

SAN RAFAEL CITY SCHOOLS SAN RAFAEL HIGH SCHOOL AD BUILDING REMODEL 150 3RD STREET, SAN RAFAEL, CA 94901

FILE: 21-H1 APPL: 01-119449



STATEMENT OF GENERAL CONFORMANCE BELOW IS A STATEMENT OF GENERAL CONFORMANCE AS PER DSA IR A-18 AND/OR IR A-19. FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS. (APPLICATION NO. 01-119449 FILE NO. 21-H1) THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET THIS DRAWING, PAGE OF SPECIFICATIONS/CALCULATIONS 1) DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND 2) COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT. THE STATEMENT OF GENERAL CONFORMANCE SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344 OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317 [B]) I FIND THAT: [X] ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET [] THIS DRAWING OR PAGE [X] IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND 07-16-2021 [X] HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS. W. Lee Pollard 7/16/21 C-13315 11-30-2021 ARCHITECT OF RECORD LICENSE # EXPIRATION DATE

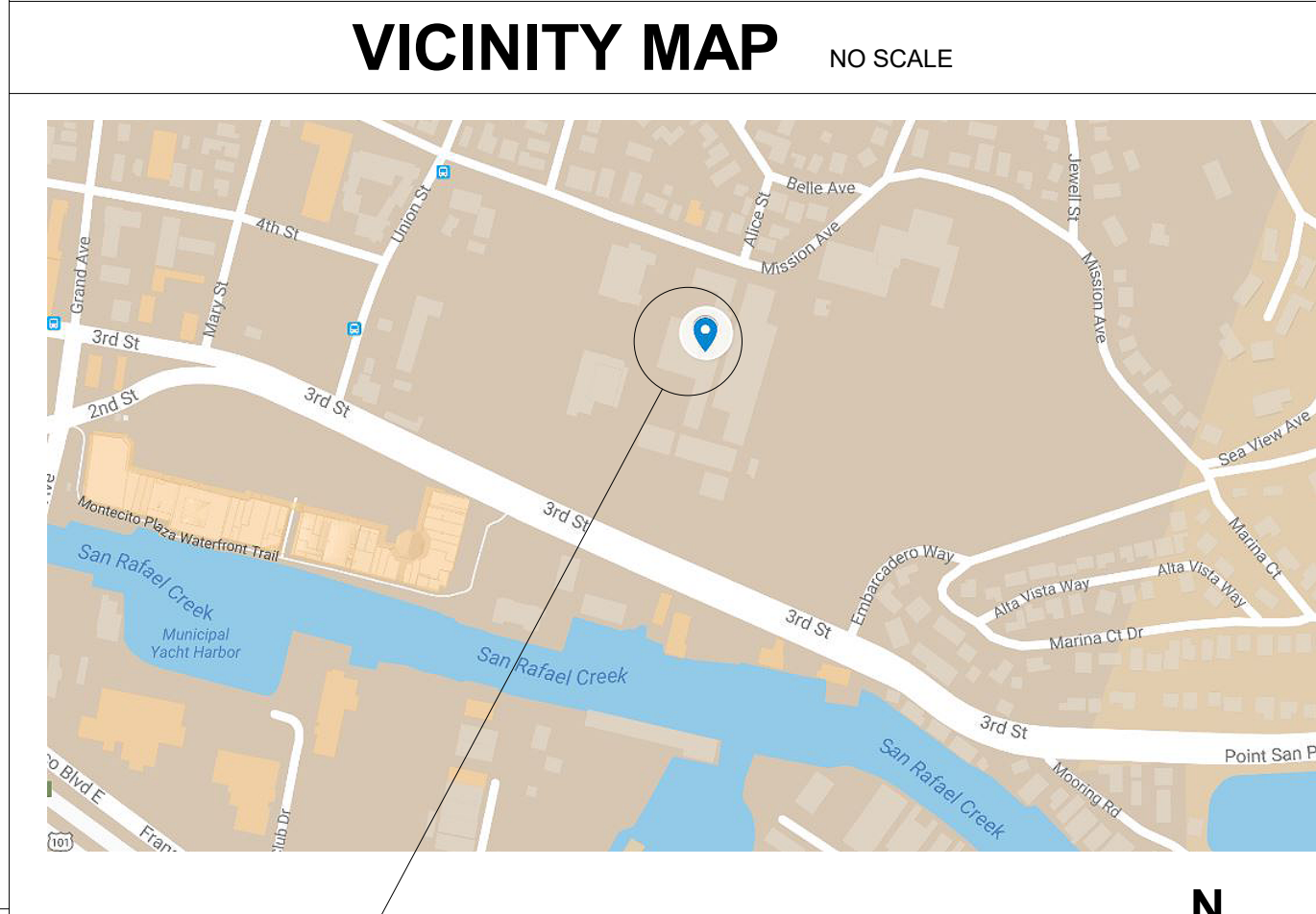
GENERAL NOTES 1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SEE TO IT THAT ALL MATERIALS AND/OR WORK DESCRIBED, DEPICTED OR DETAILED WITHIN THESE DOCUMENTS, BE FURNISHED AND/OR INSTALLED REGARDLESS OF THE LOCATION OF THAT MATERIAL OR WORK WITHIN THE DOCUMENTS OR OMISSION (WHETHER DELIBERATE OR ACCIDENTAL) OF THAT MATERIAL OR WORK BY A SUBCONTRACTOR ON HIS/HER BID. 2. ALL CONTRACTORS, WHETHER THE GENERAL OR SUB, SHALL CONSIDER THESE DOCUMENTS IN THEIR ENTIRETY. DISCREPANCIES OR CONTRADICTIONS BETWEEN PORTIONS OF THESE DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT LEAST 48 HRS PRIOR TO BID OPENING FOR CLARIFICATION. OTHERWISE EITHER DESCRIPTION OR INSTRUCTION SHALL BE IN FORCE UNTIL ONE IS OMITTED BY THE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER. 3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY FENCING AND GATES, SIGNAGE, SECURITY LIGHTING OR OTHER SECURITY AND CONTROL MEASURES NECESSARY TO PROVIDE FOR THE SAFETY OF STUDENTS, FACULTY AND STAFF AROUND THE WORK, UNTIL THE COMPLETION OF THE WORK UNLESS OTHERWISE DETERMINED BY THE ARCHITECT OR CONSTRUCTION MANAGER. 4. THE CONTRACTOR IS RESPONSIBLE TO REPAIR AND/OR REPLACE ALL DISTRICT PROPERTY DAMAGED DURING THE COURSE OF THE WORK, ESPECIALLY BUT NOT LIMITED TO ASPHALT PAVING AROUND THE SITE, STAGING AREA OR PATH OF TRAVEL TO EITHER. 5. THE CONTRACTOR SHALL LIMIT HIS/HER ACTIVITY TO THE AREA DESCRIBED WITHIN THE DOCUMENTS SO AS TO LIMIT HIS/HER LIABILITY FOR DAMAGED PROPERTY UNLESS OTHERWISE PERMITTED BY THE CONSTRUCTION MANAGER OR OWNER. 6. ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ALL APPLICABLE CODES. SEE LIST THIS SHEET. 7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION EXCEPT APPROVAL. 8. ALL DIMENSIONS SHALL BE FACE OF STUD, UNLESS OTHERWISE NOTED. DIMENSIONS NOTED AS "CLR" MEAN CLEAR DIMENSION TO FACE OF FINISH. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. 9. ALL ITEMS IN THESE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED. 10. SCHEDULE ALL WORK OUTSIDE THE "EXTENT OF WORK" SET FORTH IN THESE DOCUMENTS WITH THE CONSTRUCTION MANAGER INCLUDING ACCESS AND STORAGE. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF CONSTRUCTION. 11. ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL EXISTING FACILITIES TO REMAIN MUST BE MAINTAINED IN SERVICE AT ALL TIMES. ANY SHUT DOWNS FOR NEW CONNECTIONS MUST BE COORDINATED WITH THE CONSTRUCTION MANAGER TWO WEEKS PRIOR TO THE REQUESTED SHUT DOWN. 12. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY ITEMS, DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK. INSTALLATION SHALL MATCH EXISTING IN KIND, QUALITY, AND PERFORMANCE. 13. THE CONTRACTOR SHALL CONTAIN ALL DUST AND DEBRIS TO THE CONSTRUCTION AREA. BROOM CLEAN ALL SIDEWALKS AND DRIVEWAYS EACH DAY. KEEP DIRT AND DUST TO A MINIMUM. 14. ALL REMODELED ITEMS LISTED TO BE SALVAGED FOR THE OWNER SHALL BE DELIVERED TO A PLACE OF STORAGE AS DIRECTED BY THE OWNER. ALL OTHER ITEMS MUST BE DISPOSED OF OFF SITE IN A LEGAL MANNER. 15. ALL WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC AND TO OCCUPANTS OF EXISTING BUILDINGS. 16. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA. A. COORDINATION WITH OTHER CONTRACTS: IF ANY PART OF THIS CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITING TO THE CONSTRUCTION MANAGER ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE OF THIS CONTRACTOR TO SO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTOR'S WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK. B. COORDINATION SCHEDULE: PORTIONS OF WORK UNDER THIS CONTRACTOR'S WORK MUST BE COMPLETED ON SCHEDULE IN ORDER FOR OTHER NOT-IN-CONTRACT WORK TO BE COMPLETED BY OTHERS. COORDINATION WITH THE CONSTRUCTION MANAGER AND STRICT ADHERENCE TO THE COMPLETION DATES FOR DESIGNATED PORTIONS OF WORK ARE IMPERATIVE. SEE SPECIFICATIONS FOR LIQUIDATED DAMAGES. 17. DEMOLITION IS NOT NECESSARILY LIMITED TO ONLY WHAT IS SHOWN ON THIS OR OTHER DRAWINGS OR AS OUTLINED IN THE SPECIFICATIONS. THE INTENT IS TO INDICATE GENERAL SCOPE OF DEMOLITION REQUIRED TO COMPLETE THE PROJECT WITH THE CONSTRUCTION DOCUMENTS. 18. ARCHITECT IS NOT RESPONSIBLE FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO, HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE. TO THE EXTENT THESE DOCUMENTS RELATE TO SUCH ISSUES, ARCHITECT'S PARTICIPATION IS SOLELY ADMINISTRATIVE WITHOUT ANY RESPONSIBILITY FOR THE CONTENT OR EXECUTION OF SUCH DOCUMENTS. 19. OF PARTICULAR IMPORTANCE IS THE NEED FOR CONTRACTOR TO ASSURE THAT ALL PERSONS ENTERING A POSSIBLY HAZARDOUS AREA, INCLUDING SUPERINTENDENTS, WORKERS, SUBCONTRACTORS, OTHER CONTRACTORS, AND OTHER PERSONS NOT UNDER CONTRACTUAL CONTROL TO THE CONTRACTOR, ARE AWARE OF PROCEDURES. 20. ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE STOPPED AND SEALED TO MAINTAIN THE REQUIRED RATING. 21. DETAIL DRAWINGS WITH REFERENCES TO FIRE-RATED ASSEMBLIES OR CONSTRUCTION WHICH HAVE BEEN TESTED BY UNDERWRITERS LABORATORIES, THE CALIFORNIA BUILDING CODE OR ANY OTHER APPROVED TESTING AGENCY, SHALL BE CONSTRUED TO INDICATE ALL CONSTRUCTION AND PROCEDURES CONTAINED IN THE REFERENCED ASSEMBLY FOR CONSTRUCTION. 22. CONTRACTOR TO MAINTAIN CONTEMPORANEOUSLY RECORDED "AS-BUILT" INFORMATION OF ALL WORK, WHICH SHALL BE MARKED IN COLOR ON THE DRAWINGS AND SPECIFICATIONS. A SCANNED PDF OF THE "AS-BUILT" DRAWINGS AND SPECIFICATIONS SHALL BE TURNED OVER TO THE OWNER'S REPRESENTATIVE PRIOR TO FINAL APPLICATION FOR PAYMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. 23. ALL ITEMS ARE NEW UNLESS OTHERWISE NOTED.

