEWAY FOR SEVEN (7) CABLES.
10. DUPLEX RECEPTACLE IN FIRE RATED WALL INCLUDED AS PART OF BASE SCOPE. EC TO PROVIDE FIRESTOPPING AS REQUIRED BY CODE. REFER TO ARCHITECTURAL DRAWINGS FOR WALL RATINGS.
11. PROVIDE 5" SQUARE JUNCTION BOX WITH CONDUIT ROUTED ABOVE CEILING TO NEAREST CABLE TRAY. SIZE RACEWAY FOR SEVEN (7) CABLES. PROVIDE ONE (1) CABLE WITH TERMINATIONS FROM DEVICE TO IDF CLOSET. TO BE PRICED AS ALTERNATE 1.
12. PROVIDE 5" SQUARE JUNCTION BOX WITH CONDUIT AND PULL STRING ROUTED ABOVE CEILING TO NEAREST CABLE TRAY. SIZE RACEWAY FOR SEVEN (7) CABLES. PROVIDE FIRESTOPPING AS REQUIRED BY CODE. REFER TO ARCHITECTURAL DRAWINGS FOR WALL RATINGS.
13. PROVIDE 5" SQUARE JUNCTION BOX WITH CONDUIT AND PULL STRING ROUTED ABOVE CEILING TO NEAREST CABLE TRAY. SIZE RACEWAY FOR SEVEN (7) CABLES. PROVIDE ONE (1) CABLE WITH TERMINATIONS FROM DEVICE TO IDF CLOSET. TO BE PRICED AS ALTERNATE 2.

ALTERNATES:

1. PROVIDE WORK SHOWN FOR DATA OUTLETS TAGGED WITH KEYED NOTE 11.
2. PROVIDE WORK SHOWN FOR DATA OUTLETS TAGGED WITH KEYED NOTE 13.
7. PROVIDE PRICING FOR PROVIDING SIX(6) ADDITIONAL CABLES TO IDF CLOSET AND TERMINATIONS FOR DATA OUTLETS TAGGED WITH KEYED NOTE 9. PROVIDE CABLING AND TERMINATIONS FOR ALL DATA DEVICES SHOWN IN PLAN.



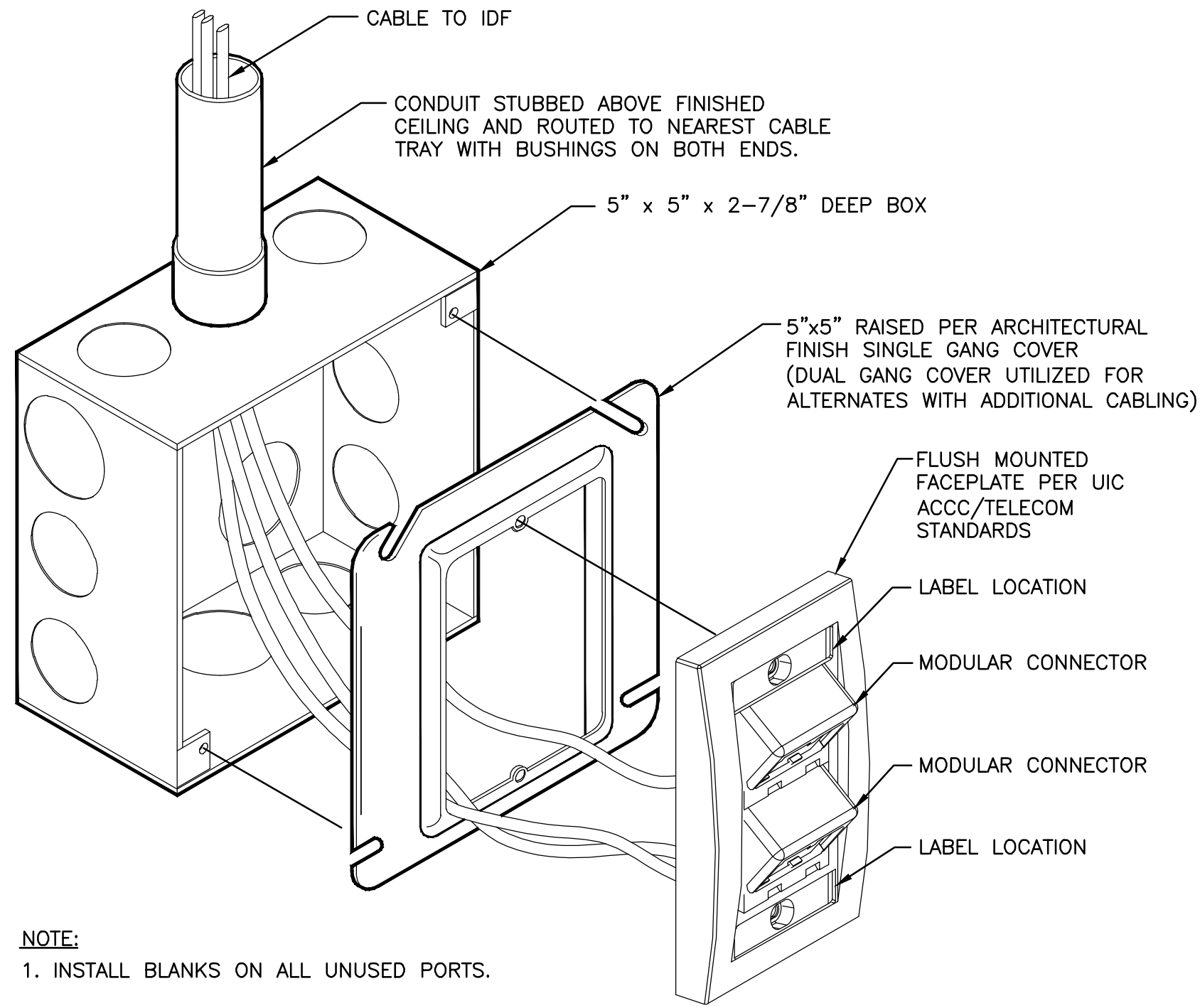
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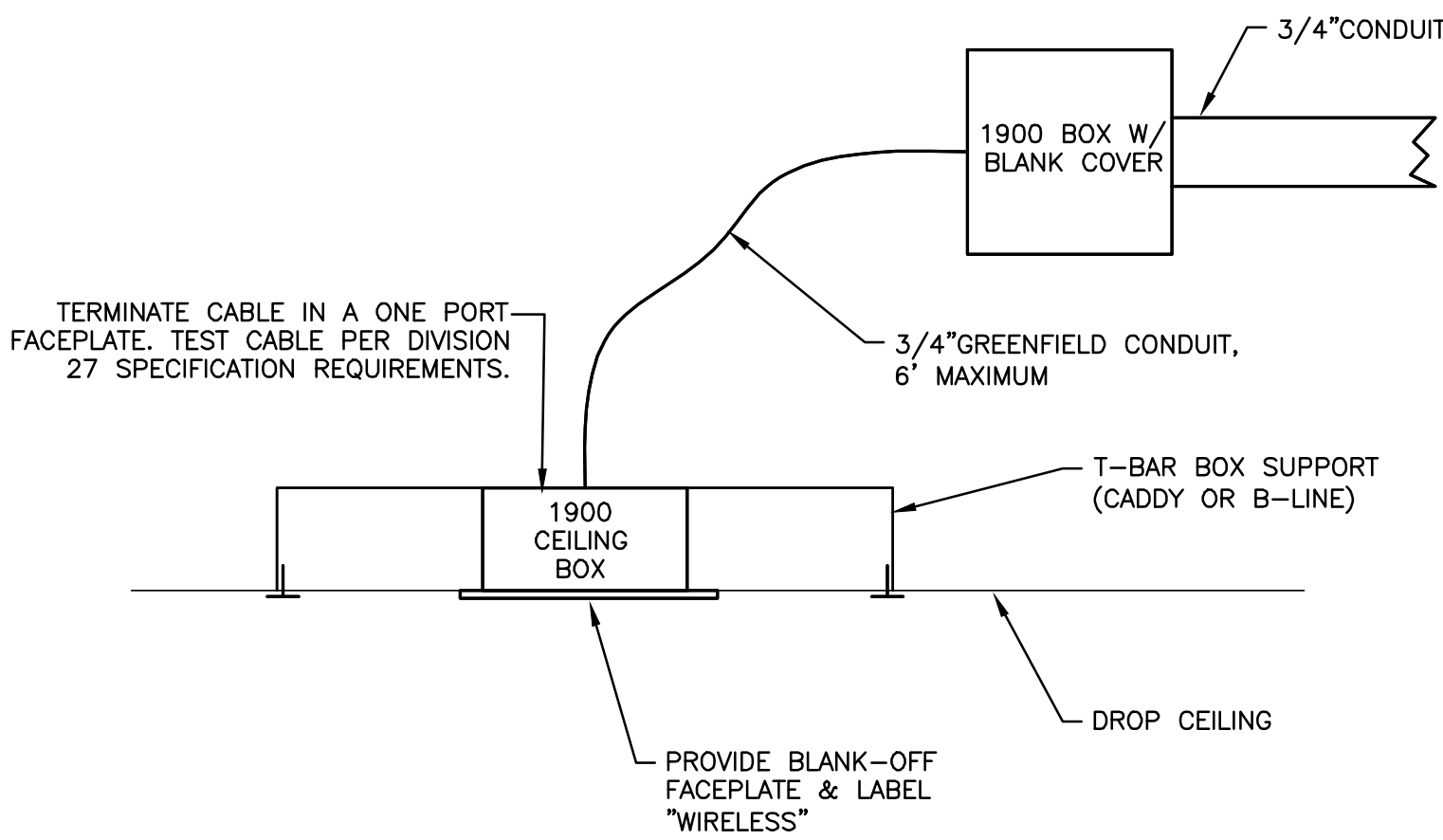
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Affiliated Engineers, Inc.
10 South La Salle Street
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SECOND FLOOR ELECTRICAL PLAN AREA 'A' SOUTH
K1
Checked By: Drawing Number:
Approved:
Job Number:
215-1055

E-202



2 TYPICAL FACEPLATE MOUNTING
SCALE: N.T.S



1 WIRELESS ACCESS POINT DETAIL
SCALE: N.T.S

General Notes

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Drawing Title

ELECTRICAL
DETAILS

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Job Number
215-1055

E-801

FILE NAME: FM

LUMINAIRE SCHEDULE												
Type	Description	Manufacturer	Catalog Series	Catalog Number	Lamps			Volts	Ballast/Driver		Mounting Type	Remarks
					Qty	Type	Watts		Type	Qty		
L1	2x4 RECESSED LED TROFFER	PHILIPS	DAYBRITE	2-EV-G-54L-835-4-D-UNV-DIM-GLR	1	LED 5400 LUMEN	54.8 W	UNV	0-10V DIMMING DRIVER	1	CEILING - RECESSED	
L1EM	2x4 RECESSED LED TROFFER	PHILIPS	DAYBRITE	2-EV-G-54L-835-4-D-UNV-DIM-GLR-EMLED	1	LED 5400 LUMEN	54.8 W	UNV	0-10V DIMMING DRIVER W/BATTERY BACKUP	1	CEILING - RECESSED	WIRE AS PER MANUFACTURERS REQUIREMENTS. FIXTURE TO BE PROVIDED WITH DIMMING DRIVER AND EMERGNECY BATTERY BACKUP.
L2	2x2 RECESSED LED TROFFER	PHILIPS	DAYBRITE	2-EV-G-45L-835-2-D-UNV-DIM-GLR	1	LED 4500 LUMEN	39.3 W	UNV	0-10V DIMMING DRIVER	1	CEILING - RECESSED	
L2EM	2x2 RECESSED LED TROFFER	PHILIPS	DAYBRITE	2-EV-G-45L-835-2-D-UNV-DIM-GLR-EMLED	1	LED 4500 LUMEN	39.3 W	UNV	0-10V DIMMING DRIVER W/BATTERY BACKUP	1	CEILING - RECESSED	WIRE AS PER MANUFACTURERS REQUIREMENTS. FIXTURE TO BE PROVIDED WITH DIMMING DRIVER AND EMERGNECY BATTERY BACKUP.
L3	1X8 SUSPENDED DIRECT/INDIRECT FIXTURE	PHILIPS	LEDALITE	2906-L-A-B-Q-Q-XX-7-277-E-XX	1	LED (4000K) 5200 LUMEN (PER 4')	50.5 W/4FT	UNV	0-10V DIMMING DRIVER	1	CEILING - SUSPENDED	COORDINATE FINISH AND MOUNTING HEIGHT WITH ARCHITECT. COORDINATE LENGTHS WITH LIGHTING PLANS. PROVIDE EM SECTIONS WHERE SHOWN ON PLANS.
L4	CEILING MOUNTED EXAM LIGHT	PHILIPS	NOVA	NXC	1	LED	18W	UNV	ELECTRONIC DRIVER	1	CEILING - SURFACE	
L5	1x4 SUSPENDED FIXTURE	PHILIPS	DAYBRITE	LBX-35L-940-UNV	1	LED 4000 LUMEN	31 W	UNV	ELECTRONIC DRIVER	1	CEILING - SUSPENDED	
L6	6" OPEN DOWNLIGHT	COOPER LIGHTOLIER GOTHAM	PORTFOLIO CALCULITE EVO	LD6A20D010TE ERW6A209335 xxxxxx C6L1520D0L-35-M-xx-xx-xx / C6L20-H-120-Z10V EVO-35-22-xx-WD-xx-120-SF-xx	1	LED 2000 LUMEN	31.5 W 25.0 W 23.2W	UNV	0-10V DRIVER	1	CEILING - RECESSED	VERIFY REFLECTOR STYLE, FINISH, COLOR AND ACCESSORIES WITH ARCHITECT.
L7	WALL MOUNTED INDICATOR LIGHT	ENTEC	8ES	9VL4	1	LED	1.25 W/FT	UNV	POWER SUPPLY	1	WALL - SURFACE	INDICATOR LIGHT TO BE INTEGRATED INTO AV CONTROL SYSTEM. COORDINATE INSTALLATION REQUIREMENTS WITH AV SYSTEM PROVIDER. PROVIDE ALL NECESSARY ACCESSORIES, INCLUDING DRIVERS/POWER SUPPLIES/DIMX CONTROLLERS, END CAPS, MOUNTING BRACKETS, ETC.
EM-1	WALL MOUNTED EMERGENCY LIGHT	PHILIPS	CHLORIDE	CAX6L24W12	1	HALOGEN	12W	277	N/A		WALL - SURFACE	
X1	EXIT SIGNS	TBD	TBD	MATCH BUILDING STANDARD	1	LED	5W	120V	N/A	1	VARIES	COORDINATE NUMBER OF FACES AND FACE TYPES WITH PLANS.

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

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Drawing Title

LUMINAIRE SCHEDULE

Drawn

Date

KRN

Checked By

Drawing Number

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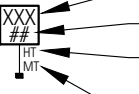
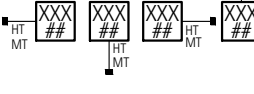
BY

Date

215-1055

E-900

AV POWER NOTES AND SYMBOLS			
FOR REFERENCE IN EA DRAWINGS ONLY (IF SHOWN: FOR USE IN COORDINATING AV DEVICE BOX LOCATIONS WITH ASSOCIATED AV POWER; OR, FOR USE BY ELECTRICAL ENGINEER IN LAYING OUT AV POWER REQUIREMENTS, SEE ELECTRICAL POWER DRAWINGS)			
POWER SYMBOLS		POWER NOTES	
	DISCONNECT / COMPANY SWITCH	PRH	PROJECT RECEPTACLE HEIGHT
	DUPLEX OUTLET	LOADING	LOAD NO MORE THAN ONE QUADPLEX IG AV RECEPTACLE PER 20A BRANCH CIRCUIT
	QUADPLEX OUTLET	LOADING	LOAD NO MORE THAN ONE IG AV DUPLEX RECEPTACLE PER CIRCUIT
	SPECIAL POWER (AS NOTED)	NEUTRALS	RUN SEPARATE NEUTRALS FOR EACH IG AV CIRCUIT
	QUADRUPLEX OUTLET IN FLOOR (NEMA 5-20R)	RECEPTACLE GROUND CONDUCTORS	RUN SEPARATE INSULATED GROUND CONDUCTORS FOR EACH IG AV RECEPTACLE
	DUPLEX OUTLET IN FLOOR (NEMA 5-20R)	SEPARATE CONDUIT SYSTEM	SERVE "IG AV" CIRCUITS VIA A CONDUIT SYSTEM SEPARATE FROM GENERAL-USE OR "NO IG" RECEPTACLES
	SPECIAL POWER IN FLOOR (AS NOTED)		
	DUPLEX OUTLET IN CEILING (NEMA 5-20R)		
	QUADPLEX OUTLET IN CEILING (NEMA 5-20R)		
	SPECIAL POWER IN CEILING (AS NOTED)		

AV INFRASTRUCTURE SYMBOLS	
TYPICAL AV BOX NOTATIONS	
	BOX TYPE AND SIZE: REFER TO "AV TERMINATION SCHEDULE" FOR TYPE AND SIZE UNIQUE DEVICE IDENTIFIER MOUNTING HEIGHT: R=RECEPTACLE HEIGHT (PROJECT BASED). S=SWITCH HEIGHT (PROJECT BASED), ##=SPECIFIC DISTANCE A.F.F. OF CENTER OF BOX MOUNTING TYPE: F=FLUSH MOUNTED, S=SURFACE MOUNTED
DEVICE	DESCRIPTION
	WALL MOUNTED BOXES/DEVICES: REFER TO ABOVE DIAGRAM FOR NOTATIONS
	CEILING AV PANEL: MOUNT PER SPECIAL INSTRUCTION
	AV EQUIPMENT RACK AND IDENTIFICATION: RACK PROVIDED BY AV CONTRACTOR
	FLUSH-MOUNTED FLOOR BOX: REFER TO ABOVE DIAGRAM FOR NOTATIONS
	CONDUIT SPLICE - CONTINUATION ON ANOTHER SHEET
	DEVICE FLUSH MOUNTED IN CEILING: REFER TO "BACKBOX INSTRUCTIONS FOR CEILING MOUNTED DEVICES" DETAIL

CONDUIT INSTALLATION NOTES

THE RACEWAY SYSTEM FOR AV CABLE SHALL FOLLOW THE NEC AND ALL LOCAL CODES GOVERNING THIS PROJECT. ADDITIONAL REQUIREMENTS ARE AS FOLLOWS:

1.

ALL THE AV SYSTEM CABLEING MUST BE HOUSED IN A CONTINUOUSLY GROUNDED FERROUS METALLIC AV SYSTEM RACEWAY (ASR) UNLESS NOTED OTHERWISE. PVC CONDUIT IS NOT ACCEPTABLE. THE RACEWAY SYSTEM SERVING THE AV SYSTEM MUST BE DESIGNED WITH REGARD TO GROUP DIVISIONS, ROUTING & SEPARATION, AND SIZING.

2.

ALL RACEWAY INDICATED IN THESE DRAWINGS IS FOR AV CABLE, AND IS IN ADDITION TO ANY CONDUIT SHOWN ON ANY OTHER DRAWINGS.

3.

CONDUIT CONNECTIVITY SHOWN FOR DESIGN INTENT ONLY. COORDINATE EXACT ROUTE BASED ON FIELD CONDITIONS.

4.

THE STANDARD SIZE FOR ALL AV CONDUIT SHOWN SHALL BE 0.75" DIAMETER UNLESS NOTED OTHERWISE. ALL EXPOSED CONDUIT SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO STRUCTURE ABOVE.

5.

ALL CONDUIT SHALL BE (EMT) ELECTRICAL METAL TUBING UNLESS NOTED OTHERWISE.

6.

ALL BACKBOX LOCATIONS AND CONNECTIONS FOR DESIGN INTENT ONLY.

7.

FOLLOW GOOD PRACTICE RELATED TO CONDUIT INSTALLATION. THIS INCLUDES ALLOWABLE BEND ANGLE, PULL DISTANCES, AND ASSURANCE THAT THE PATHWAYS ARE CLEAR OF DEBRIS AND SHARP EDGES.

GROUP DIVISIONS

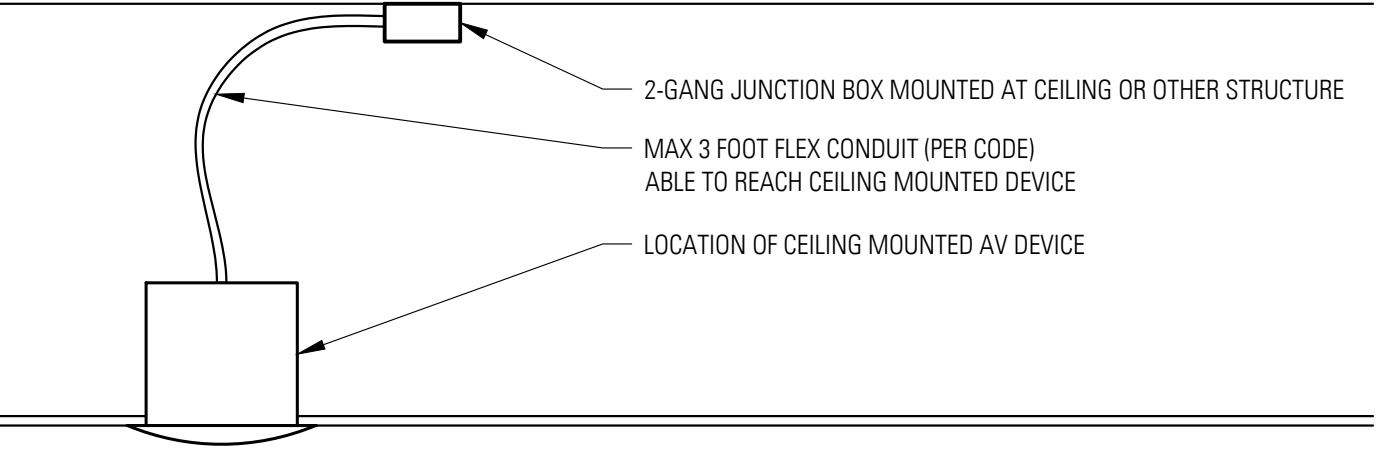
THE AV SYSTEMS HAVE A WIDE RANGE OF SIGNAL LEVELS AND REQUIRE THAT CABLE OF DIFFERENT SIGNAL LEVELS BE INSTALLED IN DIFFERENT CONDUITS. THE FOLLOWING TABLE DEFINES AND DESCRIBES THESE GROUPS.