APPLICABLE CODES ALL WORK PERFORMED UNDER THIS CONTRACT IS TO CONFORM TO THE FOLLOWING CODES AND REGULATIONS: 2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, CCR BASED ON THE 2018 INTERNATIONAL BUILDING CODE (IBC) 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, CCR BASED ON THE 2018 NATIONAL ELECTRICAL CODE (NEC) 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, CCR BASED ON THE 2018 UNIFORM MECHANICAL CODE (UMC) 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, CCR BASED ON THE 2018 UNIFORM PLUMBING CODE (UPC) 2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR 2019 CALIFORNIA CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1-2007) 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, CCR BASED ON THE 2018 INTERNATIONAL FIRE CODE (IFC) 2019 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 CCR (2018 IEB CODE AND CALIFORNIA AMENDMENTS) 2019 CALIFORNIA GREEN BUILDING CODE (CALGreen), PART 11, TITLE 24, CCR 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 CCR TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS 2016 EDITION NFPA 14 INSTALLATION OF STANDPIPE SYSTEMS 2019 EDITION NFPA 17 STANDARD FOR DRY CHEMICAL EXTINGUISHING SYS. 2017 EDITION NFPA 17A STANDARD FOR WET CHEMICAL SYS. 2017 EDITION NFPA 20 INSTALLATION OF STATIONARY PUMPS 2019 EDITION NFPA 24 INSTALLATION OF PRIVATE FIRE MAINS 2019 EDITION NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE 2019 EDITION NFPA 80 FIRE DOORS AND OTHER OPENING PROTECTIVES 2019 EDITION NFPA 92 STANDARD FOR SMOKE CONTROL SYSTEMS 2018 EDITION NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYS 2019 EDITION NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEM 2018 EDITION REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2019 CBC CHAPTER 35 AND 2019 CFC CHAPTER 45 THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IN FORCE ON THE DATE OF THE CONTRACT, UNLESS OTHERWISE STATED. NOTHING ON THE DRAWINGS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE. COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, AND CBC CHAPTER 33, SAFETY DURING CONSTRUCTION WILL BE ENFORCED.

OWNER SAN RAFAEL CITY SCHOOLS 310 NOVA ALBION WAY SAN RAFAEL, CA 94903 DIRECTOR OF CAPITAL FACILITIES: DAN ZAICH SAN RAFAEL HIGH SCHOOL 150 THIRD STREET SAN RAFAEL, CA 94901 PRINCIPAL: GLEN DENNIS PROGRAM MANAGER GREYSTONE WEST COMPANY 621 WEST SPAIN STREET, SONOMA, CA 95476 CONTACT: JOHN DILENA CONSULTANTS ARCHITECT HIBSER YAMAUCHI ARCHITECTS, INC. 300 27TH STREET, 2ND FLOOR OAKLAND, CA 94612 CONTACT: PETER ENGEL STRUCTURAL ZFA STRUCTURAL ENGINEERS 801 MONTGOMERY STREET, #1450 SAN FRANCISCO, CA 94111 CONTACT: ANGIE SOMMER MECHANICAL / PLUMBING CAPITAL ENGINEERING CONSULTANTS 11020 SUN CENTER DRIVE, SUITE 100 RANCHO CORDOVA, CA 95670 CONTACT: TOM DUVAL ELECTRICAL / COMMUNICATIONS WKM ELECTRICAL CONSULTANTS 3397 MT. DIABLO BLVD., SUITE C LAFAYETTE, CA 94549 CONTACT: TIFFANY KANE