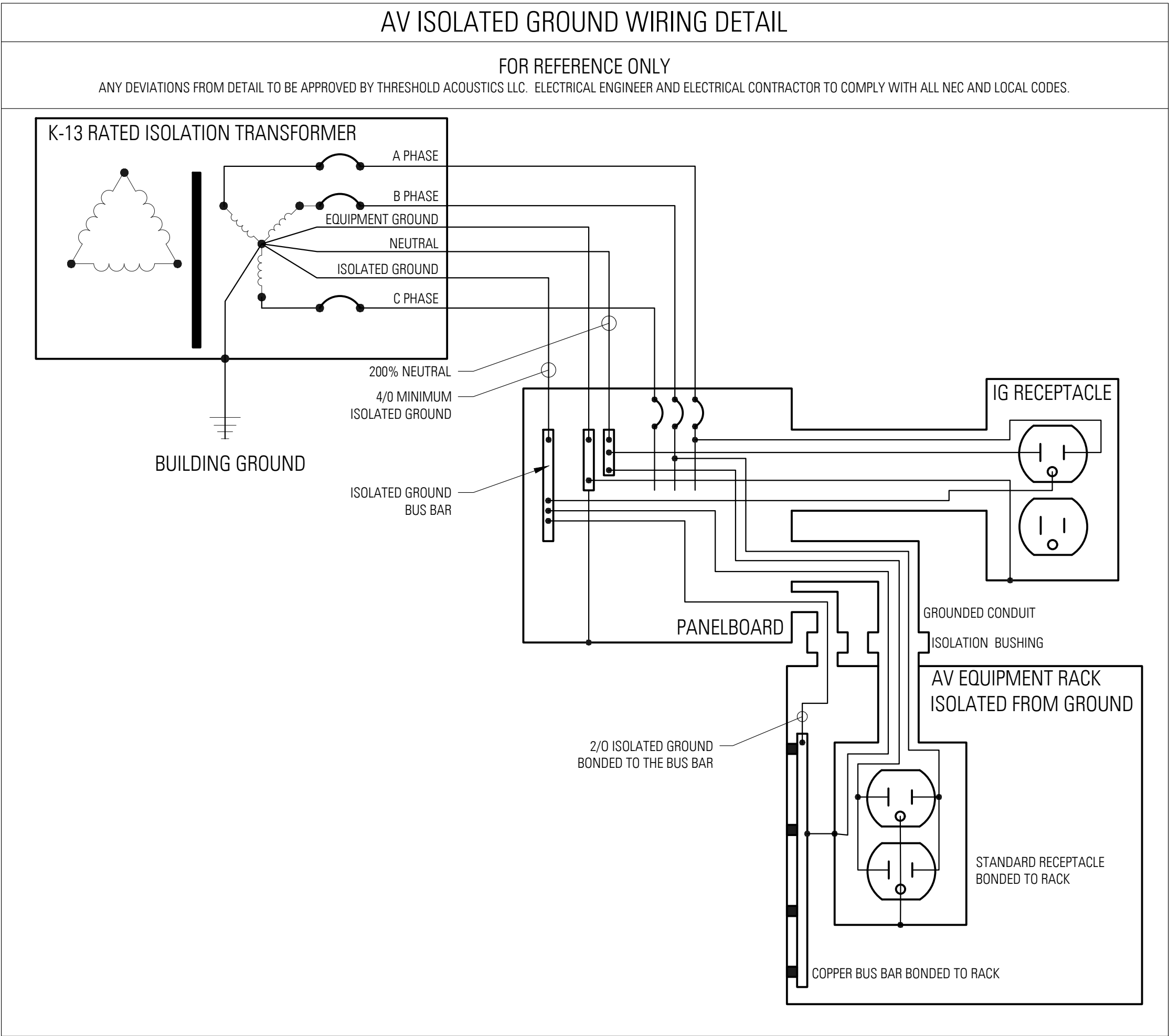
Group	Description	Level	Bandwidth
A	Microphone level AV circuits	below -30 dBu	20 Hz to 20 kHz
B	Line level AV circuits, Communication Circuits (Intercom)	-30 dBu to +24 dBu	20 Hz to 20 kHz
C	Speaker level AV circuits, including low impedance types and high impedance types (70 volt).	Greater than +24 dBu	20 Hz to 20 kHz
D	Control Circuits	0-28 Volt into <50kOhms	--
	Data Circuits	2 Volt peak-peak into 100 Ohms	0 Hz to 100 MHz
E	Video	1 volt peak-peak into 75 Ohms	0 Hz to 10 MHz
F	Fiber Optic Circuits	50/125 Micrometer-Multimode	200-800 MHz-km @ 850 nm
X	Exposed Induction Loop Cable	400 mA/m RMS @ 1kHz (+/- 3dB)	100 Hz - 5 kHz +/- 3dB
Y	Induction Loop Cable in Conduit		

ROUTING AND SEPARATION						
AV SYSTEM RACEWAYS SHOULD NOT BE INDISCRIMINATELY ROUTED THROUGH A FACILITY. EVEN WHEN ENCLOSED IN A CONTINUOUSLY GROUNDED FERROUS METALLIC CONDUIT SYSTEM, AV CIRCUITS ARE STILL SUSCEPTIBLE TO ELECTRICAL NOISE AND REQUIRE SPECIFIC CONDUIT SEPARATIONS FROM OTHER GROUPINGS AND SERVICES TO MINIMIZE THESE INTERFERENCES. THE FOLLOWING TABLE DEFINES THE REQUIRED MINIMUM SEPARATIONS BETWEEN THE GROUP DIVISIONS AND OTHER POWER SERVICES.						
Group	A	B	C	D	E	F
A	Adjacent	6 inches	12 inches	12 inches	12 inches	Adjacent
B	--	Adjacent	12 inches	6 inches	6 inches	Adjacent
C	--	--	Adjacent	6 inches	6 inches	Adjacent
D	--	--	--	Adjacent	Adjacent	Adjacent
E	--	--	--	Adjacent	Adjacent	Adjacent
F	--	--	--	--	--	Adjacent
X	48 inches	48 inches	48 inches	48 inches	48 inches	Adjacent
Y	12 inches	12 inches	6 inches	12 inches	12 inches	Adjacent
Power Conduit < 60A	24 inches	24 inches	24 inches	24 inches	24 inches	Adjacent
Power Conduit 60A - 120A	48 inches	48 inches	48 inches	48 inches	48 inches	Adjacent
Power Conduit > 120	64 inches	64 inches	64 inches	64 inches	64 inches	Adjacent

NOTE: NINETY-DEGREE CROSSINGS IN CLOSE PROXIMITY ARE ACCEPTABLE BETWEEN GROUPS A THROUGH F

CONDUIT SIZING NOTES		
1.	THE SIZING OF THE CONDUIT IS TO BE BASED ON THE NEC REQUIREMENTS.	
2.	THE MINIMUM CONDUIT SIZE ALLOWED FOR AV CABLES IS 3/4".	
3.	FOR CONDUIT RUNS OF 50 TO 100 FEET THE INSTALLED NUMBER SHOULD BE REDUCED BY 15% OR THE NEXT LARGER SIZE OF CONDUIT SHOULD BE USED.	
4.	IF MORE THAN TWO 90 DEGREE BENDS ARE TO BE USED IN A CONDUIT RUN OR IF THE RUN EXCEEDS 100 FEET, A PULL BOX SHOULD BE INSERTED.	
5.	TO DETERMINE THE CONDUIT SIZE FOR A PARTICULAR RUN OF AV CABLE:	
5.1.	SQUARE THE O.D. OF EACH CABLE AND TOTAL THE RESULTS (REFER TO THE CABLE MANUFACTURER SPECIFICATIONS)	
5.2.	MULTIPLY THE TOTAL BY THE FACTOR LISTED IN THE TABLE BELOW.	
5.3.	FIND THE PERMISSIBLE AREA OF THE CONDUIT TYPE USED THAT IS EQUAL TO OR GREATER THAN THE TOTAL AREA CALCULATED IN STEPS 1 AND 2 (REFERENCE NEC 1999 CHAPTER 9 FOR PERMISSIBLE AREA OF VARIOUS CONDUIT TYPES AND SIZES).	
	No. of Conductors	% of Cross Section of Conduit allowed for Conductors
	1	53
	2	31
	3 or more	40
		Factor
		0.5927
		1.0134
		0.7854

BACKBOX INSTRUCTIONS FOR CEILING MOUNTED DEVICES	
FOR REFERENCE ONLY ANY DEVIATIONS FROM DETAIL TO BE APPROVED BY THRESHOLD ACOUSTICS LLC. ELECTRICAL ENGINEER AND ELECTRICAL CONTRACTOR TO COMPLY WITH ALL NEC AND LOCAL CODES.	
	2-GANG JUNCTION BOX MOUNTED AT CEILING OR OTHER STRUCTURE MAX 3 FOOT FLEX CONDUIT (PER CODE) ABLE TO REACH CEILING MOUNTED DEVICE LOCATION OF CEILING MOUNTED AV DEVICE
DROP CEILING INSTALLATION ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL JUNCTION BOX AND FLEX CONDUIT AS SHOWN.	
PLASTER CEILING INSTALLATION INSTALL SPEAKER MOUNTING PLATE PRIOR TO FINISHING CEILING	



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1	SCHEMATIC DESIGN	5/26/2016
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AV INDEX	
Drawn	Date
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Job Number	EA-100
000-0000	

TERMINATION		BOX			CABLE				
TYPE	DESCRIPTION	TYPE	SIZE (WxHxD)	QTY	GROUP	TYPE	QTY	NOTES	ROUTE TO
R99	Classroom AV Equipment Rack (A217)	RACK			F	SMF6	2		Campus Network closet R98 LED Driver (By others)
					F	SMF6	2		
					D	UTP6AF	2		
R98	Lab Equipment Rack (B222C)	RACK			F	SMF6	2		R99
					F	SMF6	2		R99
JB01	Display LED light integration							Pull box for LED light intergration	
Classroom									
A01	AV Input Plug Box	NEMA 1	4-GANG	10	A	MIC	2		R99
					B	LINE	2		
					E	HDMI	1		
A02	Podium AV Input Panel	NEMA 1	3-GANG	1	D	UTP6AF	1		Podium Rack
D	USB	1							
D01	Display Plug Box	NEMA 1	PAC-526-FCW	10	D	UTP6AF	6	No Fiber cable on Day 1	R99
F	SMF6	1	R99						
D02	Future Display and Camera Plug Box	NEMA 1	FSR CB-22	3	D	UTP6AF	10	Raceway & rough in as part of base bid	R99
									F
L01	Podium AV Plug Box	NEMA 1	FSR FL-600P	1	A	EURO	2		R99
M01	Microphone Plug Box	NEMA 1	2-GANG	4	A	MIC	3	Raceway & rough in as part of base bid	R99
O01	Projection Screen Control	NEMA 1	2-G w/ 1-G MR	3	D	Control1	2		R99
P01	Projector Plug Box	NEMA 1	2-G w/ 1-G MR	3	D	UTP6AF	2		R99
T01	Wireless Mic Antenna Plug Box	NEMA 1	2-GANG	2	E	ANT	1		R99
U01	AV Touch Controller	NEMA 1	2-GANG	1	D	UTP6AF	1		R99
U02	Display Button Controller	NEMA 1	1-GANG	10	D	UTP6AF	1		R99
S1	Ceiling Speakers	NEMA 1	2-G w/ 1-G MR	15	C	SPK14	1		R99
Alternate 1&2 (Typical of 3)									
A11	AV Input Panel	NEMA 1	3-GANG	1	D	HDMI	1	Raceway & rough in as part of base bid	D11
D11	Display Plug Box	NEMA 1	PAC-526-FCW	1	D	RCA	1	Raceway & rough in as part of base bid	
U11	AV Button Controller	NEMA 1	1-GANG	1	D	UTP6AF	4	Raceway & rough in as part of base bid	R99
								F	SMF6
S11	Loudspeaker Plug Box	NEMA 1	2-G w/ 1-G MR	2	C	SPK14	1	Raceway & rough in as part of base bid	D11
Alternate 3: Conference Room (B216)									
A21	AV Input Panel	NEMA 1	3-GANG	1	D	UTP6AF	2	Raceway & rough in as part of base bid	D21
								D	
D21	Display Plug Box	NEMA 1	PAC-526-FCW	1	D	UTP6AF	4	Raceway & rough in as part of base bid	R98
								F	SMF6
S21	Loudspeaker Plug Box	NEMA 1	2-G w/ 1-G MR	2	C	SPK14	1	Raceway & rough in as part of base bid	D21
Anatomy Lab									
A31	AV Input Panel	NEMA 1	3-GANG	2	D	UTP6AF	2	(A31-2 is rough in only, blank cover plate needed)	R98
D31	Display Plug Box	NEMA 1	4-GANG	1	D	UTP6AF	6	No Fiber cable on Day 1	R98
									F
D32	Ceiling Display Plug Box	NEMA 1	3-GANG	8	D	UTP6AF	2	Raceway & rough in as part of base bid	R98
									F
U31	AV Touch Controller	NEMA 1	2-GANG	1	D	UTP6AF	2		R98
S31	Surface Mounted Speakers	NEMA 1	2-G w/ 1-G MR	2	C	SPK14	1		R98
Anatomage Area									
A41	Instructor Input Panel	NEMA 1	3-GANG	1	D	UTP6AF	2		R98
A42	Ultrasound Plug Box	NEMA 1	2-GANG	1	D	UTP6AF	1		R98
									E
A43	Anatomage Table Plug Box	NEMA 1	5-GANG	2	D	UTP6AF	3	(A43-2 is rough in only, blank cover plate needed)	R98
D41	Display Plug Box	NEMA 1	PAC-526-FCW	1	D	UTP6AF	6	No Fiber cable on Day 1	R98
									F
U41	AV Touch Controller	NEMA 1	2-GANG	1	D	UTP6AF	1		R98
S41	Surface Mounted Speakers	NEMA 1	2-G w/ 1-G MR	2	C	SPK14	1		R98

AV CABLE SCHEDULE						
TYPE	DESCRIPTION	MFR	PART #	O.D. (inches)	Color	MAX. CABLE DISTANCE
MIC	24/2 stranded tinned copper conductors, individually shielded with an overall jacket.	WestPenn	DA2401	0.182	Grey	N/A
LINE	24/2 stranded tinned copper conductors, individually shielded with an overall jacket.	WestPenn	DA2401	0.182	Grey	N/A
SPK14	14/2 stranded bare copper conductors, unshielded with overall jacket	WestPenn	226	0.23	Brown	N/A
UTP6AF	23 AWG- 4 pair solid bare copper conductors, shielded with an overall jacket. 750MHz	WestPenn	4246AF	0.303	Black	300 FEET
SDI	R66/U- 1 coaxial 18 AWG solid- 100% aluminum foil + 95% tinned copper braid PVC jacket	WestPenn	6350	0.275	Black	300 FEET
SMF6	8.3 um indoor plenum distribution 6 fibers	WestPenn	M9W045	0.19	Orange	6500' (10GbE)
Control1	18/4 stranded bare copper conductors, unshielded with an overall jacket.	WestPenn	244	0.183	Gray	N/A
VGA	RGB Video Cable (3) 26 AWG Coax, (9) 26 AWG Data	Extron	MHRVGA	0.33	Black	N/A
HDMI	For Runs 3'-22': Pre-Terminated High-Speed HDMI Cable	Belden	HD200X	0.85	Black	N/A
	For Runs Exceeding 22': HDMI Active Digital Ribbon Cabling	FSR	DR-PCB-HXXM	0.77	Orange	N/A
EUBD	(2) CAT6 and (6) Digital Audio Lines	LINKUSA	CVS1K6CAT6F	0.83	Black	300 FEET
USB	USB 3.0 Optical Cable, A plug to A receptical, 10m	Corning	AOC-ACS2CVA010M20	N/A	Black	10M

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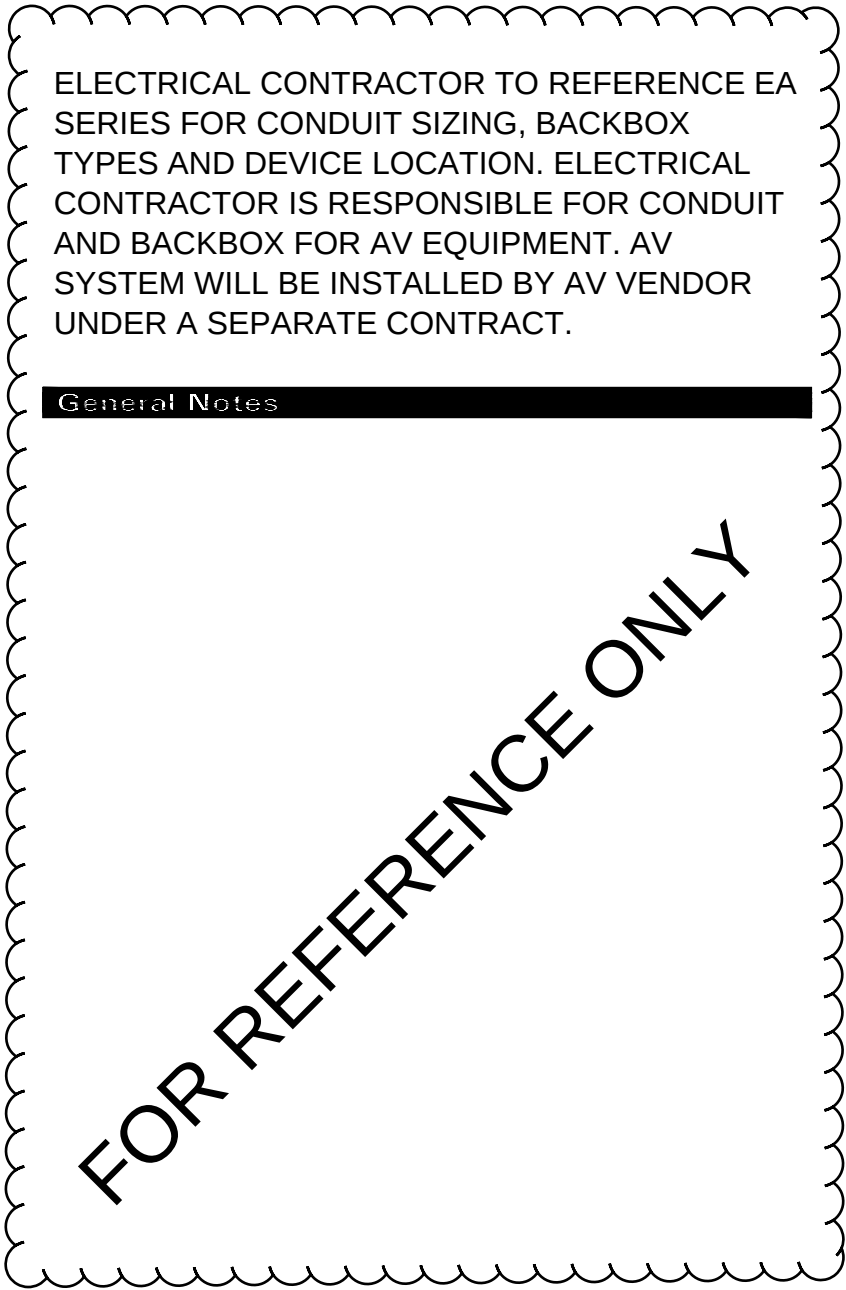
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EA-101

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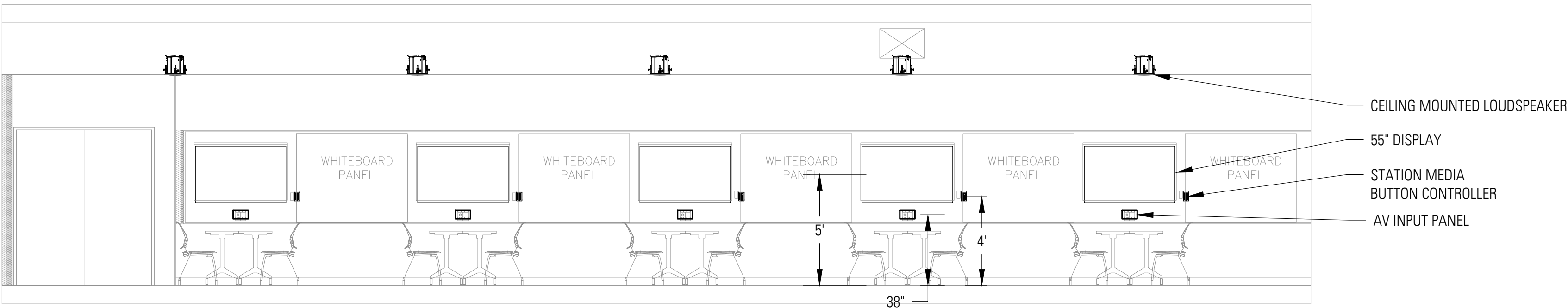
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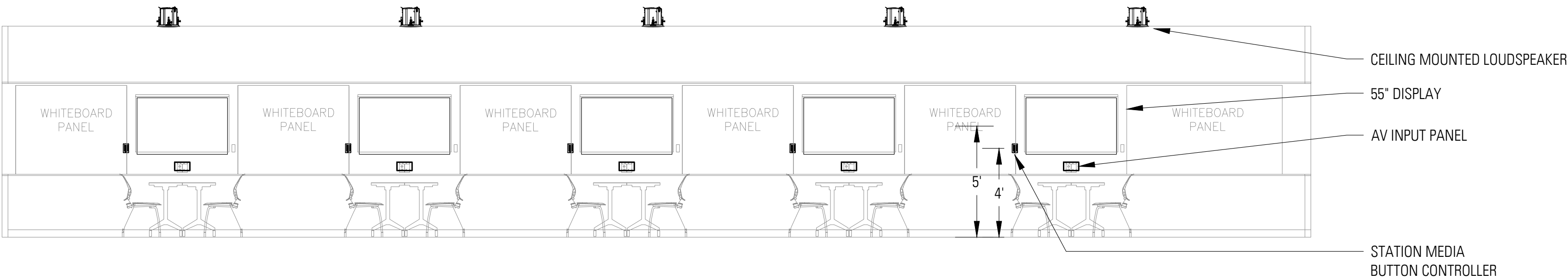
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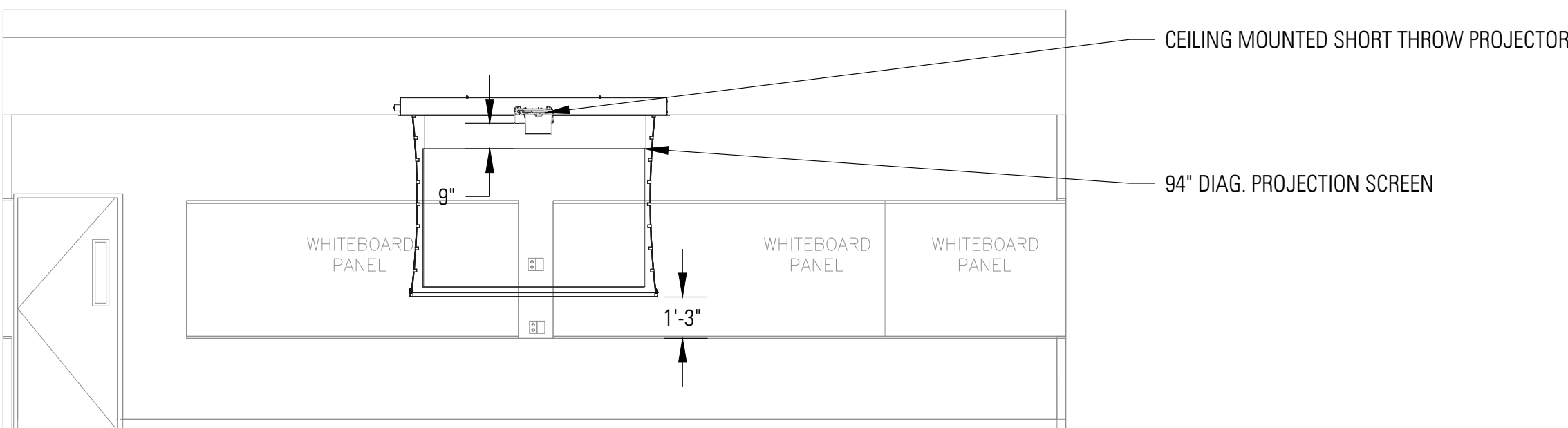
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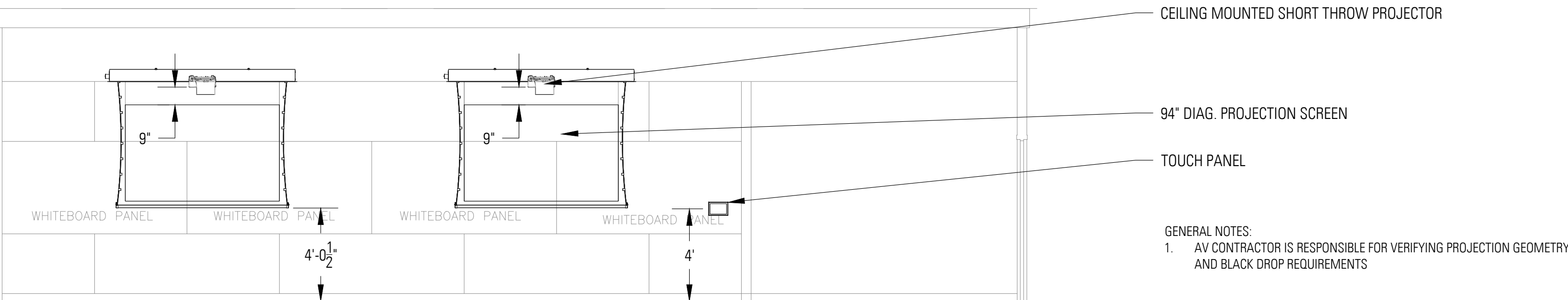
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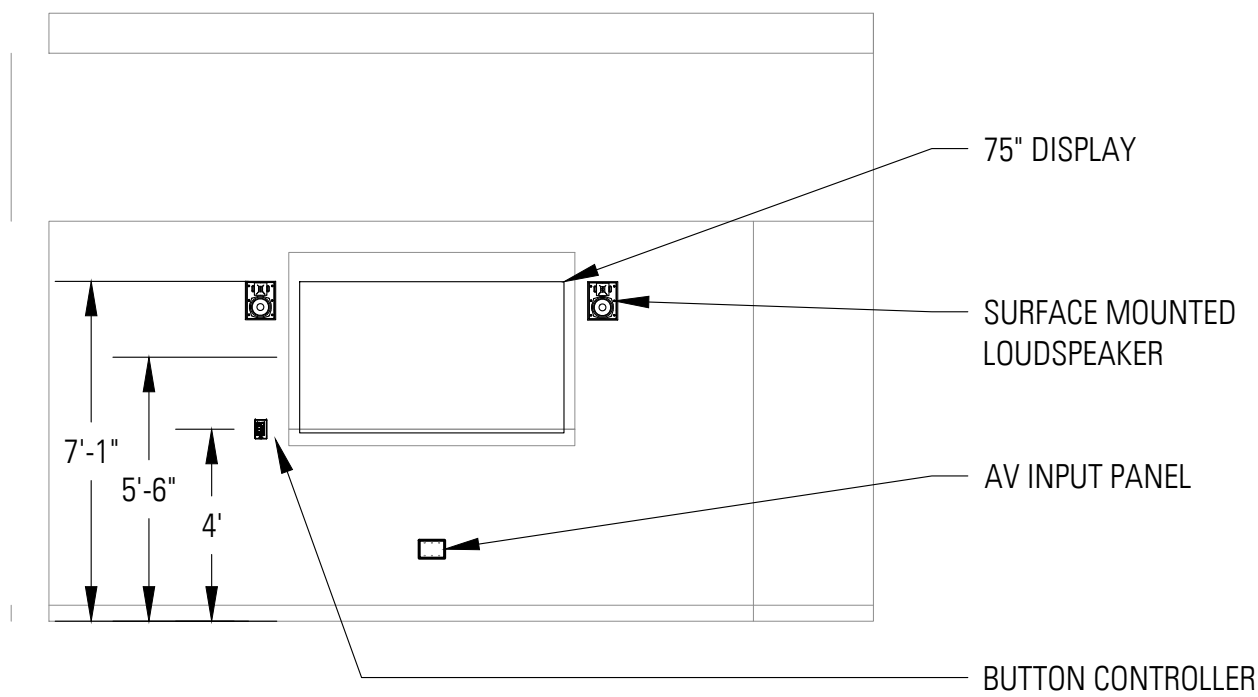
2 CLASSROOM - SOUTH



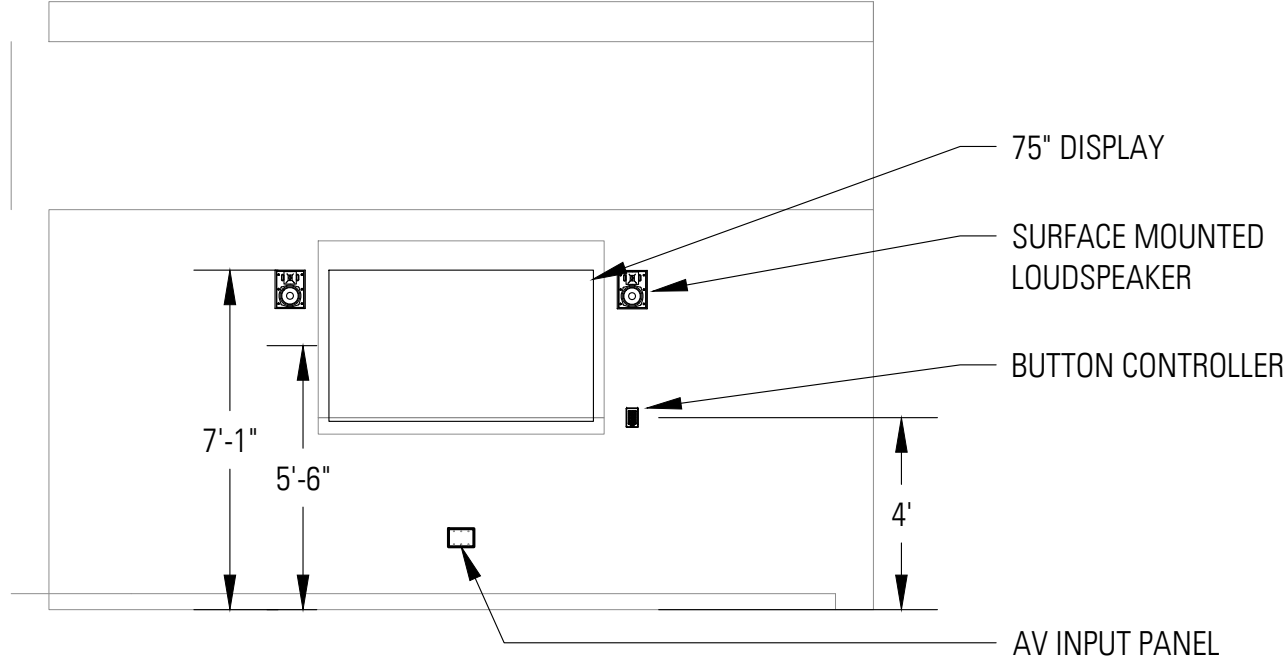
3 CLASSROOM - EAST



4 CLASSROOM - WEST



5 SEMINAR ROOM - EAST



6 SEMINAR ROOM - WEST

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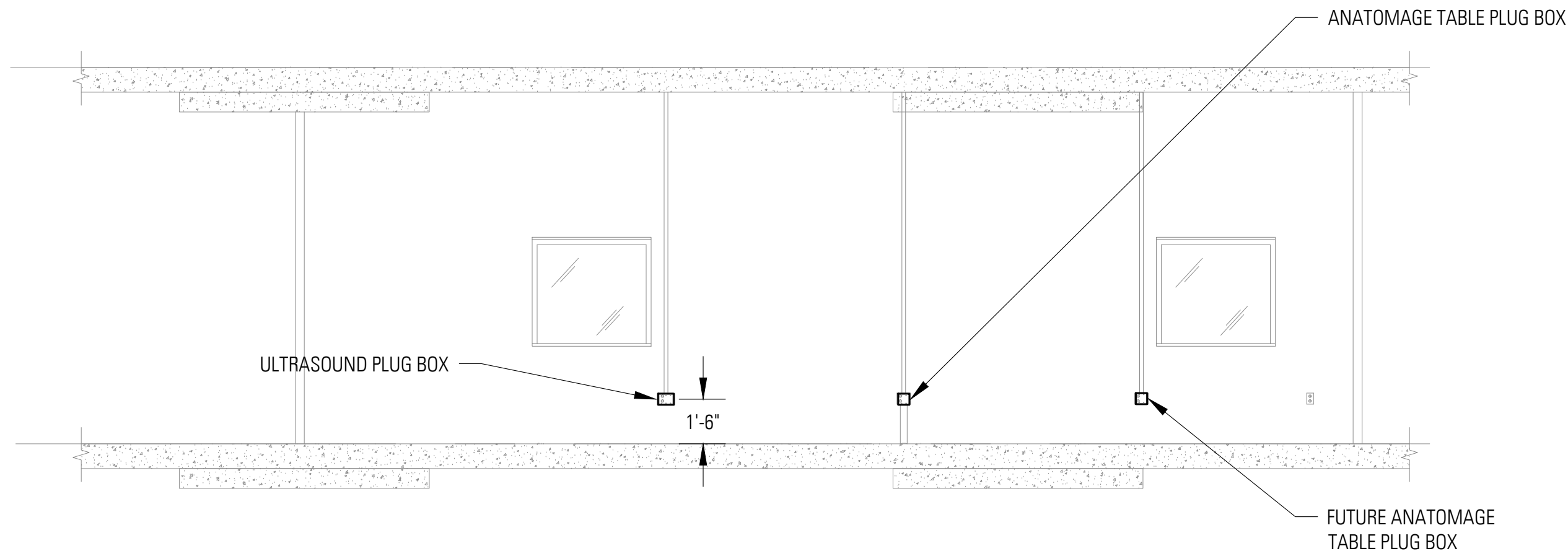
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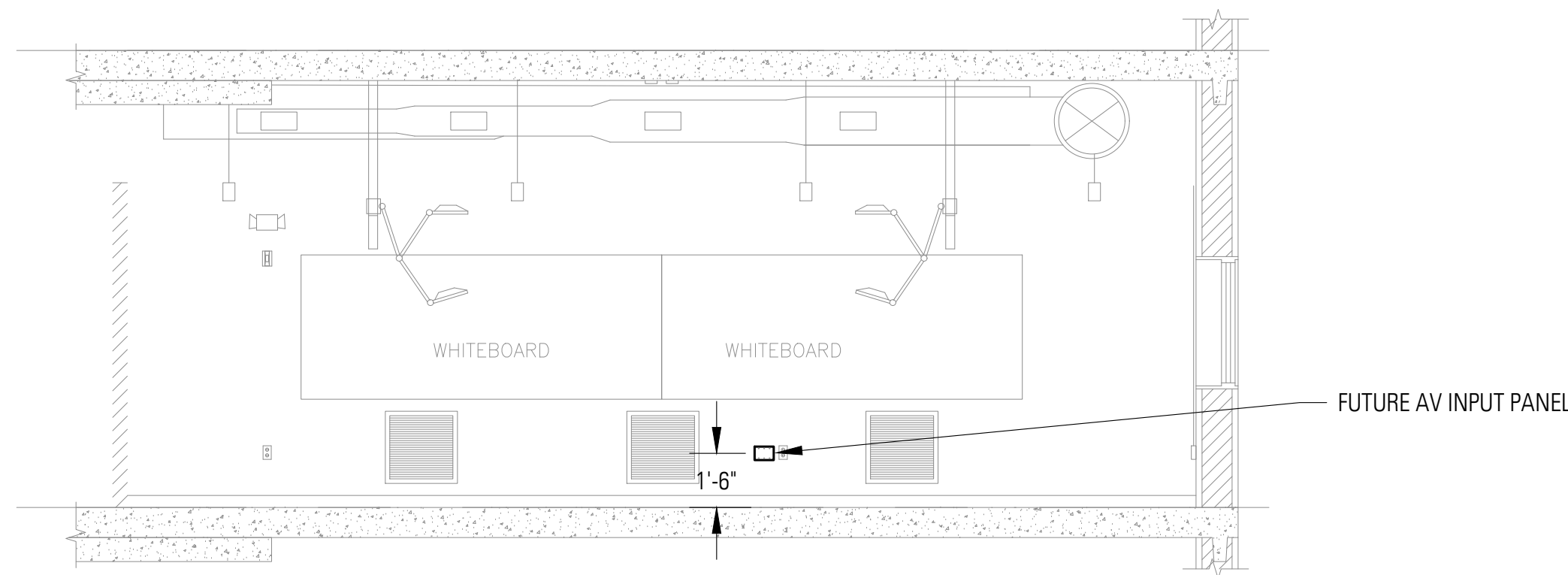
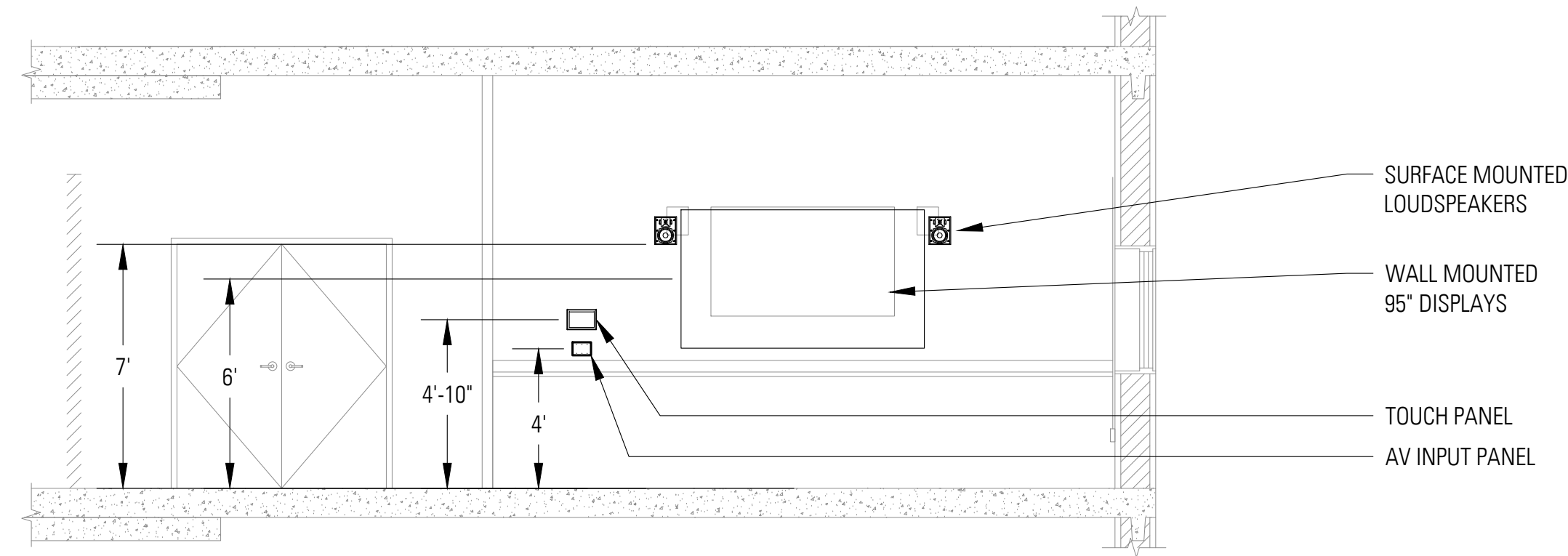
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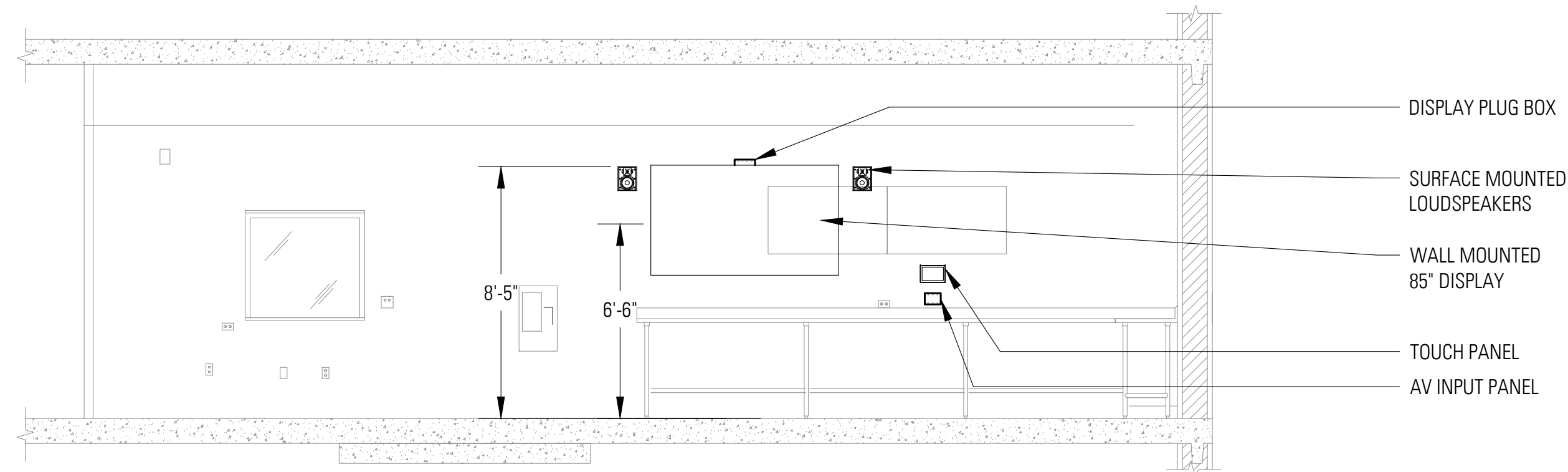
FILE NAME:



1 ANATOMAGE ROOM - WEST & SOUTH



2 ANATOMY ROOM - SOUTH & WEST



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AV ELEVATIONS

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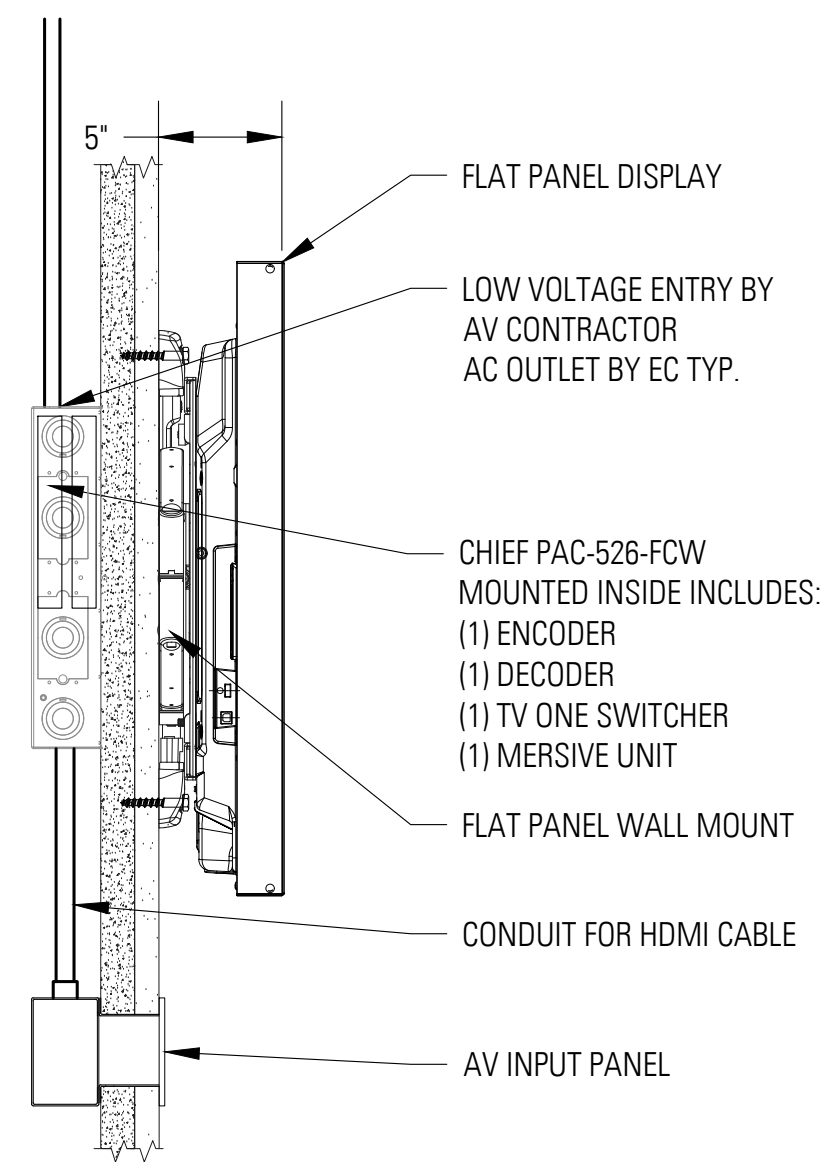
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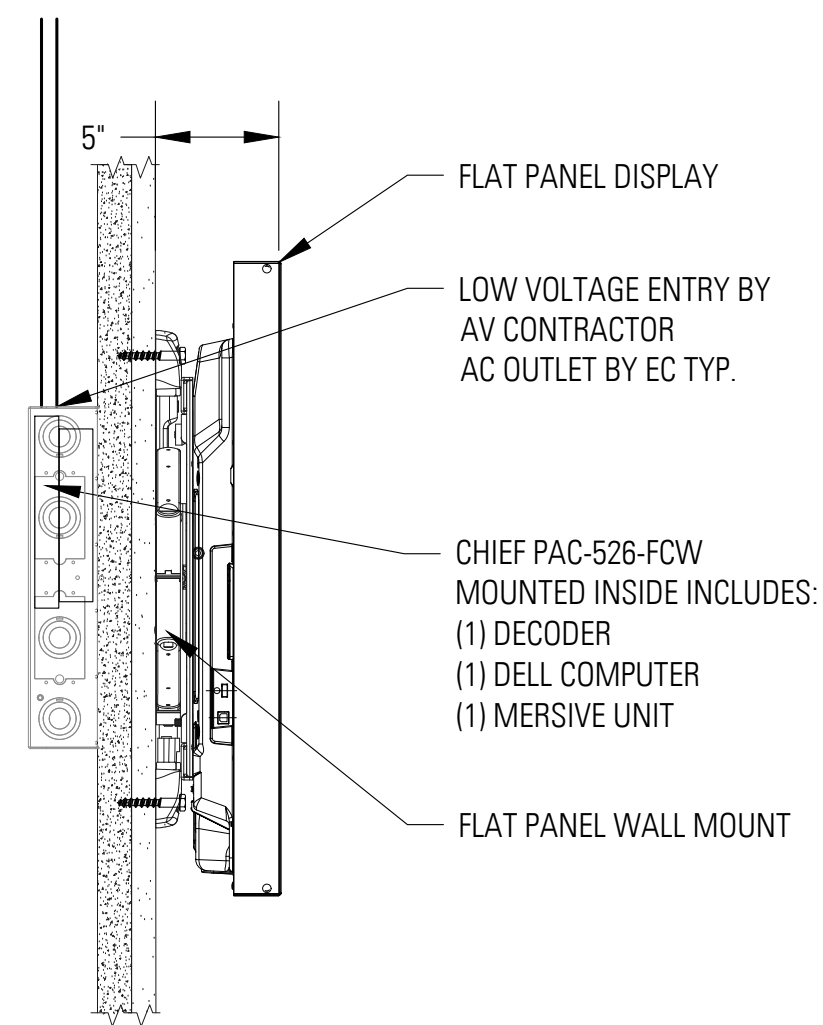
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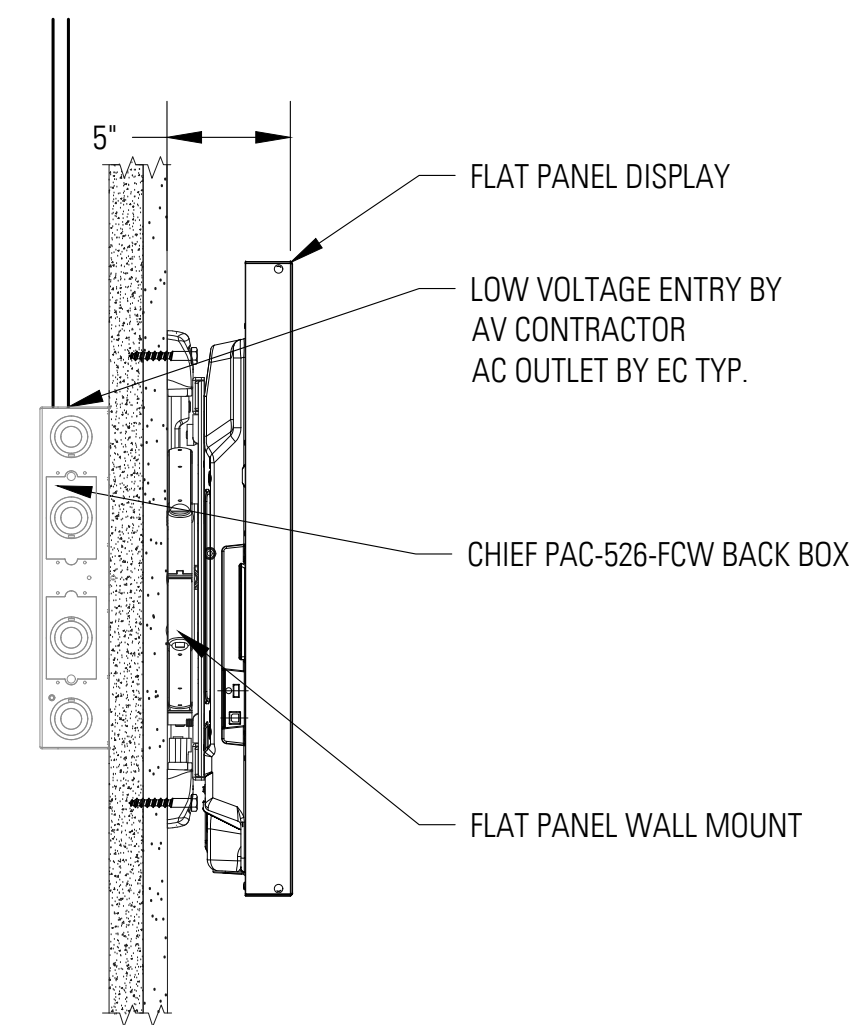
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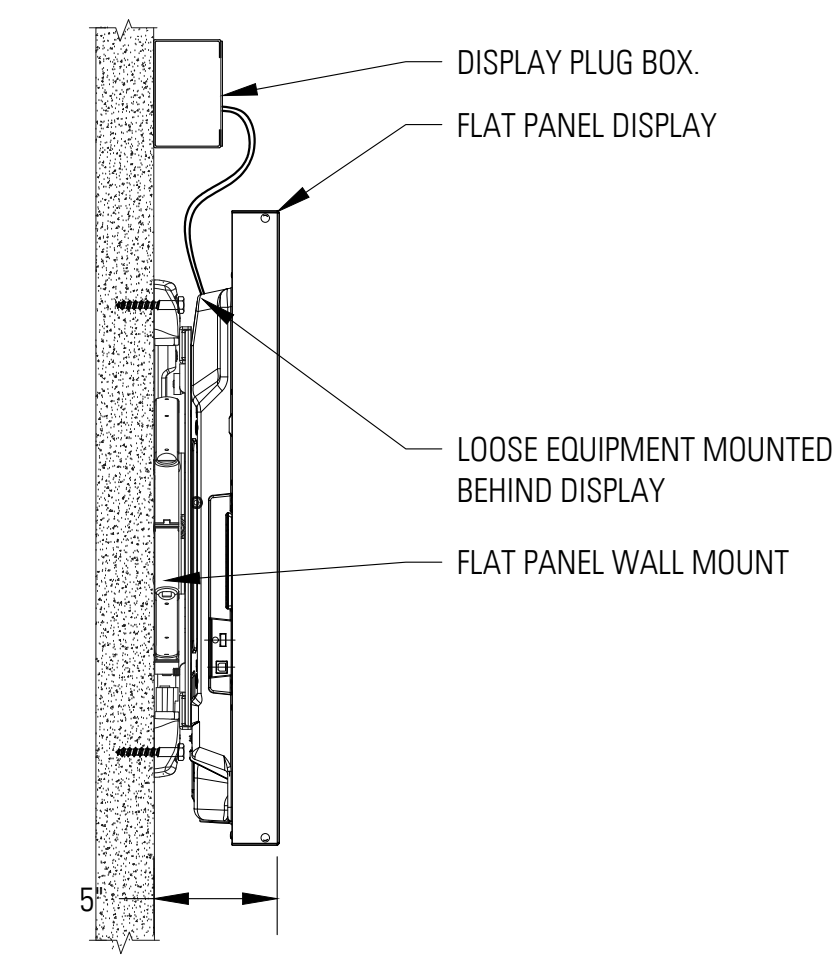
1 ROOM A200A DISPLAY DETAIL