INDEX OF DRAWINGS ARCHITECTURAL A0.01 TITLE SHEET A0.02 SYMBOLS, LEGENDS AND ABBREVIATIONS A0.03 FIRE LIFE SAFETY & CODE ANALYSIS/FLOOR PLAN A0.04 ACCESSIBILITY SITE PLAN A0.05 EMERGENCY VEHICLE ACCESS PLAN A2.01 DEMOLITION PLAN A2.03 OVERALL FLOOR PLAN A2.04 ROOF PLAN A3.20 BUILDING SECTIONS A3.30 WALL SECTIONS A4.01 ENLARGED FLOOR PLANS A4.02 ENLARGED FLOOR PLANS A4.03 ENLARGED FLOOR PLANS A5.01 INTERIOR ELEVATIONS A5.02 INTERIOR ELEVATIONS A5.03 INTERIOR ELEVATIONS A5.01 DEMOLITION ROOF A6.02 REFLECTED CEILING PLAN A6.03 ENLARGED REFLECTED CEILING PLAN A9.01 INTERIOR WALL TYPES & DETAILS A9.02 INTERIOR DETAILS - SUSPENDED ACOUSTIC CEILING DETAILS A9.03 INTERIOR DETAILS A9.04 FINISH & DOOR SCHEDULE A9.05 SIGN SCHEDULE & DETAILS STRUCTURAL S0.1 GENERAL NOTES AND SPECIFICATIONS S1.1 TYPICAL CFS DETAILS S1.2 TYPICAL MISCELLANEOUS DETAILS S2.1 FIRST FLOOR FRAMING PLAN S2.2 SECOND FLOOR FRAMING PLAN S2.3 ROOF FRAMING PLAN S5.1 DETAILS MECHANICAL M0.1 MECHANICAL LEGENDS & GENERAL NOTES M0.2 MECHANICAL SCHEDULES M1.1 MECHANICAL FIRST FLOOR DEMOLITION PLAN M1.2 MECHANICAL ROOF DEMOLITION PLAN M2.1 MECHANICAL FIRST FLOOR PLAN M2.2 MECHANICAL ROOF PLAN M3.1 MECHANICAL FIRST FLOOR PIPING PLAN M5.1 MECHANICAL DETAILS M5.2 MECHANICAL DETAILS M6.1 MECHANICAL CONTROL DIAGRAMS M6.2 MECHANICAL CONTROL DIAGRAMS M6.3 MECHANICAL PIPING & WIRING DIAGRAMS M6.4 MECHANICAL PIPING & WIRING DIAGRAMS M7.1 MECHANICAL TITLE 24 DOCUMENTATION ELECTRICAL E0.01 ELECTRICAL SYMBOLS, NOTES AND SCHEDULES E0.02 ELECTRICAL ONE-LINE DIAGRAM E0.03 ELECTRICAL PANEL SCHEDULES E0.04 ELECTRICAL DETAILS E0.05 ELECTRICAL DETAILS E0.06 ELECTRICAL DETAILS E0.07 ELECTRICAL DETAILS E0.08 ELECTRICAL DETAILS E0.09 ELECTRICAL TITLE 24 INTERIOR LIGHTING E1.01 ELECTRICAL LIGHTING AND POWER SITE PLAN E1.02 ELECTRICAL SIGNAL SITE PLAN E2.01 ELECTRICAL DEMOLITION LIGHTING PLAN E2.02 ELECTRICAL LIGHTING PLAN E3.01 ELECTRICAL DEMOLITION POWER AND DATA PLAN E3.02 ELECTRICAL POWER AND DATA PLAN E3.03 ELECTRICAL ROOF DEMOLITION POWER PLAN E3.04 ELECTRICAL ROOF POWER PLAN E4.01 ELECTRICAL DEMOLITION SIGNAL PLAN E4.02 ELECTRICAL SIGNAL PLAN E5.01 ELECTRICAL DEMOLITION FIRE ALARM PLAN E5.02 ELECTRICAL FIRE ALARM PLAN E6.01 ELECTRICAL FIRE ALARM NOTES, DETAILS AND SCHEDULES E6.02 ELECTRICAL FIRE ALARM RISER DIAGRAMS TOTAL SHEETS: 68

ADMINISTRATIVE REQUIREMENTS 1. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO MODERNIZE EXISTING CLASSROOM AND ADMINISTRATION BUILDINGS IN AN EXISTING ELEMENTARY SCHOOL CAMPUS IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS SUCH THAT THE FINISHED WORK WILL NOT COMPLY WITH THE SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, CONSTRUCTION DOCUMENT(S) DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. 2. A COPY OF PARTS 1 AND 2, TITLE 24 C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION. 3. ALL CONSTRUCTION CHANGE DOCUMENTS AND ADDENDA TO BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENT(S) ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24. 4. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24. 5. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335OF PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR. 6. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24. 7. THIS PROJECT REQUIRES A DSA CERTIFIED PROJECT INSPECTOR. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(B), THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24. 8. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24. 9. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM DSA-6) IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART 1, TITLE 24. 10. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(A) AND 4-341, PART 1, TITLE 24. 11. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343, PART 1, TITLE 24.

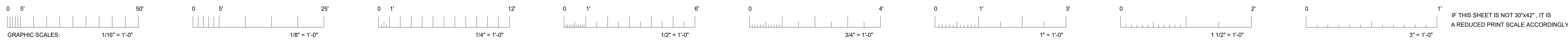


EXISTING CONDITIONS SCOPE OF WORK SAN RAFAEL HIGH SCHOOL AD BUILDING, INTERIOR RENOVATION OF APPROX. 4,600 S.F. IN (E) CONCRETE AND WOOD-FRAMED BUILDING CONSTRUCTED IN 1924. ALL WORK ON MAIN FLOOR AND ROOF ADMINISTRATIVE SPACE TO BE DEMOLISHED TO CREATE FIVE CLASSROOMS AND TWO BREAKOUT ROOMS. (N) WALLS, MECHANICAL EQUIPMENT, ELECTRICAL LIGHTING FINISHES, CASEWORK, NO PLUMBING. MINOR REPAIR OF FINISHES TO EXISTING 1,200 S.F. OF OFFICE SPACE. STRUCTURAL SCOPE LIMITED TO REMOVING CONCRETE INFILL FROM TWO PREVIOUSLY INFILLED DOOR OPENINGS, INSTALLING BEAM TO SUPPORT OPERABLE PARTITION WALL, AND ANCHORING ROOF-MOUNTED MECHANICAL UNITS.

SUPPLEMENTAL NOTES

DEFERRED APPROVALS NONE

Revisions table with columns Delta, Date, Revisions, By. HIBSER YAMAUCHI Architects, Inc. logo and contact info: 300 - 27th Street, Oakland, CA 94612, 510.446.2222. Project: SAN RAFAEL HIGH SCHOOL, 150 3RD STREET, SAN RAFAEL, CA 94901. Project Title: AD BUILDING REMODEL. Sheet Title: TITLE SHEET. Client Project Number: 5661. Scale: Drawn By: NM, Checked By: LP, Issue Date: 7/16/21, Revit Version: 2019. Sheet 1 of 68. Large A0.01 sheet number.



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 01-119449 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 07/26/2021