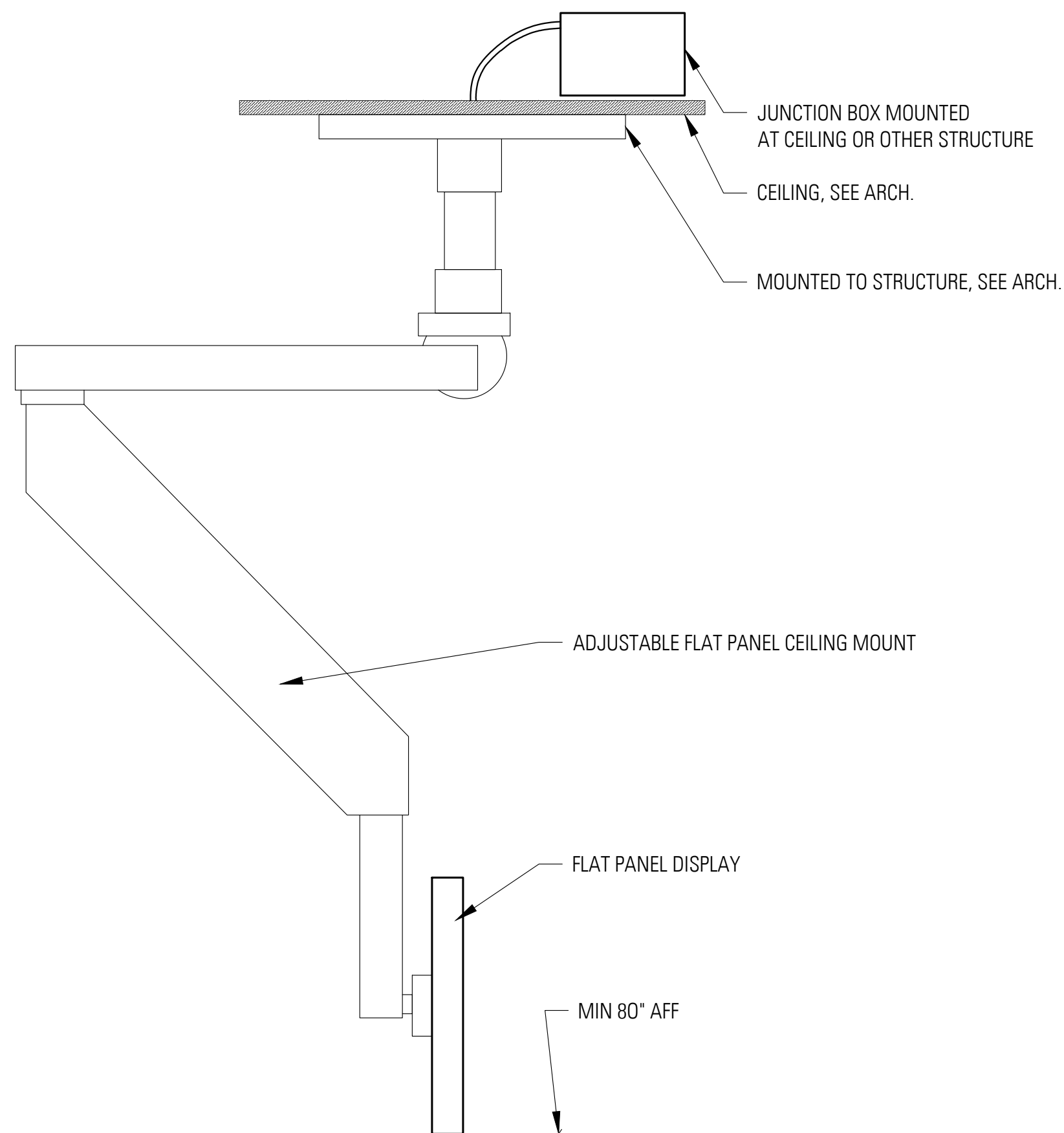
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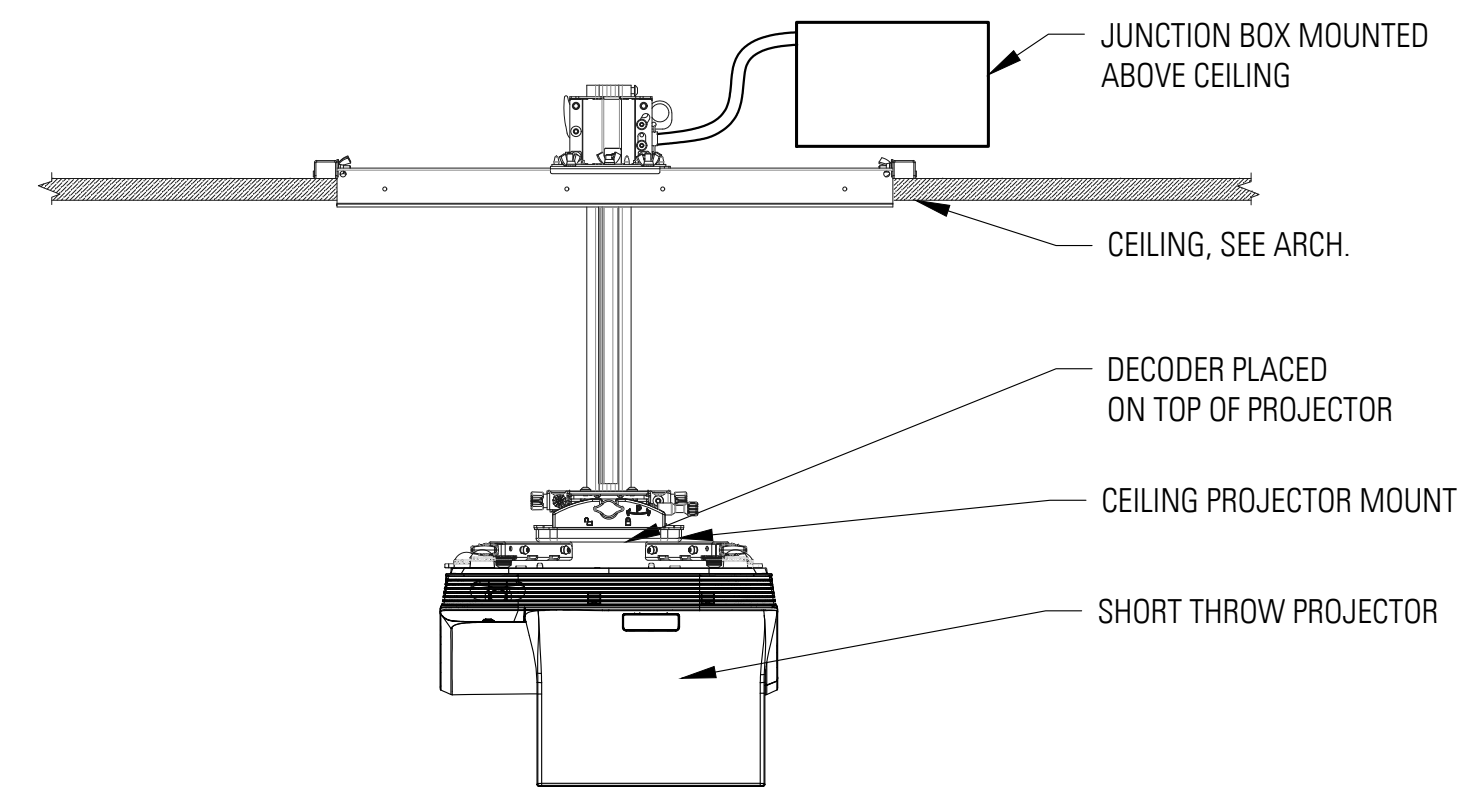
3 A200B/C, A209, B216 DISPLAY DETAIL



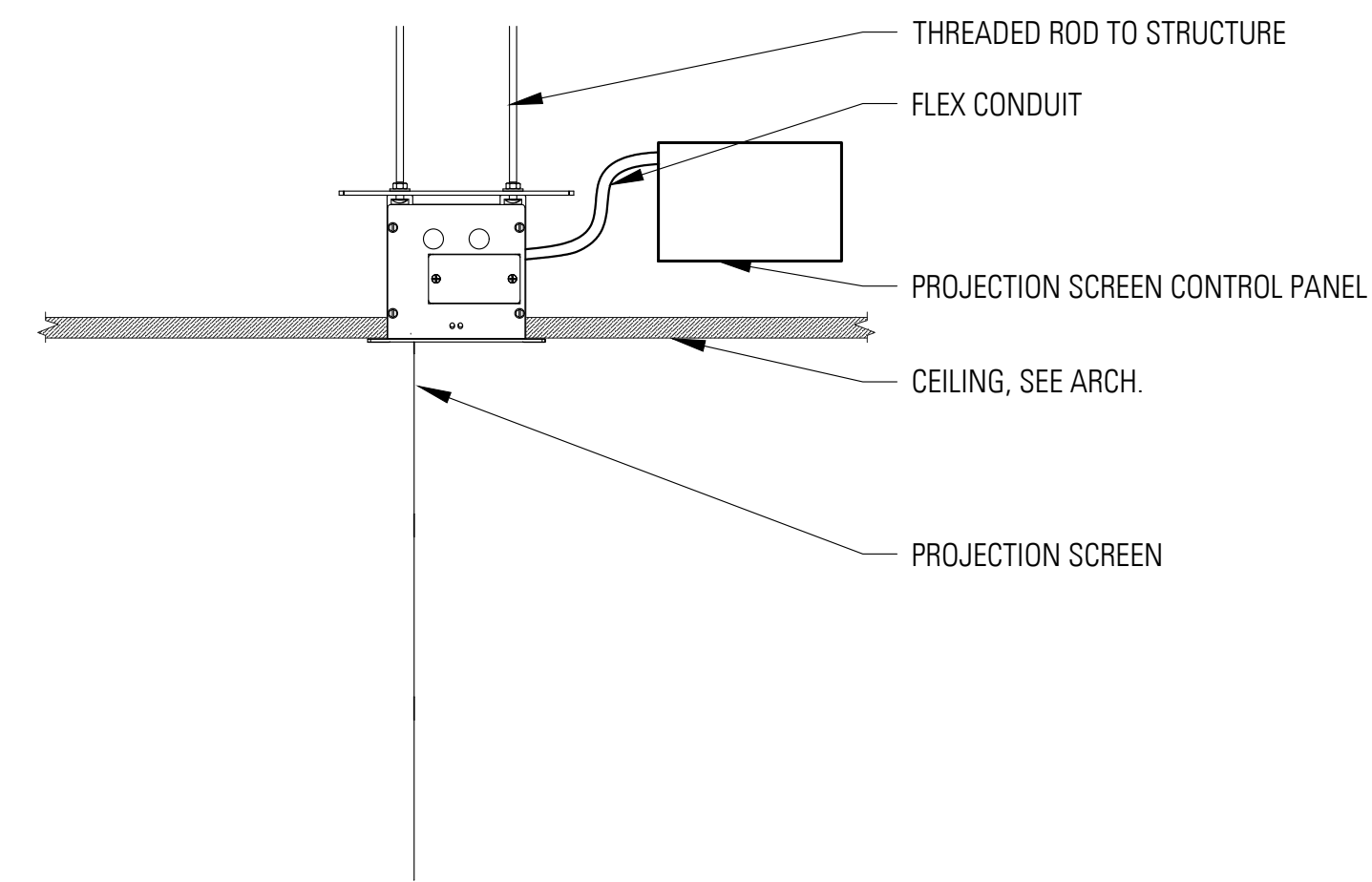
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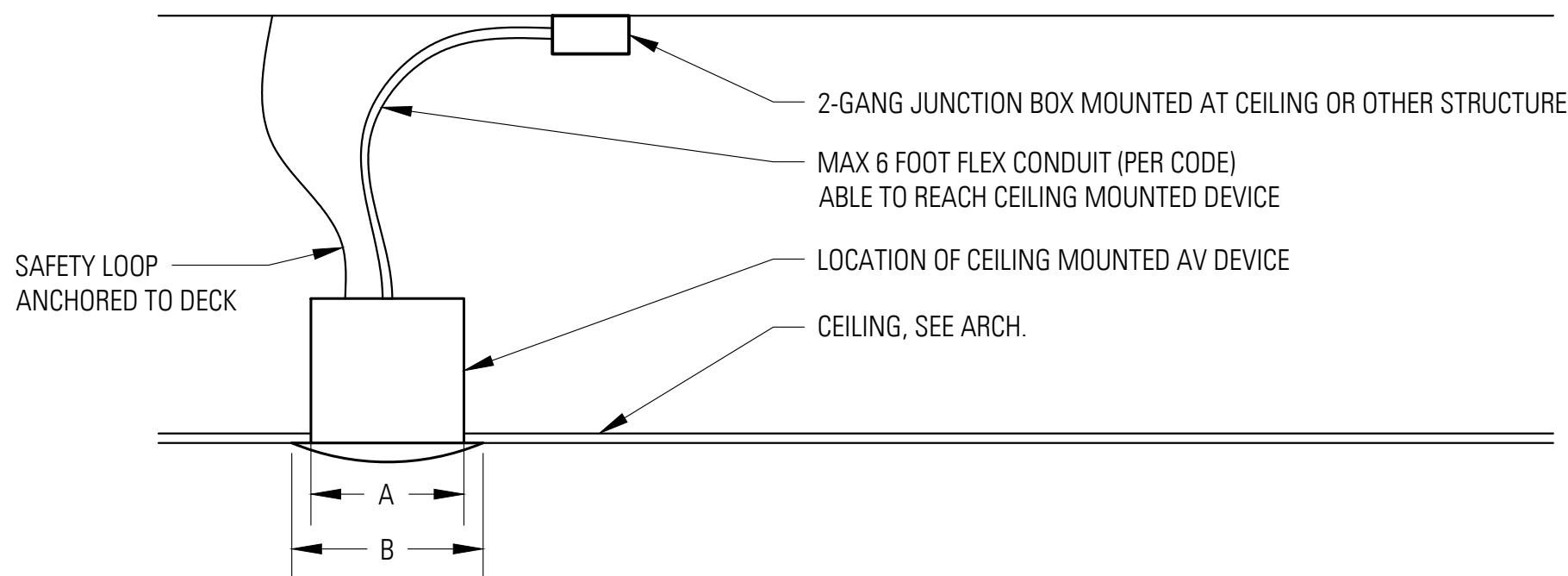
5 CEILING MOUNTED DISPLAY DETAIL



6 CEILING MOUNTED PROJECTOR DETAIL

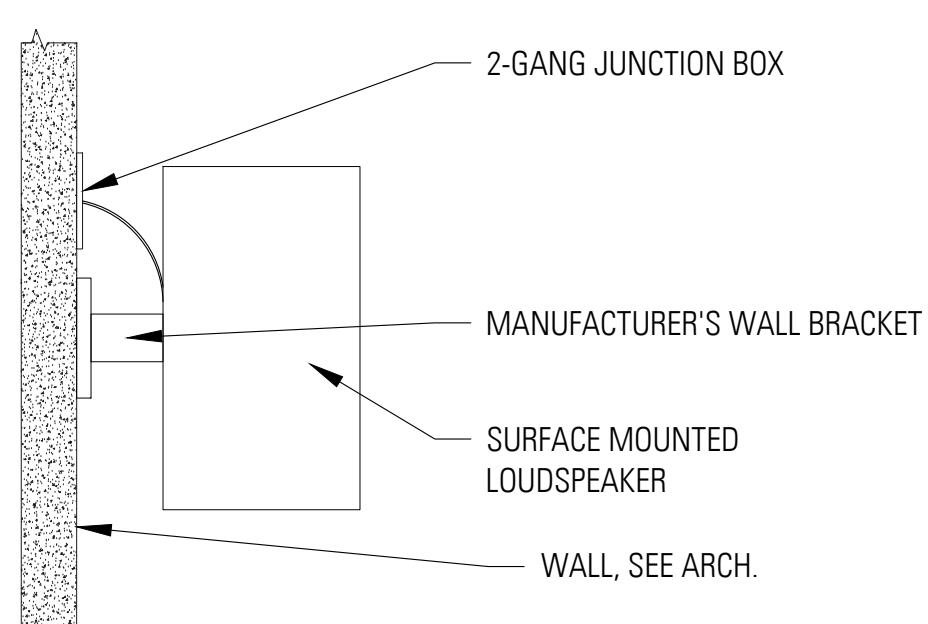


7 CEILING MOUNTED PROJECTION SCREEN DETAIL

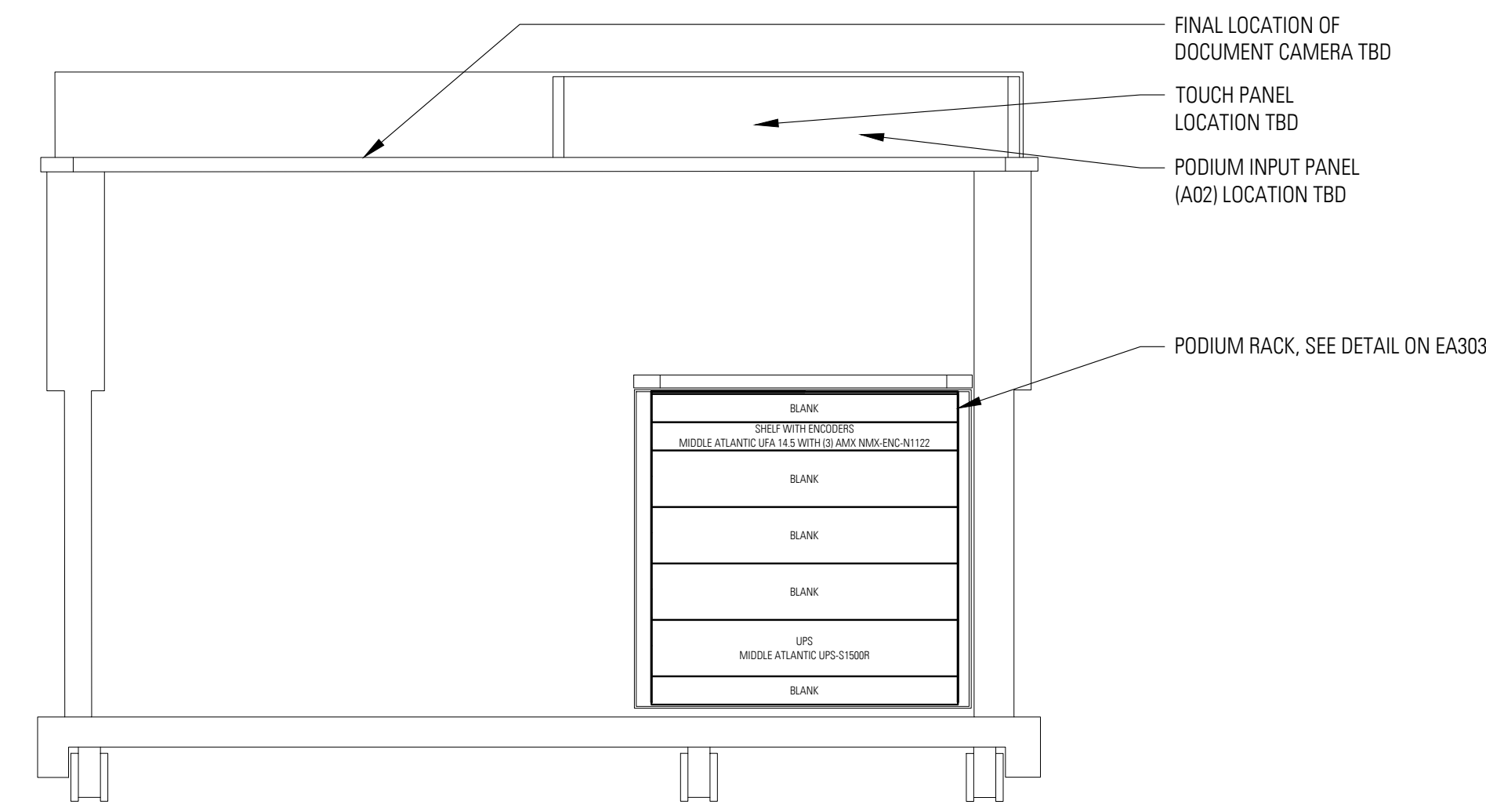


SPEAKER DIMENSIONS		
MODEL	HOLE CUTOUT DIAMETER (A)	BEZEL DIAMETER (B)
JBL CONTROL 47C/T	11.1"	12"

8 CEILING RECESSED LOUDSPEAKER DETAIL



9 SURFACE MOUNTED LOUDSPEAKER DETAIL



10 LECTERN DETAIL

GENERAL NOTES:
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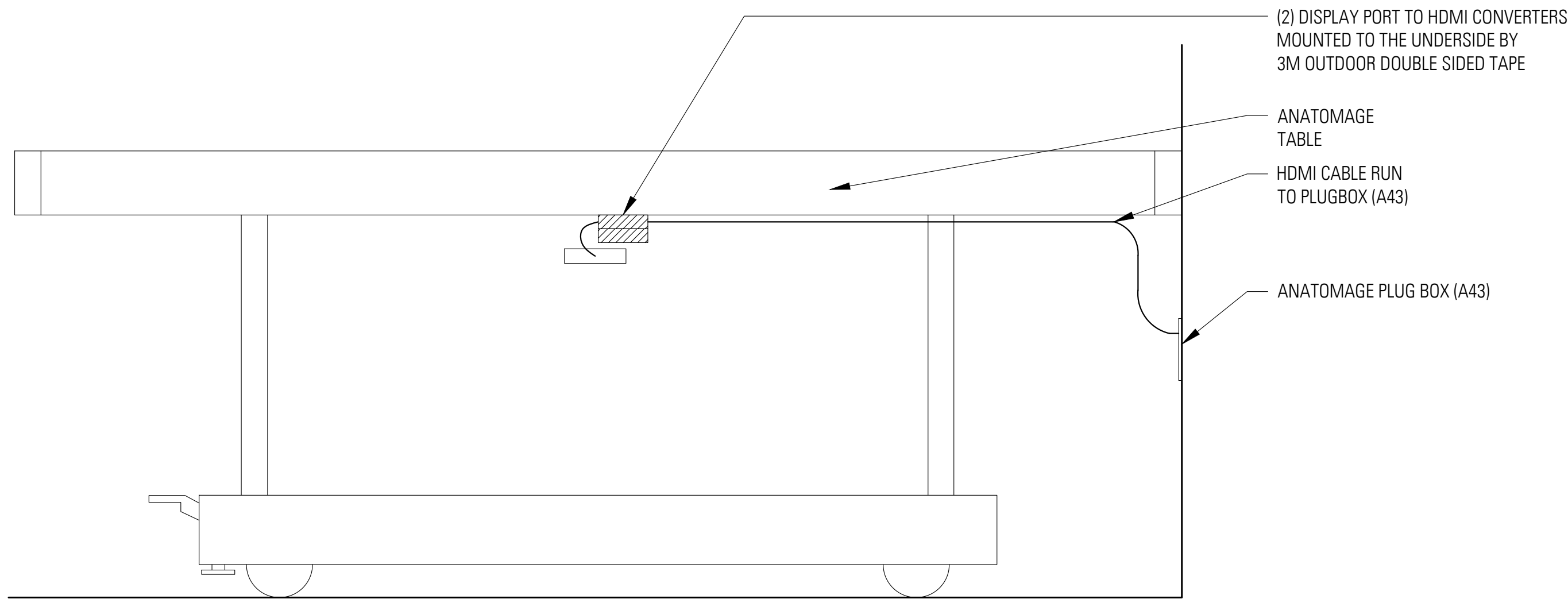
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EA-201



1 ANATOMAGE TABLE DETAIL

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INTERIOR RENOVATIONS

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Drawing Title

MOUNTING DETAILS

Drawn Date

SJW

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Drawing Number

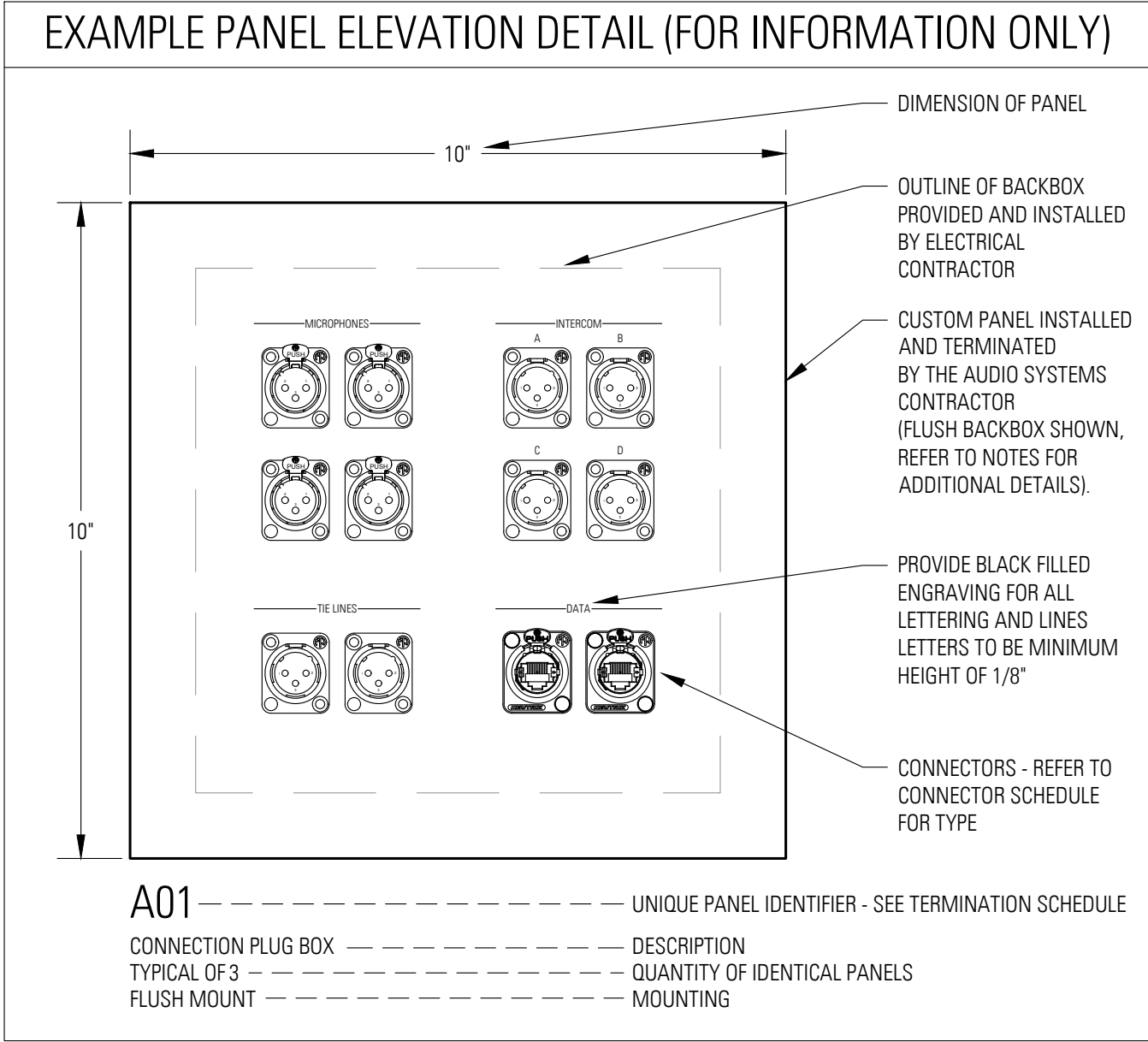
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Job Number

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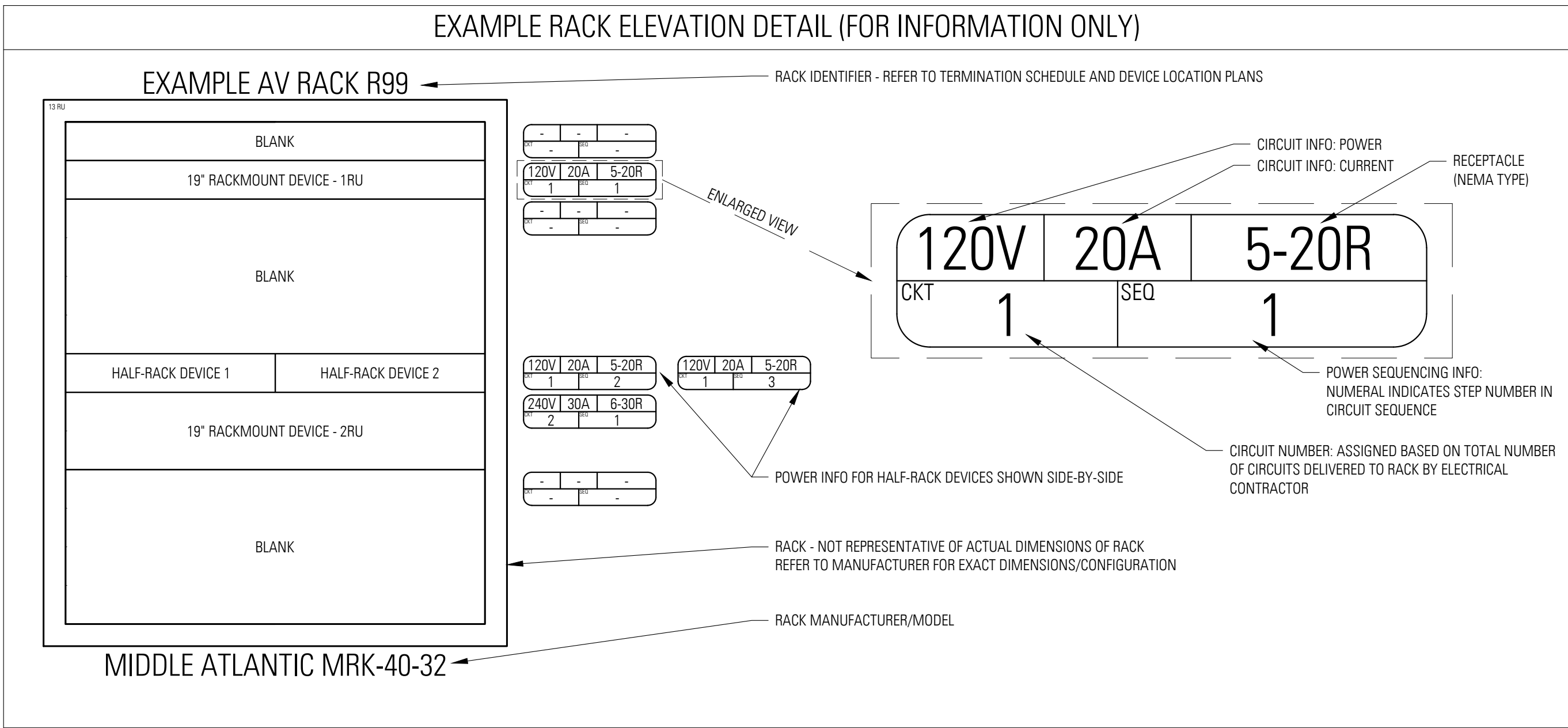
EA-202

FILE NAME:



- PANEL ELEVATION NOTES
1. FIELD VERIFY BOX SIZE AND ORIENTATION PRIOR TO SUBMITTAL AND FABRICATION OF PANELS.
 2. SUBMIT SHOP DRAWINGS DETAILING FIELD COORDINATED PANEL SIZE, CONNECTOR LAYOUT, AND LABELING FOR DESIGN TEAM APPROVAL PRIOR TO FABRICATION OF PANELS.
 3. NUMBER EACH PANEL AND CONNECTOR UNIQUELY.
 4. FOR FLUSH MOUNTED BACK BOXES, PROVIDE PANEL WITH 1" FLANGE.
 5. FOR SURFACE MOUNTED BACK BOXES, PROVIDE PANEL WITH SAME DIMENSIONS AS BACK BOX.
 6. TERMINATION PANELS SHALL BE 1/8" THICK BLACK ANODIZED ALUMINUM WITH WHITE-FILLED ENGRAVED NOMENCLATURE.
 7. ALL PANEL MOUNT CONNECTORS SHALL BE TERMINATED PER MANUFACTURER SPECIFICATIONS.
 8. SERVICE LOOPS SHOULD BE PROVIDED AT ALL PANEL AND EQUIPMENT TERMINATIONS ALLOWING EASE OF DISMOUNTING FOR INSTALLATION, SERVICE AND INSPECTION.

AV CONNECTOR SCHEDULE			
IMAGE	DESCRIPTION	MFR.	MODEL
	XLR - FEMALE 3-pole receptacle, solder cups, black metal housing, gold contacts	NEUTRIK	NC3FD-L-B-1
	XLR - MALE 3-pole receptacle, solder cups, black metal housing, gold contacts	NEUTRIK	NC3MD-L-B-1
	NL4 4-pole chassis connector, black D-size flange, 1/4" flat tabs	NEUTRIK	NL4MP-UC (use TE 61227-1 terminal for cable termination)
	BNC 75Ω isolated feedthrough, black housing	NEUTRIK	NB875DFIB
	ETHERCON - CAT6A shielded, IDC termination, black housing	NEUTRIK	NE8FDX-Y6-B
	ETHERCON - CAT6 tool-free IDC terminal, black metal housing	NEUTRIK	NE8FDY-C6-B
	RCA Phono socket, solder cups, black metal housing	NEUTRIK	NF2D-B-0 (black) NF2D-B-2 (red) NF2D-B-4 (yellow) NF2D-B-8 (white)
	HDMI HDMI 1.4 feedthrough adapter, black housing	NEUTRIK	NAHDMI-W-B
	USB USB 3.0 Feedthrough adapter, black housing	NEUTRIK	NAUSB3-B
		LINK USA (LK)	LKG 24/2E6 MV
		LINK USA (LK)	LKG 24/2E6 FV
	DECORA FRAME/KEYSTONE RJ45 INSERTS Modular frame and inserts for data connections	HUBBELL	DECORA OUTLET FRAME: ISFxBK (x = # OF OPENINGS) CAT6A SHIELDED INSERT: SJ6Axx (x = PKG QTY, A/B WIRING) CAT6A UNSHIELDED INSERT: HJB6Axx (x = PKG QTY) CAT6 SHIELDED INSERT: SJ6xx (x = PKG QTY, A/B WIRING) CAT6 UNSHIELDED INSERT: HJ6xx (x = COLOR, PKG QTY) CAT5E SHIELDED INSERT: SJ5Exx (x = PKG QTY, A/B WIRING) CAT5E UNSHIELDED INSERT: HJ5Exx (x = COLOR, PKG QTY) NOTE: FILL UNUSED OPENINGS WITH BLANK INSERT: HUBBELL SFBxx (COLOR TO MATCH)



- AV RACK ELEVATION NOTES
1. SUBMIT SHOP DRAWINGS DETAILING:
 - 1.1. FIELD COORDINATED RACK PLAN, SECTION, AND ELEVATION
 - 1.2. POWER DETAILS (GROUNDING, CIRCUITING, DISTRIBUTION, AND SEQUENCING)
 2. ALL EQUIPMENT SHOWN IN THE RACK ELEVATION DRAWINGS IS PLACED FOR PROPER OPERATOR CONVENIENCE. SUBMIT ANY CHANGES FOR CONSULTANT APPROVAL WITH THE SHOP DRAWING SUBMITTAL.
 - 2.1. ALL EQUIPMENT SHALL BE PLACED IN THE RACK WITH REGARDS TO LOGICAL SIGNAL FLOW, EMI, PROPER VENTILATION AND OPERATOR CONVENIENCE. SUBMIT ANY CHANGES TO THE BID SPECIFICATION RACK ELEVATIONS FOR APPROVAL AS PART OF THE SHOP DRAWING SUBMITTAL.
 3. RACK MOUNT PANELS SHALL BE 1/8" THICK BLACK ANODIZED ALUMINUM OR BLACK POWDER-COATED 16-GAUGE STEEL WITH WHITE FILLED ENGRAVED NOMENCLATURE.
 4. ALL EQUIPMENT RACKS SHALL BE CONSIDERED CUSTOM ASSEMBLIES AND SHALL BE FABRICATED AND TESTED AT THE CONTRACTOR'S FACILITY PRIOR TO INSTALLATION AT THE SITE.
 - 4.1. EQUIPMENT RACKS SHALL NOT BE BROUGHT TO THE SITE UNTIL THE ROOMS THEY ARE TO BE SET IN ARE PAINTED, CLEANED, DUST FREE AND READY FOR OCCUPANCY.
 - 4.2. ALL EQUIPMENT RACKS SHALL BE INSTALLED LEVEL AND SQUARE ALLOWING BOTH FRONT AND REAR ACCESS PER CODE. SUBMIT DRAWINGS DETAILING THE PLACEMENT OF THE RACKS COORDINATED WITH ALL OTHER FURNITURE, FIXTURES, AND EQUIPMENT PRIOR TO INSTALLATION.
 - 4.3. ALL EQUIPMENT RACKS SHALL BE ELECTRICALLY ISOLATED FROM THE FLOOR WITH A RUBBER ISOLATION PAD.
 - 4.4. ALL EQUIPMENT RACKS SHALL BE ELECTRICALLY ISOLATED FROM THE CONDUIT SYSTEM AS DETAILED IN THE ELECTRICAL PLANS AND SPECIFICATIONS.
 - 4.5. ALL WIRING AND CABLE SHALL BE FORMED INTO HARNESES, NEATLY GROUPED, TIE WRAPPED AND SUPPORTED BY VERTICAL AND HORIZONTAL LACING BARS.
 - 4.6. ALL WIRE, CABLE, TERMINALS, AND EQUIPMENT SHALL BE CLEARLY LABELED AS TO THEIR FUNCTION, CIRCUIT, OR SYSTEM.
 - 4.7. ALL NON-USER-CONTROLLED EQUIPMENT SHALL BE SUPPLIED WITH SECURITY COVERS TO AVOID TAMPERING OF PRESET LEVELS.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR POWER DISTRIBUTION IN ALL PORTABLE AND PERMANENT AUDIO & VIDEO EQUIPMENT RACKS.
 - 5.1. PLUG STRIPS ARE NOT ACCEPTABLE
 - 5.2. PERMANENT AUDIO & VIDEO EQUIPMENT RACKS SHALL BE HARDWIRED AND TERMINATED DIRECTLY TO THE PANEL BOARD.
 - 5.3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERING AND TERMINATING THE SPECIFIED CTP CIRCUITS TO THE EQUIPMENT RACKS.
 - 5.4. PORTABLE RACKS SHALL HAVE A TEN (10) FOOT SO-TYPE EXTENSION CABLE FOR CONNECTION TO THE CTP RECEPTACLES.
 - 5.5. EACH PERMANENT RACK SHALL HAVE A MINIMUM OF ONE (1) UNUSED RECEPTACLE PER CIRCUIT.
 - 5.6. EACH PORTABLE RACK SHALL HAVE A MINIMUM OF TWO (2) UNUSED RECEPTACLES.
 6. FURNISH ANY ADDITIONAL ITEMS, NOT SPECIFICALLY MENTIONED HEREIN, TO MEET GOOD ENGINEERING PRACTICE, WITHOUT CLAIM FOR ADDITIONAL PAYMENT. SUCH ITEMS MAY INCLUDE HARDWARE, TRANSFORMERS, TERMINAL STRIPS, CONNECTORS, RESISTORS, CAPACITORS AND OTHER DEVICES FOR PROPER INSTALLATION, INTERFACE, ISOLATION OR GAIN STRUCTURE.

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General Notes

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Drawing Title

PANEL & RACK INDEX

Drawn Date

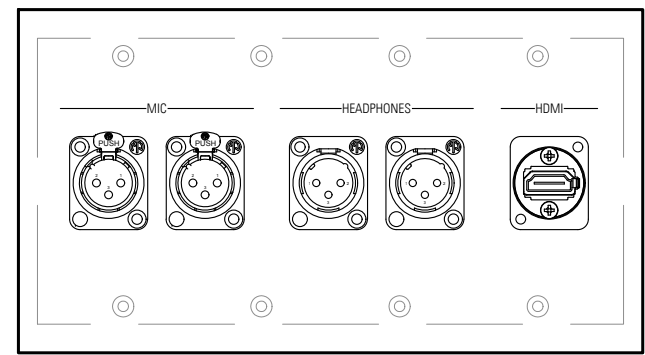
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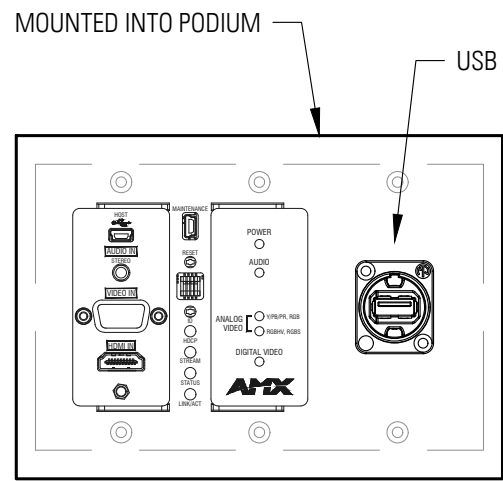
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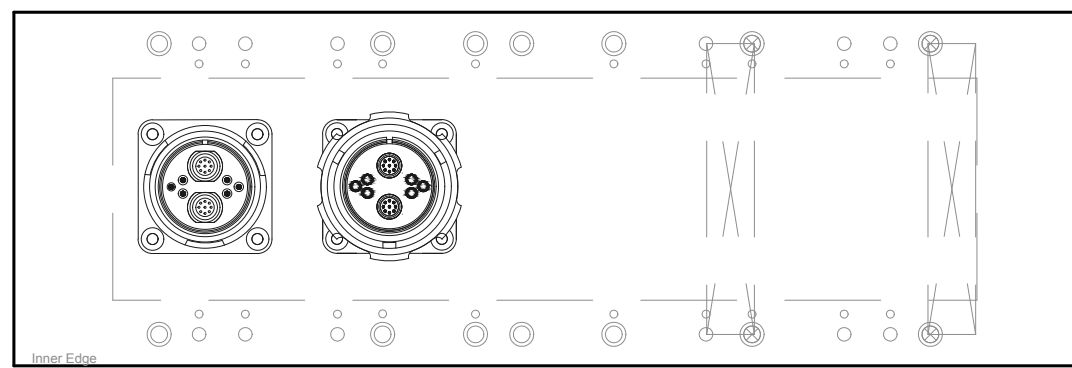
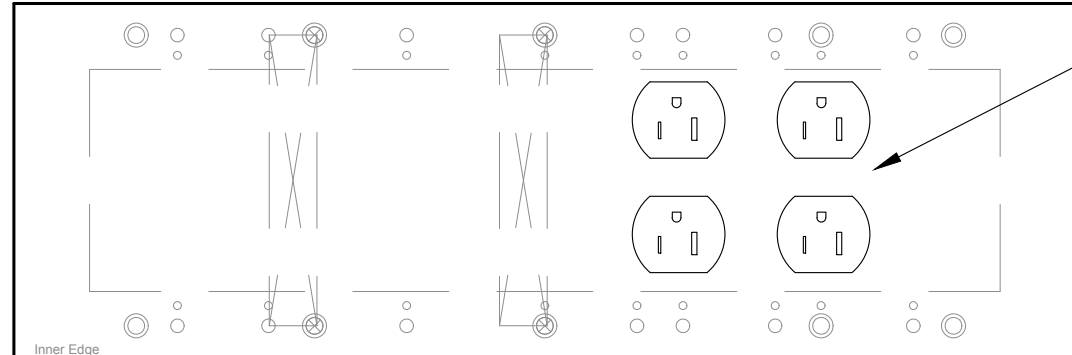
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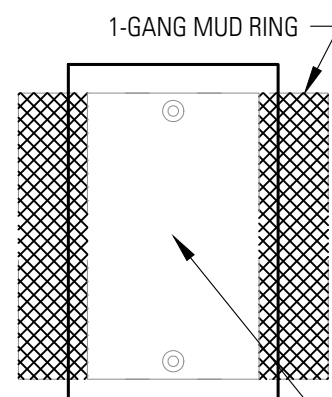
A01
AV INPUT PLUG BOX
TYPICAL OF 10
4-GANG FLUSH MOUNT