ABBREVIATIONS - SCHOOLS

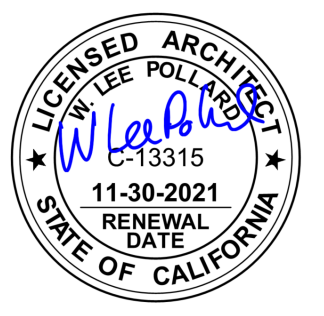
SYMBOLS

AND	ANGLE	AT	CENTERLINE	DIAMETER OR ROUND	PARALLEL	PERPENDICULAR	POUND OR NUMBER	PROPERTY LINE	AB	ANCHOR BOLT	ABV	ABOVE	A/C	AIR CONDITIONING	AC	ASPHALTIC CONCRETE	ACOUST	ACOUSTICAL	ACP	SUSPENDED ACOUSTIC PANEL CEILING	ACT	ACOUSTIC PANEL CEILING	AD	AREA DRAIN	ADD	ADDITIONAL	ADJ	ADJACENT	AFP	ABOVE FINISHED FLOOR	AGGR	AGGREGATE	ALT	ALTERNATE	ALUM	ALUMINIUM	ANOD	ANODIZED	AP	ACCESS PANEL	APPROX	APPROXIMATE	ARCH	ARCHITECTURAL	BAL	BALANCE	BD	BOARD	BLDG	BUILDING	BLK	BLOCK	BLKG	BLOCKING	BM	BEAM OR BENCH MARK	BOT	BOTTOM	BSMT	BASEMENT	BTWN	BETWEEN	BUR	BUILT-UP ROOFING	CAB	CABINET	CB	CATCH BASIN	CEM	CEMENT	CER	CERAMIC	CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CG	CORNER GUARD	CI	CAST IRON	CJ	CONTROL JOINT	CLG	CEILING	CLKG	CAULKING	CLO	CLOSET	CLR	CLEAR	CLRM	CLASSROOM	CMU	CONCRETE MASONRY UNIT	CNTR	COUNTER	CNTRTOP	COUNTERTOP	CO	CLEAN OUT	COL	COLUMN	COMB	COMBINATION	COMP	COMPOSITION	CONC	CONCRETE	CONN	CONNECTION	CONST	CONSTRUCTION	CONT	CONTINUOUS	CORR	CORRIDOR	CR	CURTAIN ROD	CT	CERAMIC TILE	CTR	CENTER	CTSK	COUNTERSINK	CW	COLD WATER	DBL	DOUBLE	DEMO	DEMOLITION	DEPT	DEPARTMENT	DF	DRINKING FOUNTAIN	DI	DRAIN OR DROP INLET	DIA	DIAMETER	DIAG	DIAGONAL	DIM	DIMENSION	DISP	DISPENSER	DIV	DIVISION	DN	DOWN	DO	DOOR OPENING	DR	DOOR	DS	DOWNSPOUT	DTL	DETAIL	DW	DISHWASHER	DWG	DRAWING	DWR	DRAWER	(E)	EXISTING	E	EAST	EA	EACH	EE	EACH END	EF	EXHAUST FAN	EJ	EXPANSION JOINT	EL	ELEVATION	ELEC	ELECTRICAL	ELEV	ELEVATOR	EMER	EMERGENCY	EN	END NAIL	ENCL	ENCLOSURE	EQ	EQUAL	EQUIP	EQUIPMENT	EQUIV	EQUIVALENT	ES	EACH SIDE	EW	ELECTRICAL WATER COOLER	EXP	EXPANSION	EXT	EXTERIOR	EXTR	EXTRUSION	F	FACE	FA	FIRE ALARM	FB	FLAT BAR	FBKT	FIRE BLANKET	FD	FLOOR DRAIN	FDN	FOUNDATION	FE	FIRE EXTINGUISHER	FEC	FIRE EXTINGUISHER CABINET	FF	FINISH FLOOR	FFE	FINISH FLOOR ELEVATION	FHC	FIRE HOSE CABINET	FIN	FINISH	FLASH	FLASHING	FLR	FLOOR	FLOOR	FLUOR	FLUORESCENT	FOC	FACE OF CONCRETE	FOF	FACE OF FINISH	FOS	FACE OF STUD	FR	FIRE RETARDANT	FRP	FIBERGLASS REINFORCED PANEL	FRZ	FREEZER	FT	FOOT OR FEET	FTG	FOOTING	FURR	FURRING	FUT	FUTURE	GA	GAUGE	GALV	GALVANIZED	GB	GRAB BAR	GL	GLASS	GND	GROUND	GR	GRADE	GSM	GALVANIZED SHEET METAL	GYP	GYPSONUM	HB	HOSE BIB	HC	HOLLOW CORE	HD	HEAD	HDWD	HARDWOOD	HDWE	HARDWARE	HM	HOLLOW METAL	HORIZ	HORIZONTAL	HR	HOUR	HT	HEIGHT	HWD	HOT WATER DISPENSER	ID	INSIDE DIAMETER	INFO	INFORMATION	INSUL	INSULATION	INT	INTERIOR	JAN	JANITOR	JT	JOINT	K.S.	