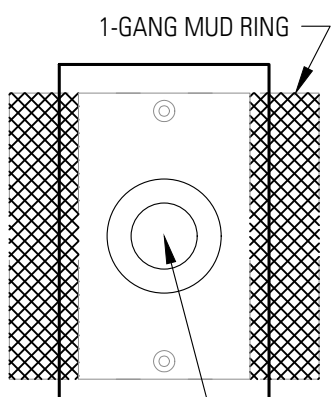
A02
PODIUM AV INPUT PANEL
TYPICAL OF 1
3-GANG FLUSH MOUNT



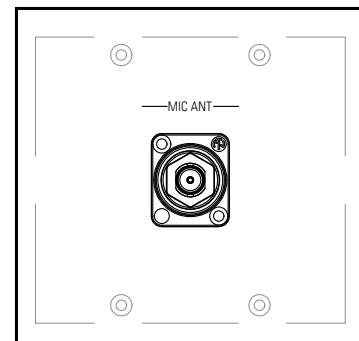
L01
PODIUM AV PLUG BOX
TYPICAL OF 1
FLUSH MOUNT - FSR FL-600P



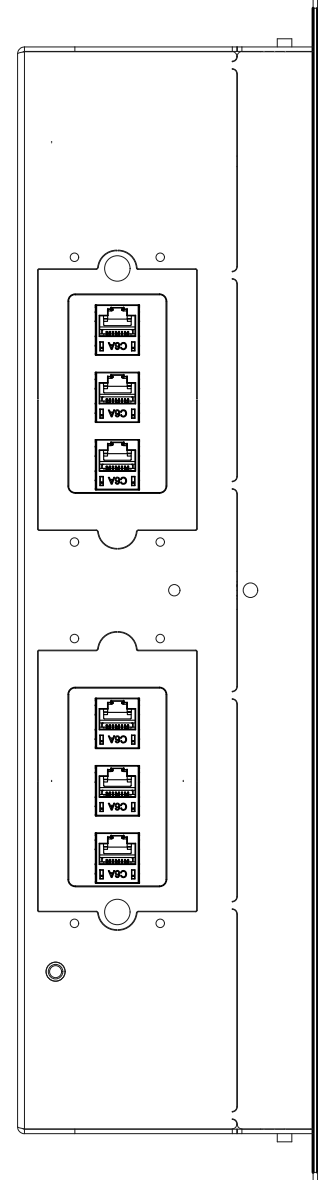
M01
MICROPHONE PLUGBOX
TYPICAL OF 4
1-GANG PANEL FLUSH MOUNTED OVER 2-GANG BACKBOX



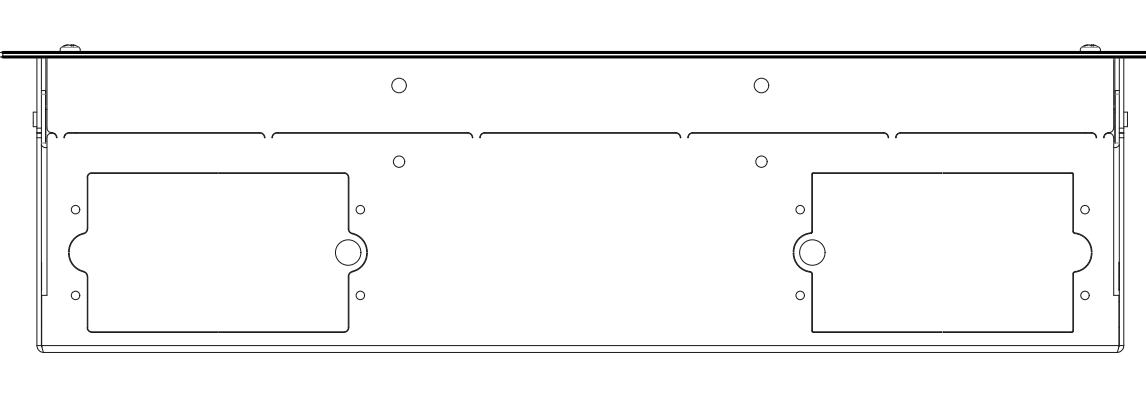
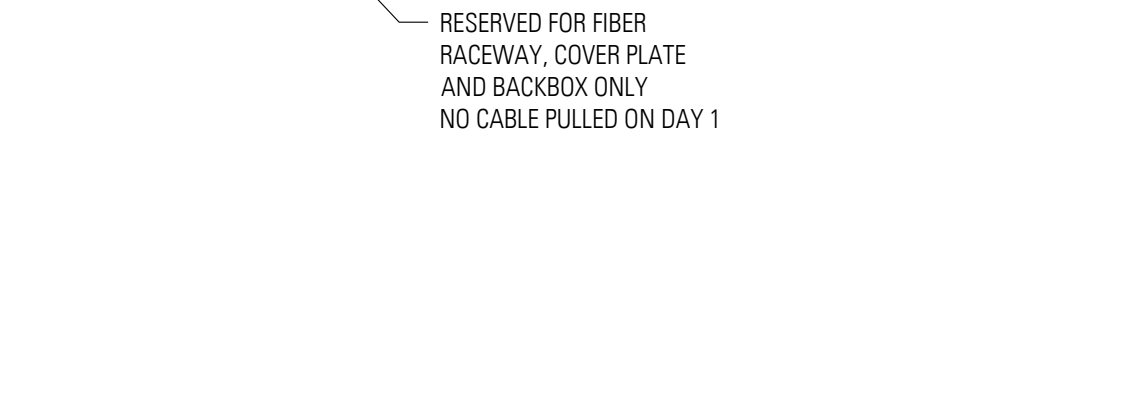
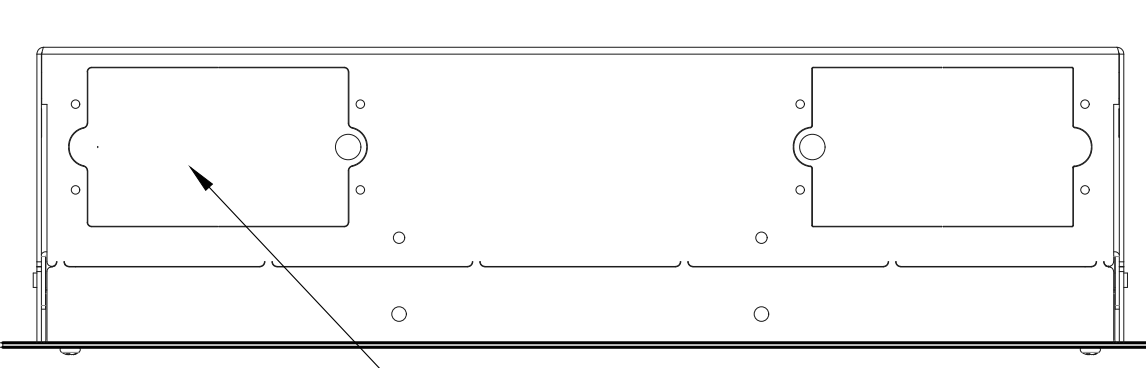
O01
PROJECTION SCREEN CONTROL
TYPICAL OF 3
1-GANG PANEL FLUSH MOUNTED OVER 2-GANG BACKBOX



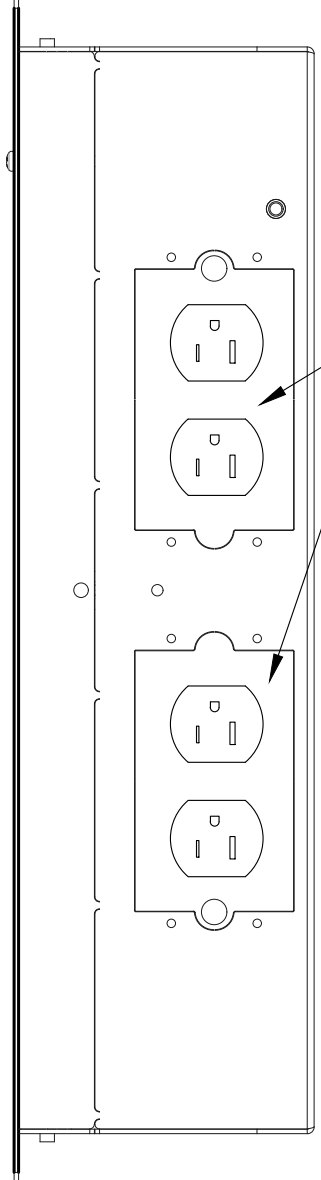
T01
WIRELESS MIC ANTENNA PLUGBOX
TYPICAL OF 2
2-GANG FLUSH MOUNT



D01
DISPLAY PLUG BOX
TYPICAL OF 10
FLUSH MOUNT - CHIEF PAC-526-FCW

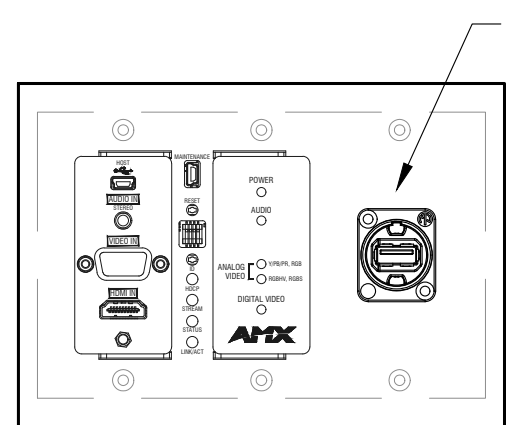


D01
DISPLAY PLUG BOX
TYPICAL OF 10
FLUSH MOUNT - CHIEF PAC-526-FCW

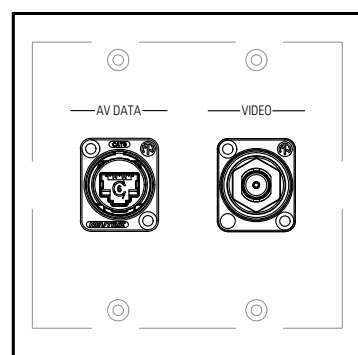


D01
DISPLAY PLUG BOX
TYPICAL OF 10
FLUSH MOUNT - CHIEF PAC-526-FCW

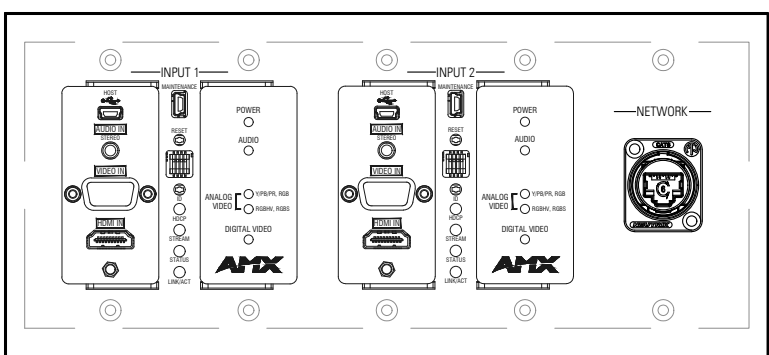
ACTIVE LEARNING CLASSROOM (A200A)



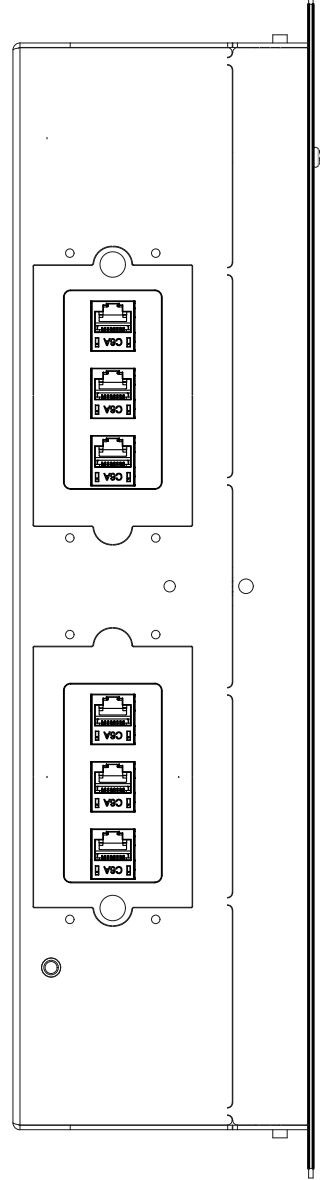
A41
INSTRUCTOR INPUT PANEL
TYPICAL OF 1
3-GANG FLUSH MOUNT



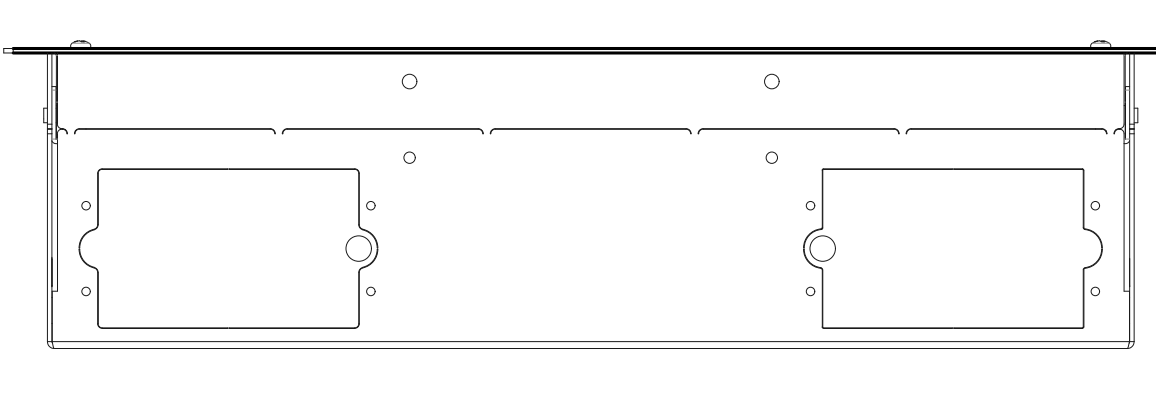
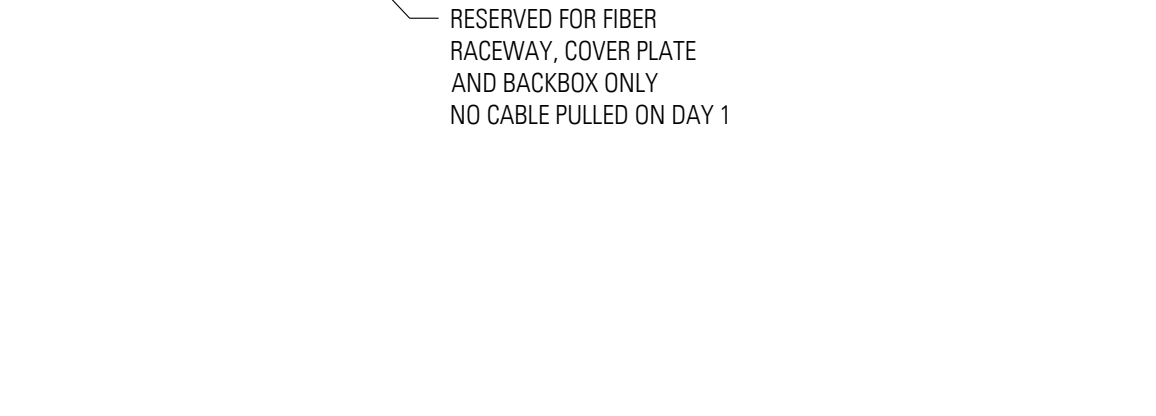
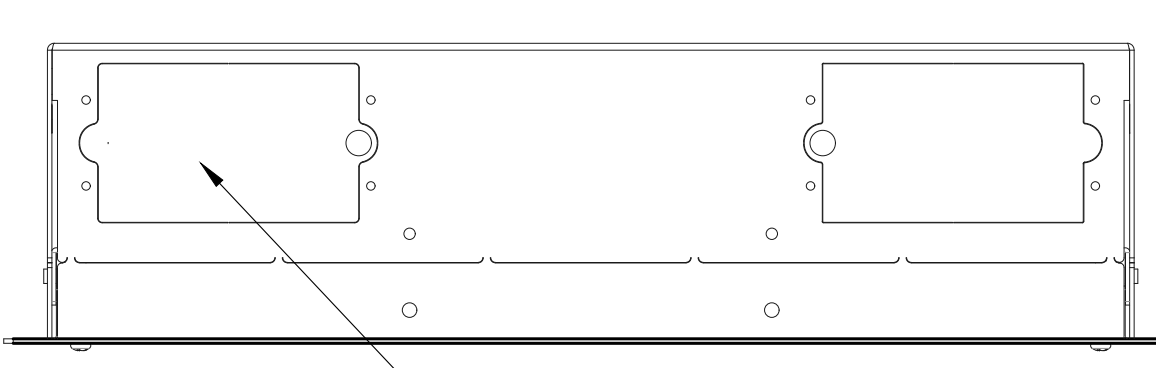
A42
ULTRASOUND PLUG BOX
TYPICAL OF 1
2-GANG FLUSH MOUNT



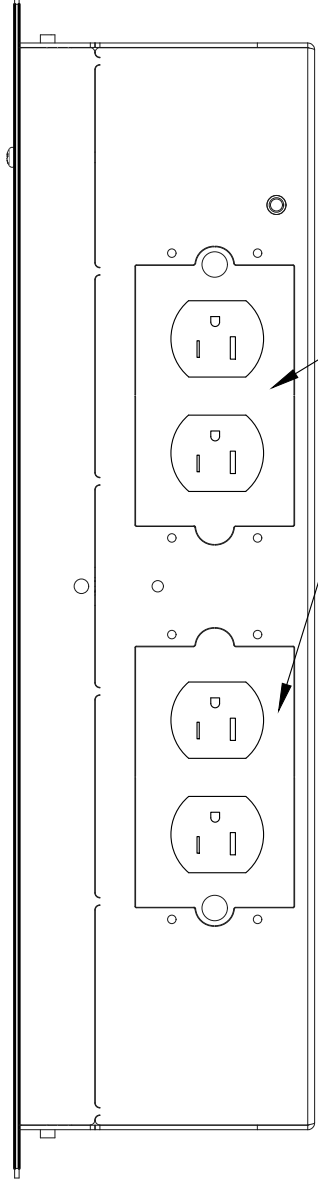
A43
ANATOMAGE TABLE PLUG BOX
TYPICAL OF 2
5-GANG FLUSH MOUNT



D41
DISPLAY PLUG BOX
TYPICAL OF 1
FLUSH MOUNT - CHIEF PAC-526-FCW

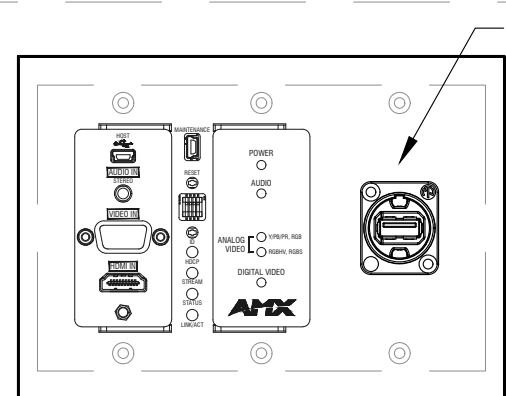


D41
DISPLAY PLUG BOX
TYPICAL OF 1
FLUSH MOUNT - CHIEF PAC-526-FCW

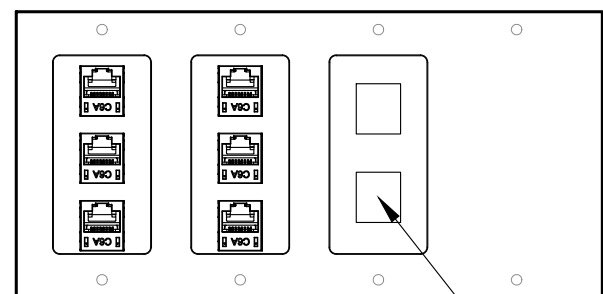


D41
DISPLAY PLUG BOX
TYPICAL OF 1
FLUSH MOUNT - CHIEF PAC-526-FCW

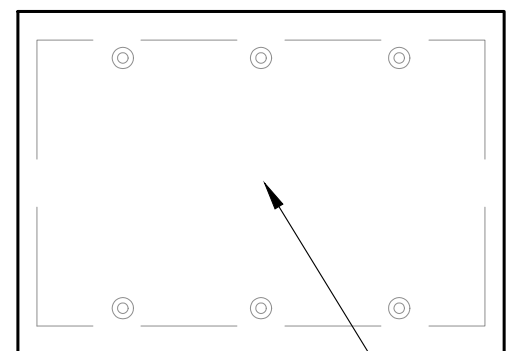
ANATOMAGE LAB (B221)



A31
AV INPUT PANEL
TYPICAL OF 2
3-GANG FLUSH MOUNT



D31
DISPLAY PLUG BOX
TYPICAL OF 1
4-GANG SURFACE MOUNT



D32
CEILING DISPLAY PLUG BOX
TYPICAL OF 8
3-GANG FLUSH MOUNT

RACEWAY, COVER PLATE
AND BACKBOX ONLY
NO CABLE PULLED ON DAY 1

ANATOMY LAB (B223)

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PANEL ELEVATIONS

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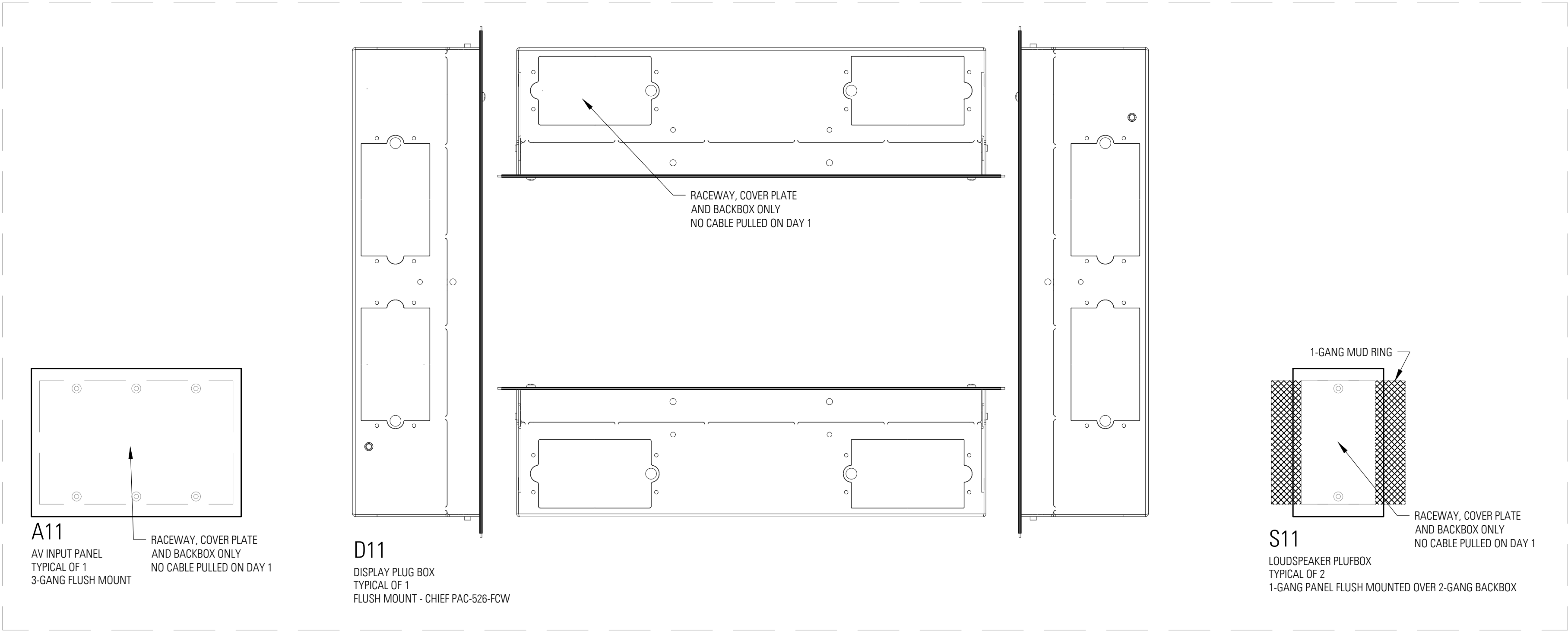
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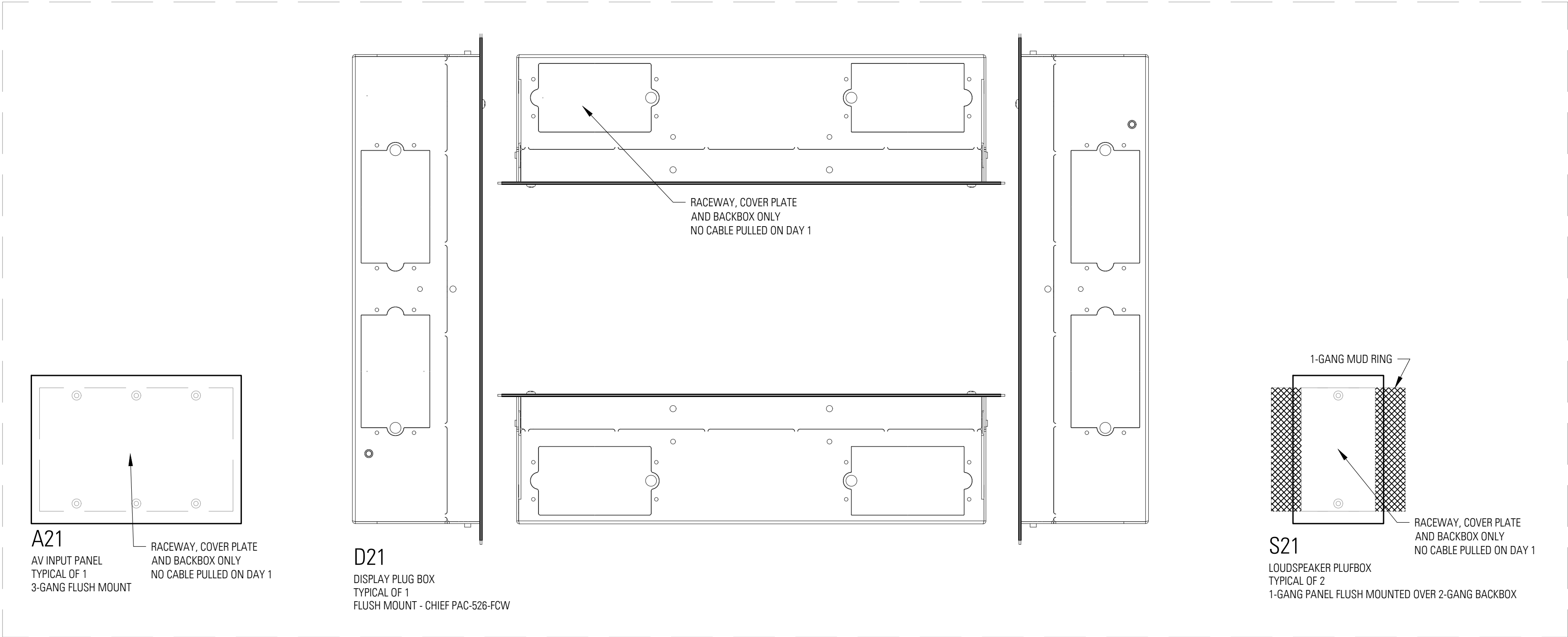
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EA-302

FILE NAME:



ALTERNATE #1 & 2: SEMINAR AND CONFERENCE ROOM (TYP. OF 3 - A200B, A200C, A209)



ALTERNATE #3: CONFERENCE ROOM

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Drawing Title

PANEL ELEVATIONS

Drawn Date

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Job Number

000-0000

EA-303

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Drawing Title

RACK ELEVATIONS

Drawn Date

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EA-304

FILE NAME:

RACK R99

WIRELESS MICS SHURE QLX-D	WIRELESS MICS SHURE QLX-D
SHELF WITH COLLAB. HUB, ENCODER & DECODER	
CONTROL SYSTEM CRESTRON CP3N	
WEB-BASED CONTROLLER AMX SC-N8002	
OPEN	
SLIDING SHELF WITH COMPUTER MIDDLE ATLANTIC SS WITH DELL LAPTOP	
Q-SYS PROCESSOR QSC CORE 110F	
Q-SYS PROCESSOR QSC CORE 110F	
NETWORK SWITCH HP JL074A	
NETWORK SWITCH HP JL074A	
CABLE MANAGEMENT MIDDLE ATLANTIC HCM-1D	
CAT6 PATCH PANEL BELDEN AX104564	
CAT6 PATCH PANEL BELDEN AX104564	
4 CH AMP QSC SPA4-60	BLANK
BLANK	
3RU DRAWER MIDDLE ATLANTIC D3	
UPS MIDDLE ATLANTIC UPS-1000R-8IP	
BLANK	

MIDDLE ATLANTIC SR-24-32

MIDDLE ATLANTIC UFA 14.5 WITH:
(1) MERSIVE SOLSTICE POD UNLIMITED
(1) AMX NMX-DEC-N1222
(1) AMX NMX-ENC-N1122

120V	20A	5-20R
1	1	1

120V	20A	5-20R
1	1	1

RACK R98

BLANK	
SHELF WITH HUB AND VIDEO SCALER MIDDLE ATLANTIC UFA 14.5 WITH (2) APPLE TV & (1) TVONE 1T-VS-622	
SHELF WITH ENCODERS MIDDLE ATLANTIC UFA 14.5 WITH (3) AMX NMX-ENC-N1122	
PROCESSOR AMX NMX-WP-N1512	
CONTROL SYSTEM CRESTRON CP3N	
BLANK	
NETWORK SWITCH HP JL074A	
CABLE MANAGEMENT MIDDLE ATLANTIC HCM-1D	
CAT6 PATCH PANEL BELDEN AX104564	
BLANK	
4 CH AMP QSC SPA4-60	BLANK
BLANK	
BLANK	
BLANK	
3RU DRAWER MIDDLE ATLANTIC D3	
UPS MIDDLE ATLANTIC UPS-1000R-8IP	
BLANK	

MIDDLE ATLANTIC MRK-2431

120V	20A	5-20R
1	1	1

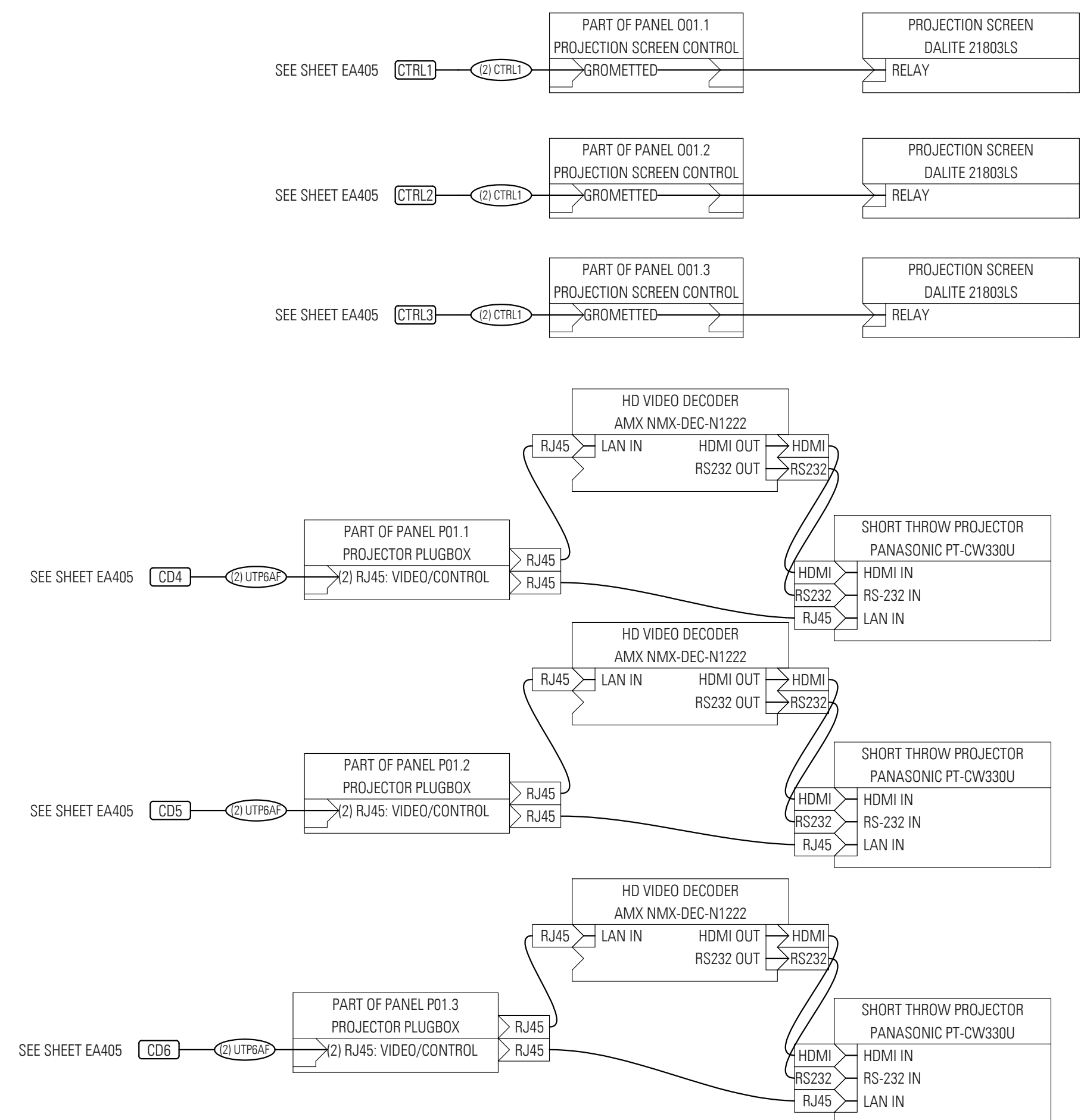
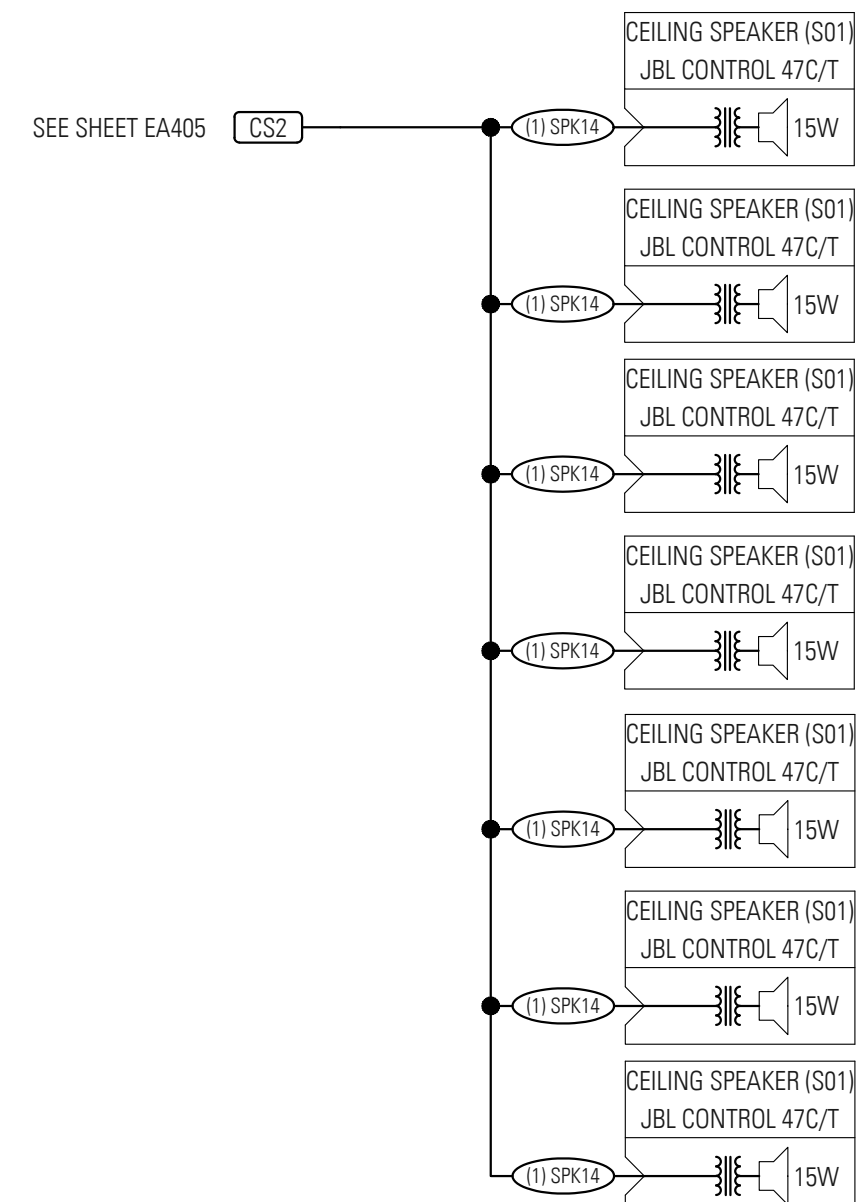
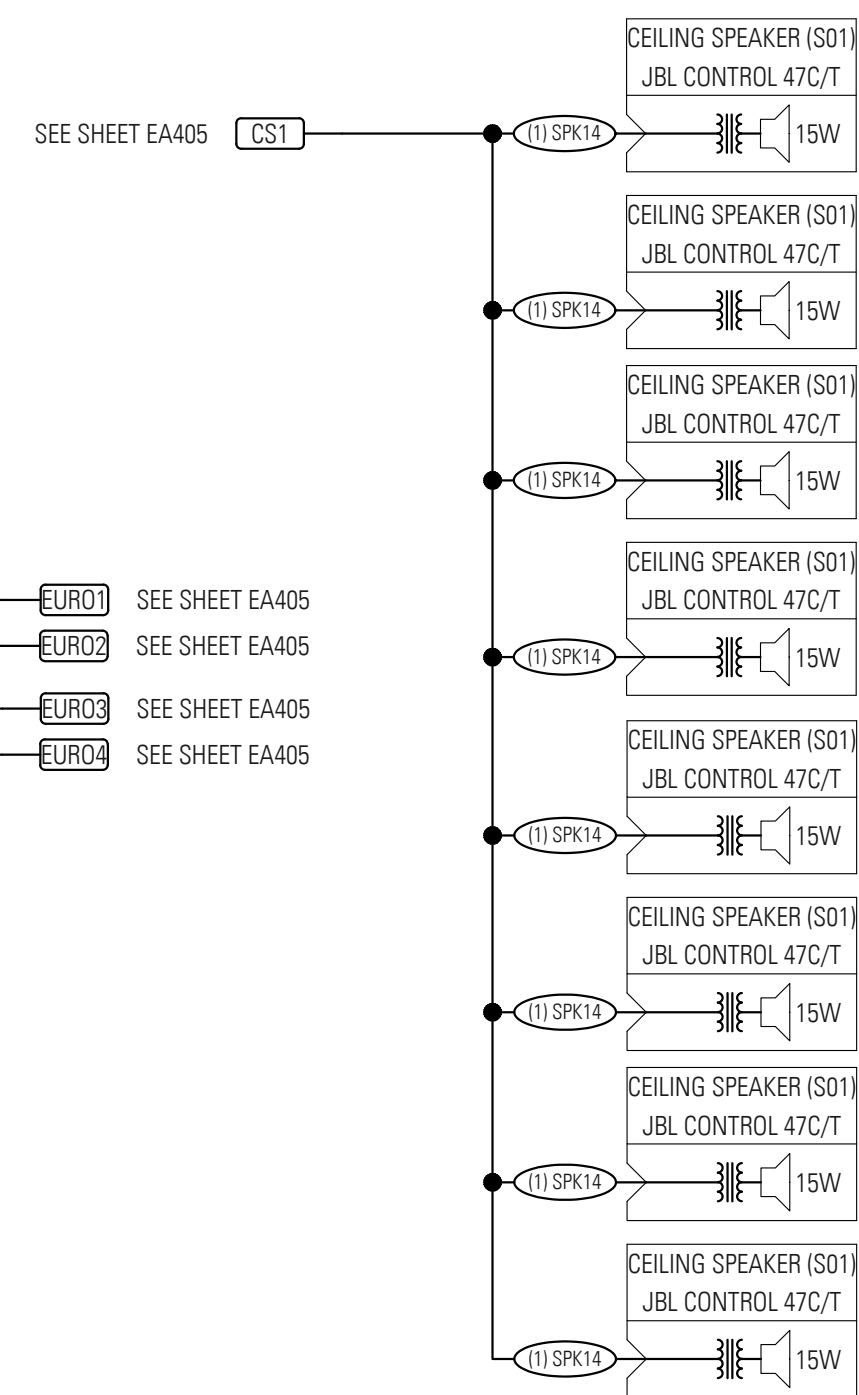
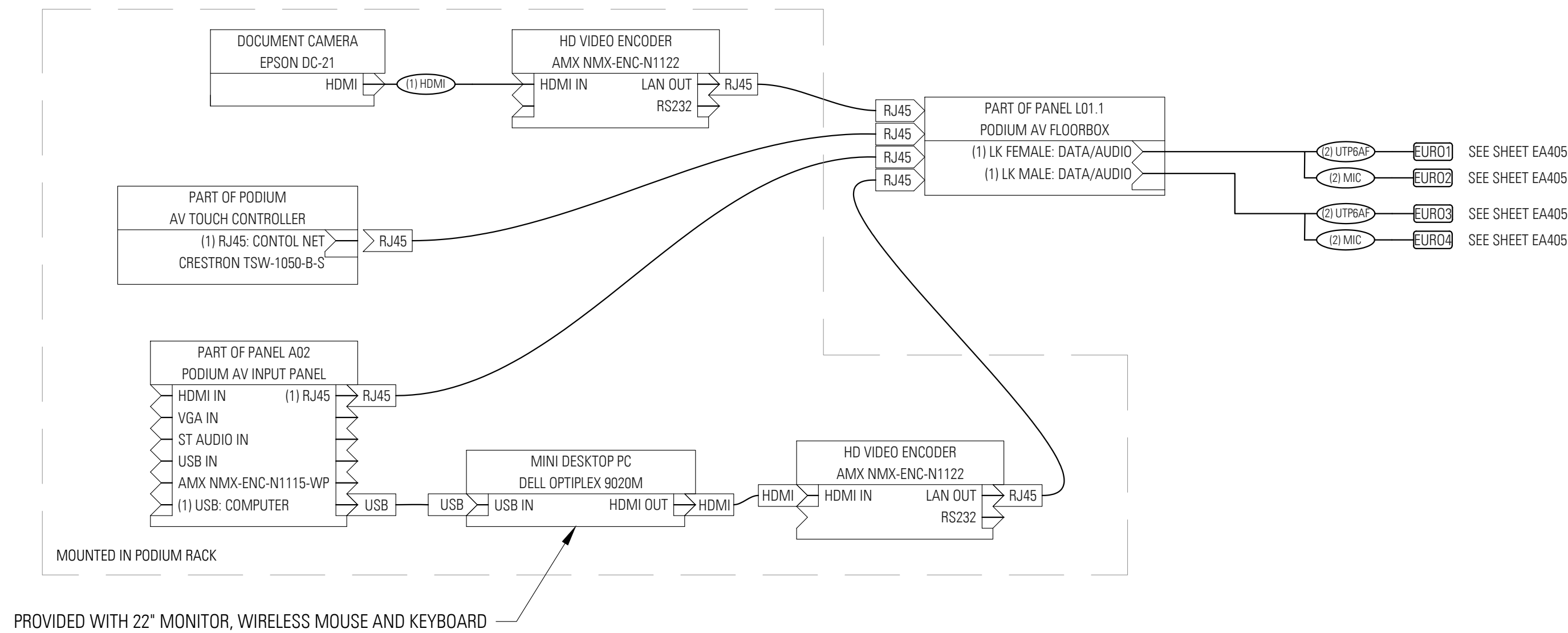
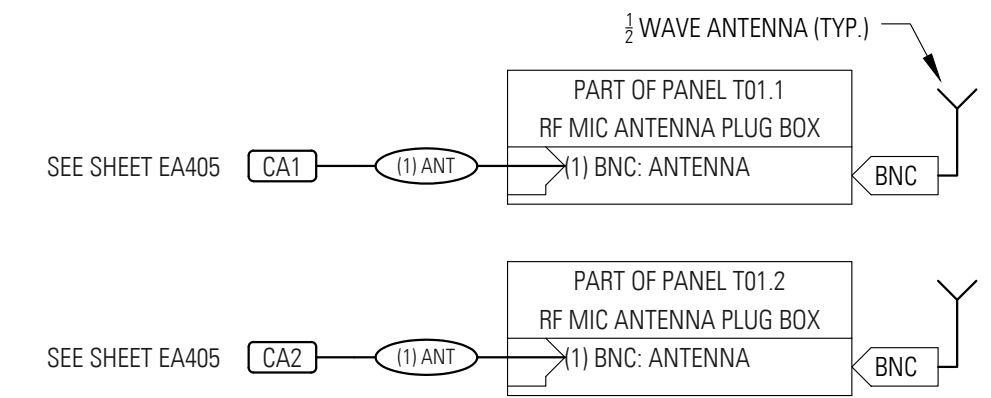
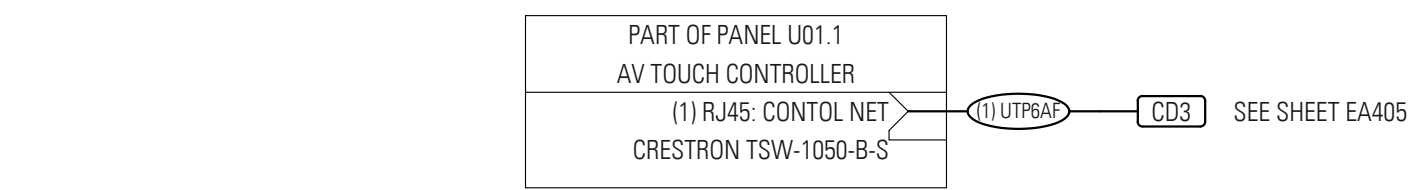
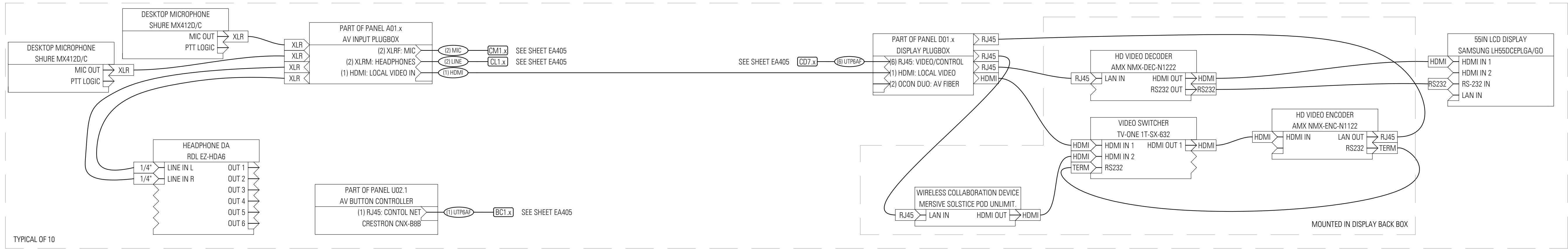
120V	20A	5-20R
1	1	1

PODIUM RACK

BLANK
SHELF WITH ENCODERS MIDDLE ATLANTIC UFA 14.5 WITH (3) AMX NMX-ENC-N1122
BLANK
SHELF WITH COMPUTER MIDDLE ATLANTIC UFA 14.5 WITH DELL OPTIPLEX 9020M
BLANK
BLANK
BLANK
UPS MIDDLE ATLANTIC UPS-S1500R
BLANK

SPECTRUM INDUSTRIES 11RU RACK

120V	20A	5-20R
1	1	1



ELECTRICAL CONTRACTOR TO REFERENCE EA SERIES FOR CONDUIT SIZING, BACKBOX TYPES AND DEVICE LOCATION. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONDUIT AND BACKBOX FOR AV EQUIPMENT. AV SYSTEM WILL BE INSTALLED BY AV VENDOR UNDER A SEPARATE CONTRACT.

General Notes

FOR REFERENCE ONLY

No.	Description	Date
3	100% CONSTRUCTION DOCUMENTS	9/22/2016
2	50% CONSTRUCTION DOCUMENTS	7/01/2016
1	SCHEMATIC DESIGN	5/26/2016

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Drawing Title

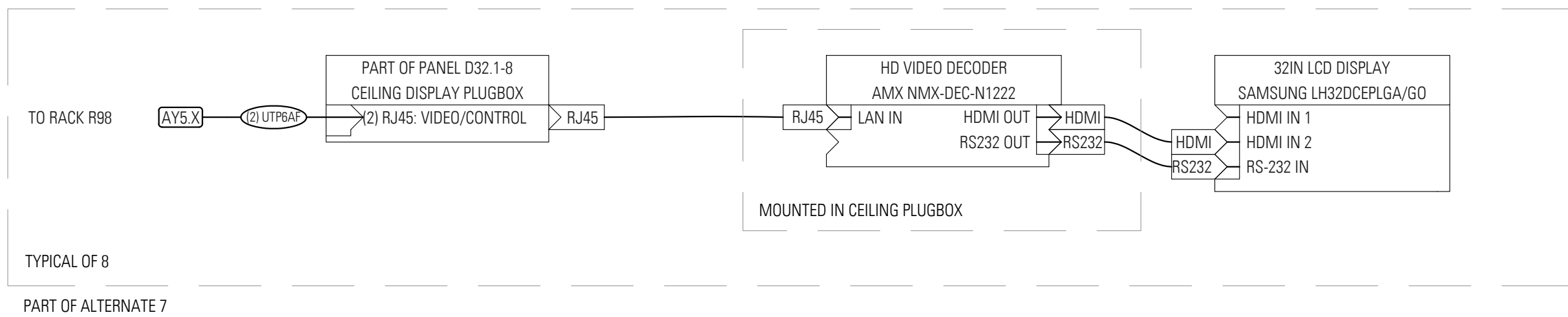
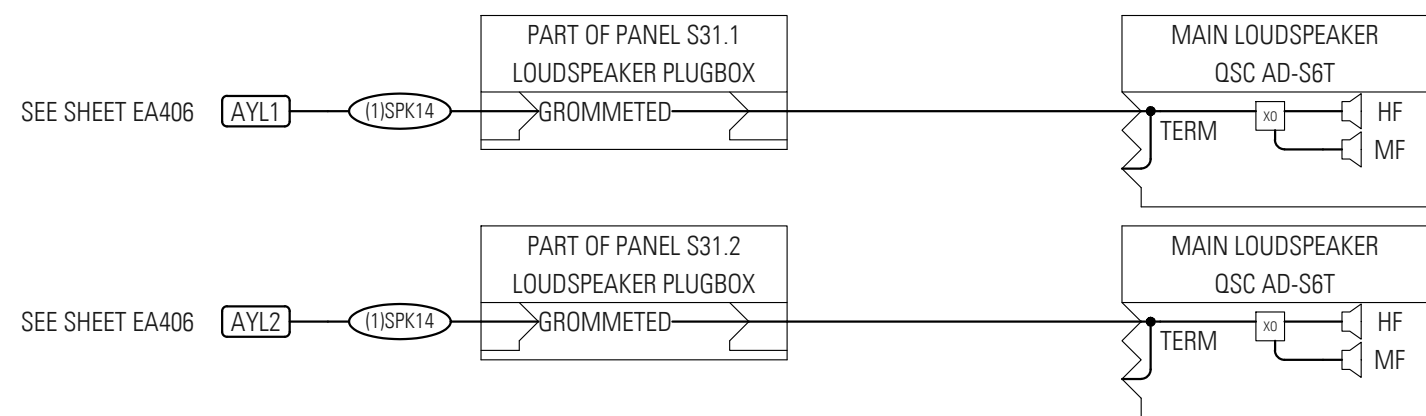
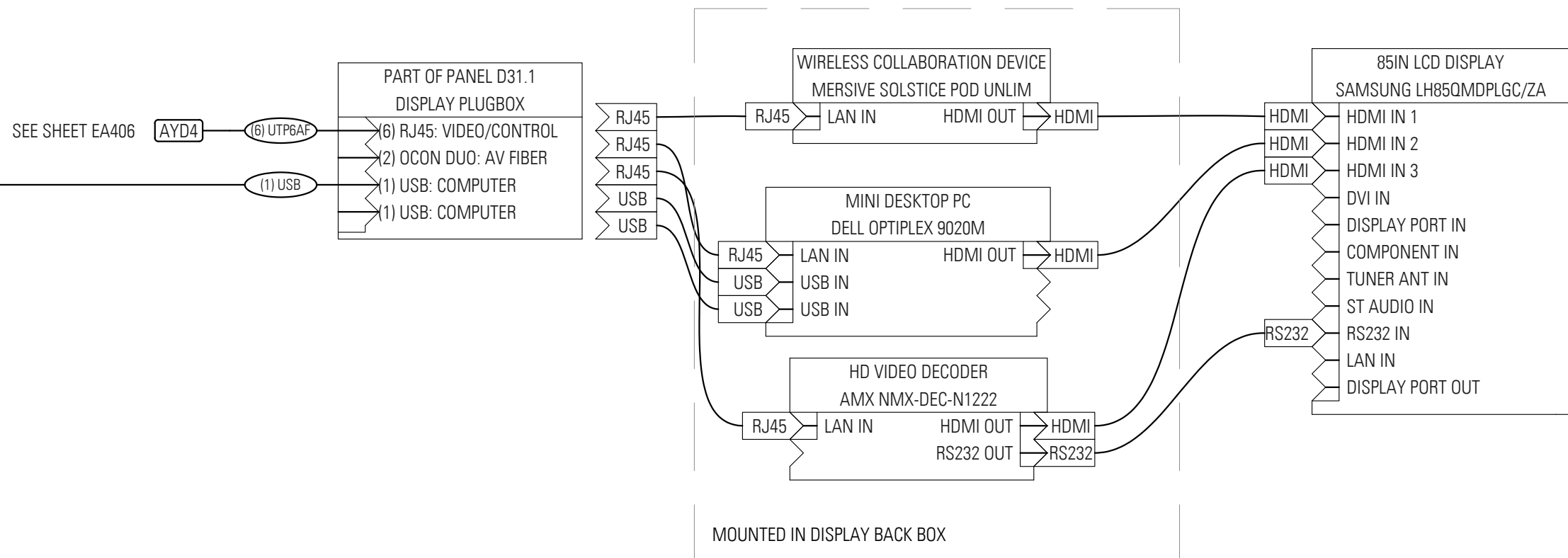
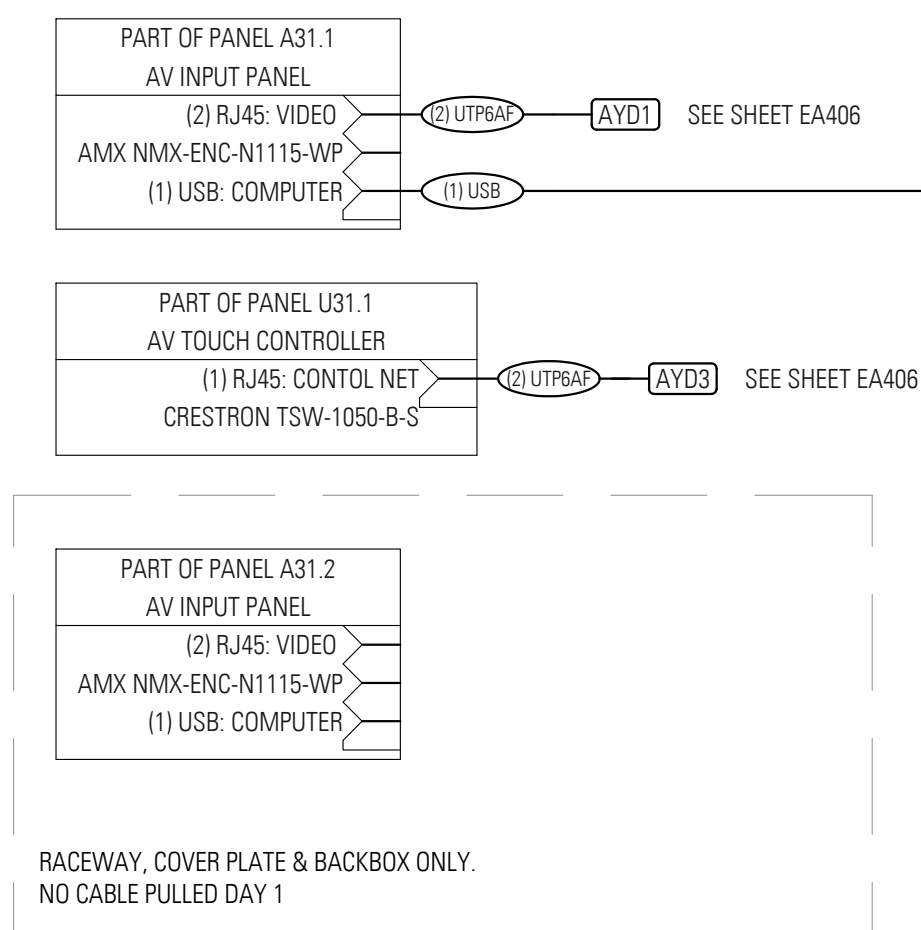
AV SIGNAL FLOW

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EA-401

FILE NAME:



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Drawing Title

AV SIGNAL FLOW

Drawn Date

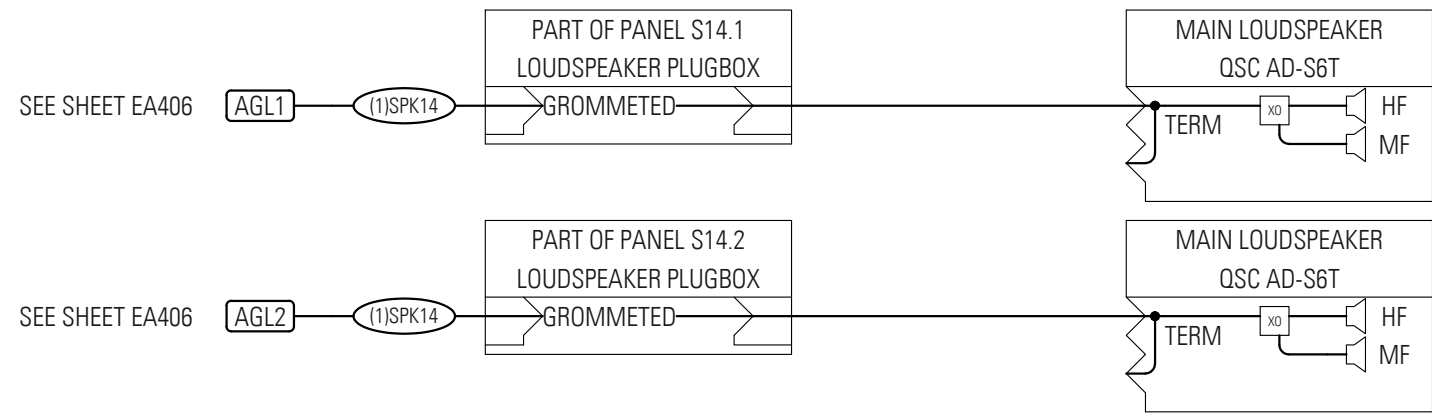
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FILE NAME:



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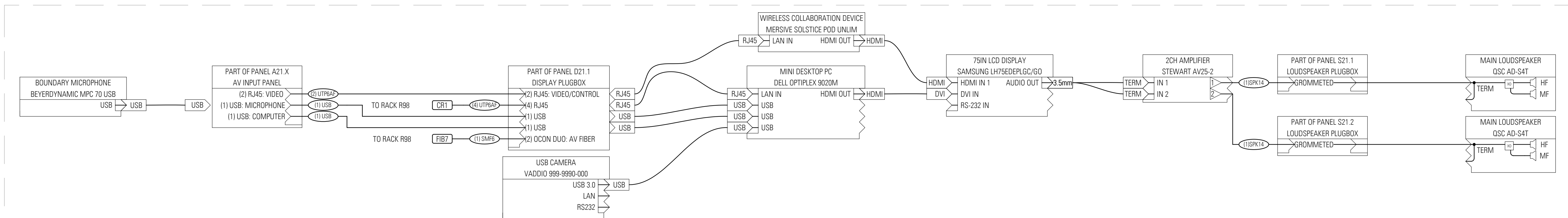
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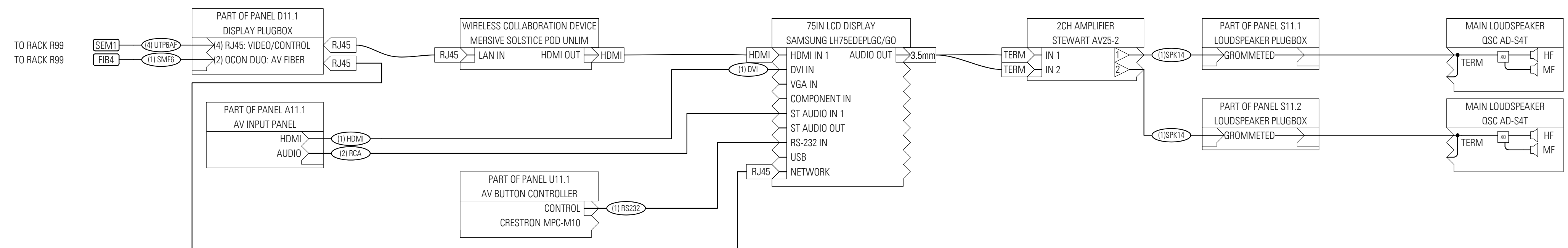
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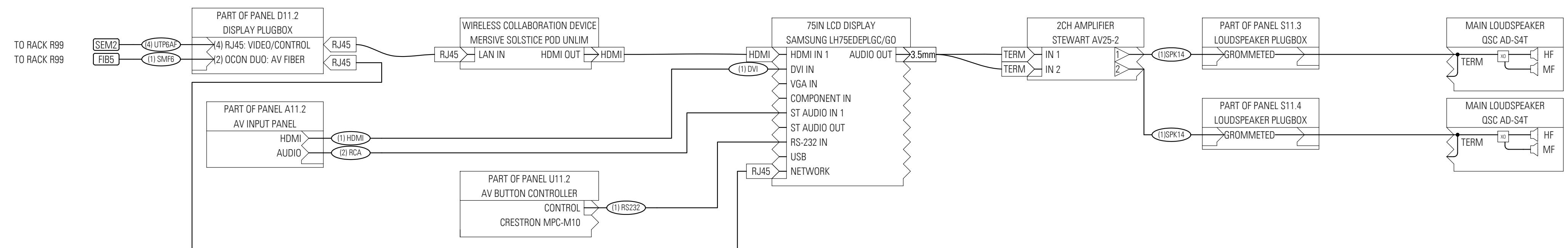
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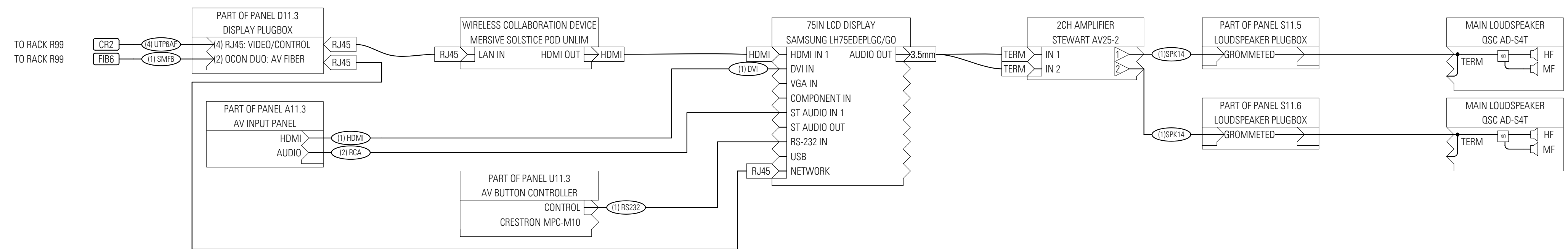
ALTERNATE 3: CONFERENCE ROOM (B216)



ALTERNATE 1: SEMINAR ROOM (A200B)



ALTERNATE 1: SEMINAR ROOM (A200C)



ALTERNATE 2: CONFERENCE ROOM (A209)

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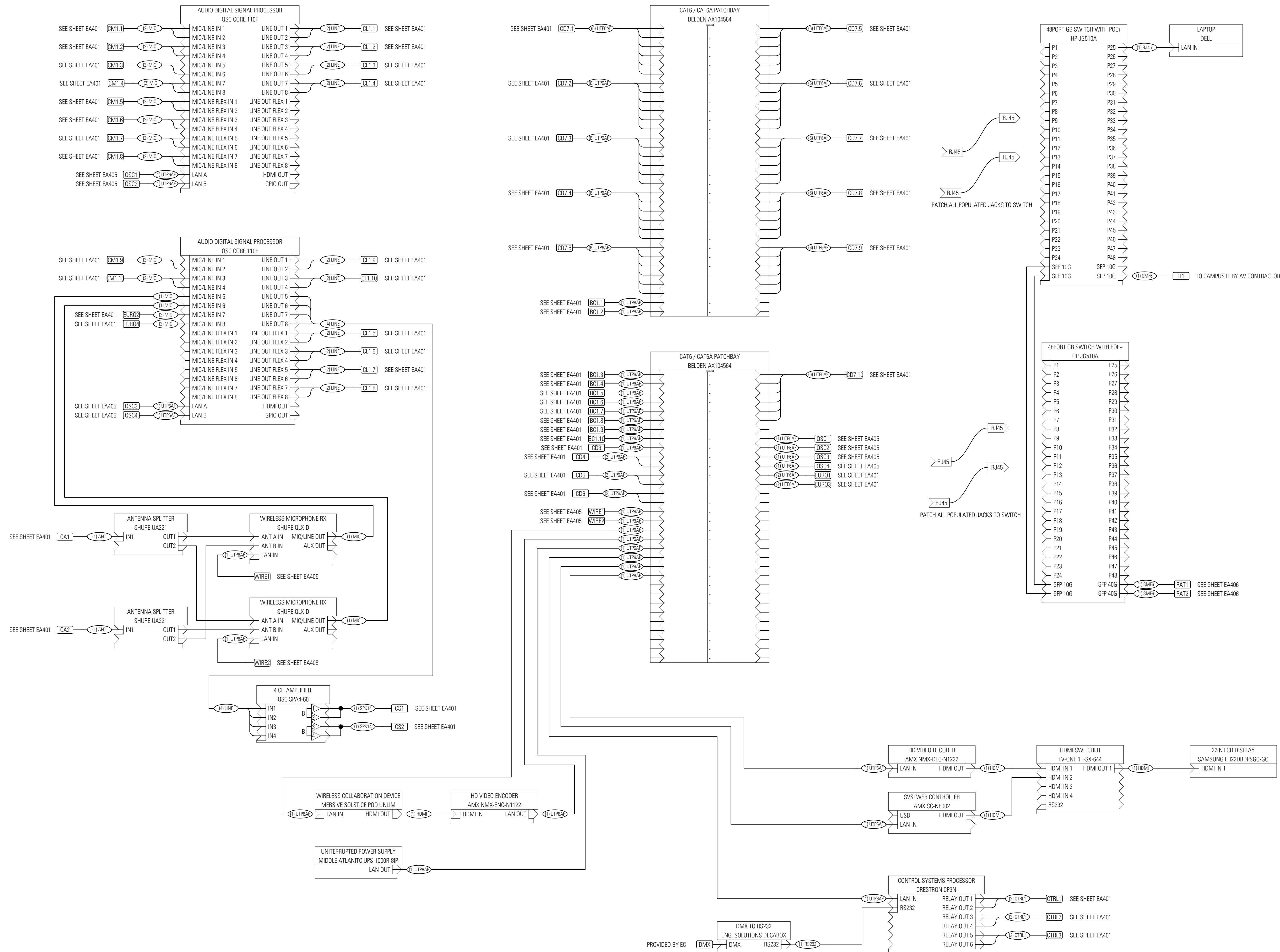
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Job Number

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FILE NAME:



1 ROOM A217 AV EQUIPMENT ROOM(R99)

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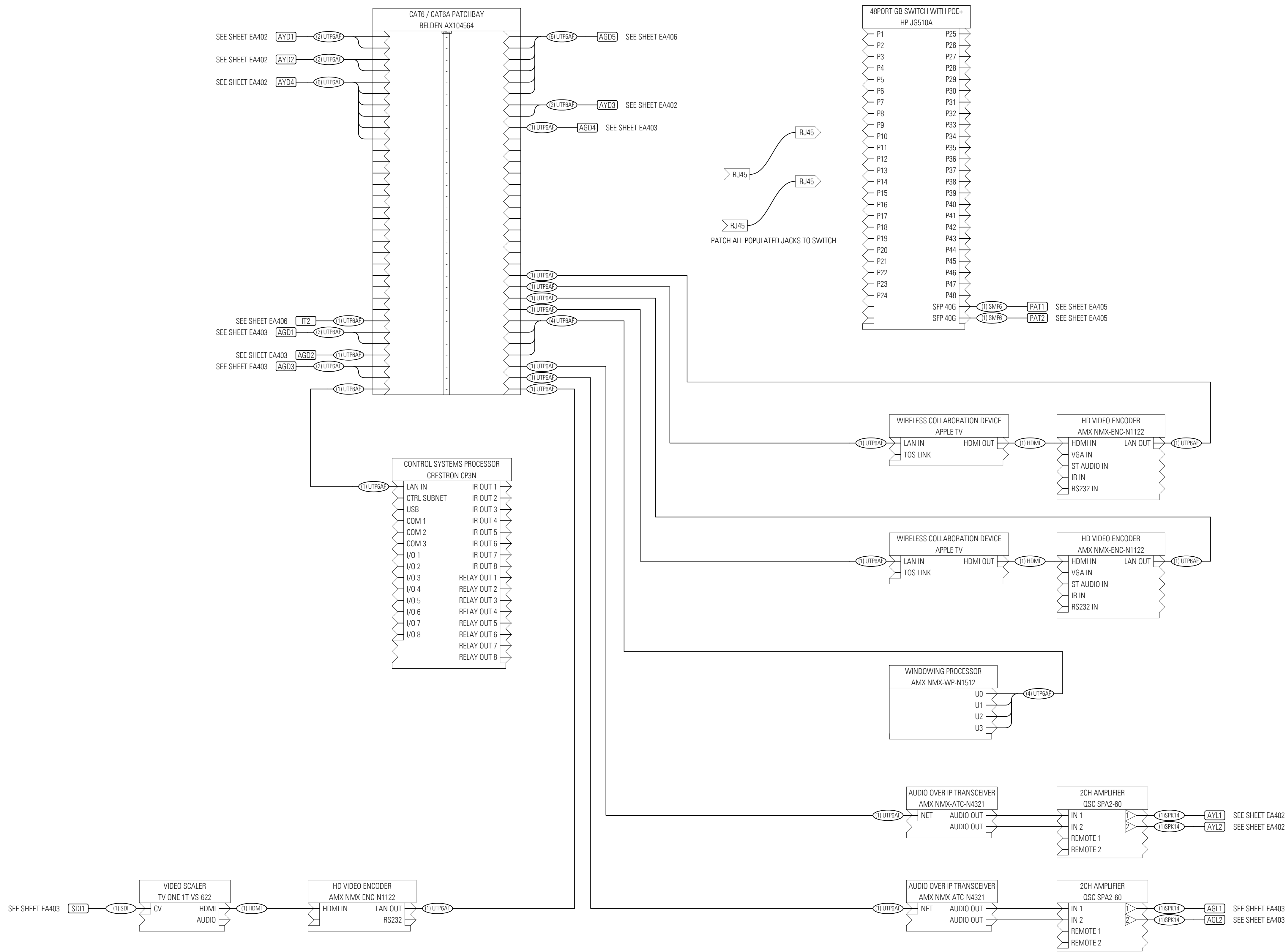
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Job Number

EA-405

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FILE NAME:



ELECTRICAL CONTRACTOR TO REFERENCE EA SERIES FOR CONDUIT SIZING, BACKBOX TYPES AND DEVICE LOCATION. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONDUIT AND BACKBOX FOR AV EQUIPMENT. AV SYSTEM WILL BE INSTALLED BY AV VENDOR UNDER A SEPARATE CONTRACT.

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FILE NAME:

1 ROOM B222C AV EQUIPMENT ROOM (R98)