KNEE SPACE	KIT	KITCHEN	LAB	LABORATORY	LAM	LAMINATE	LAV	LAVATORY	LIN	LINOLEUM	LNDG	LANDING	LT	LIGHT	MAT	MATERIAL	MAX	MAXIMUM	MB	MACHINE BOLT	MDF	MEDIUM DENSITY FIREBOARD	MECH	MECHANICAL	MEMB	MEMBRANE	MFR	MANUFACTURER	MH	MANHOLE	MIN	MINIMUM	MISC	MISCELLANEOUS	MO	MASONRY OPENING	MOD	MODULAR	MS	MACHINE SCREW	MTD	MOUNTED	MTG	MOUNTING	MTL	METAL	MUL	MULLION	(N)	NEW	N	NORTH	NIC	NOT IN CONTRACT	NO #	NO #	NOM	NOMINAL	NTS	NOT TO SCALE	OC	ON CENTER	OD	OUTSIDE DIAMETER	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	OFOI	OWNER FURNISHED OWNER INSTALLED	OFS	OUTSIDE FACE OF STUD	OH	OPPOSITE HAND	OPNG	OPENING	OPP	OPPOSITE	PL	PLATE	PLAM	PLASTIC LAMINATE	PLAS	PLASTER	PLYWD	PLYWOOD	PR	PAIR	PT	POINT	PTD	PAPER TOWEL DISPENSER	PTDR	COMBINATION PAPER TOWEL DISPENSER/RECEPTABLE	PTN	PARTITION	PTR	PAPER TOWEL RECEPTABLE	PVC	POLYVINYL CHLORIDE	QT	QUARRY TILE	R	RISER	RAD	RADIUS	RB	RESILIENT BASE	RCP	REFLECTED CEILING PLAN	RD	ROOF DRAIN	(RE)	RELOCATED	REF	REFERENCE	REFL	REFLECTED	REFR	REFRIGERATOR	REINF	REINFORCED	REQ	REQUIRED	RESIL	RESILIENT	REGTR	REGISTER	RH	ROBE HOOK	RM	ROOM	RO	ROUGH OPENING	RWD	REDWOOD	RWL	RAIN WATER LEADER	S	SOUTH	SC	SOLID CORE	SCD	SEE CIVIL DRAWINGS	SCHED	SCHEDULE	SD	SOAP DISPENSER	SECT	SECTION	SED	SEE ELECTRICAL DRAWINGS	SFPD	SEE FIRE PROTECTION DRAWING	SH	SHELF	SHR	SHOWER	SHT	SHEET	SIM	SIMILAR	SLD	SEE LANDSCAPE DRAWINGS	SMD	SEE MECHANICAL DRAWINGS	SMS	SHEET METAL SCREW	SND	SANITARY NAPKIN DISPENSER	SNR	SANITARY NAPKIN RECEPTABLE	SPD	SEE PLUMBING DRAWINGS	SPEC	SPECIFICATION	SG	SQUARE	SS	STAINLESS STEEL	SSD	SEE STRUCTURAL DRAWINGS	SSK	SERVICE SINK	STD	STANDARD	STL	STEEL	STOR	STORAGE	STRUCT	STRUCTURAL	SUSP	SUSPENDED	SYM	SYMMETRICAL	TB	TOWEL BAR	TEL	TELEPHONE	TEMP	TEMPORARY	TER	TERRAZZO	THK	THICK	THRES	THRESHOLD	TO	TOP OF	TOC	TOP OF CURB	TOP	TOP OF PARAPET	TOS	TOP OF SLAB	TOW	TOP OF WALL	TPD	TOILET PAPER DISPENSER	TRD	TREAD	TV	TELEVISION	TYP	TYPICAL	UNF	UNFINISHED	UON	UNLESS OTHERWISE NOTED	UR	URINAL	VCT	VINYL COMPOSITION TILE	VERT	VERTICAL	VEST	VESTIBULE	VTR	VENT THROUGH ROOF	W	WEST OR WIRE	w	WITH	WH	WATER HEATER	WO	WITHOUT	WC	WATER CLOSET	WD	WOOD	WDD	WINDOW	WO	WHERE OCCURS	WP	WATERPROOF	WT	WEIGHT	WWM	WOVEN WIRE MESH
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- COLUMN LINE
- BUILDING ELEVATION
 - ELEVATION IDENTIFICATION
 - SHEET WHERE ELEVATION IS SHOWN
- BUILDING OR WALL SECTION
 - SECTION IDENTIFICATION
 - SHEET WHERE SECTION IS SHOWN
- DETAIL
 - DETAIL IDENTIFICATION
 - SHEET WHERE DETAIL IS SHOWN
 - MEANS DETAIL SHOWN ON SAME SHEET
- INTERIOR ELEVATION(S)
 - SHEET WHERE ELEVATION IS SHOWN
 - NO ARROWS MEAN ELEVATION NOT SHOWN
 - DETAIL NO. OF ELEVATION
- WORK POINT, CONTROL POINT OR DATUM POINT
- REVISIONS
 - REVISION NUMBER
- ROOM IDENTIFICATION (TYPE 1)
 - ROOM NAME
- ROOM IDENTIFICATION (TYPE 2)
 - ROOM NAME
 - ROOM NUMBER
 - CEILING HEIGHT (OTHER THAN EXISTING OR 8'-0" A.F.F.)
- SHEETNOTE TAG
 - REFER TO SHEETNOTE LIST LOCATED ON PLAN SHEETS
- AREA OF NO WORK
- DOOR SYMBOL
 - DOOR MARK SEE DOOR SCHEDULE
 - (E) DOOR TO REMAIN
 - (E) DOOR TO BE REMOVED
 - (N) DOOR & DOOR FRAME

Delta	Date	Revisions	By

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HY Architects Project number: 5561

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 150 3RD STREET, SAN RAFAEL, CA 94901

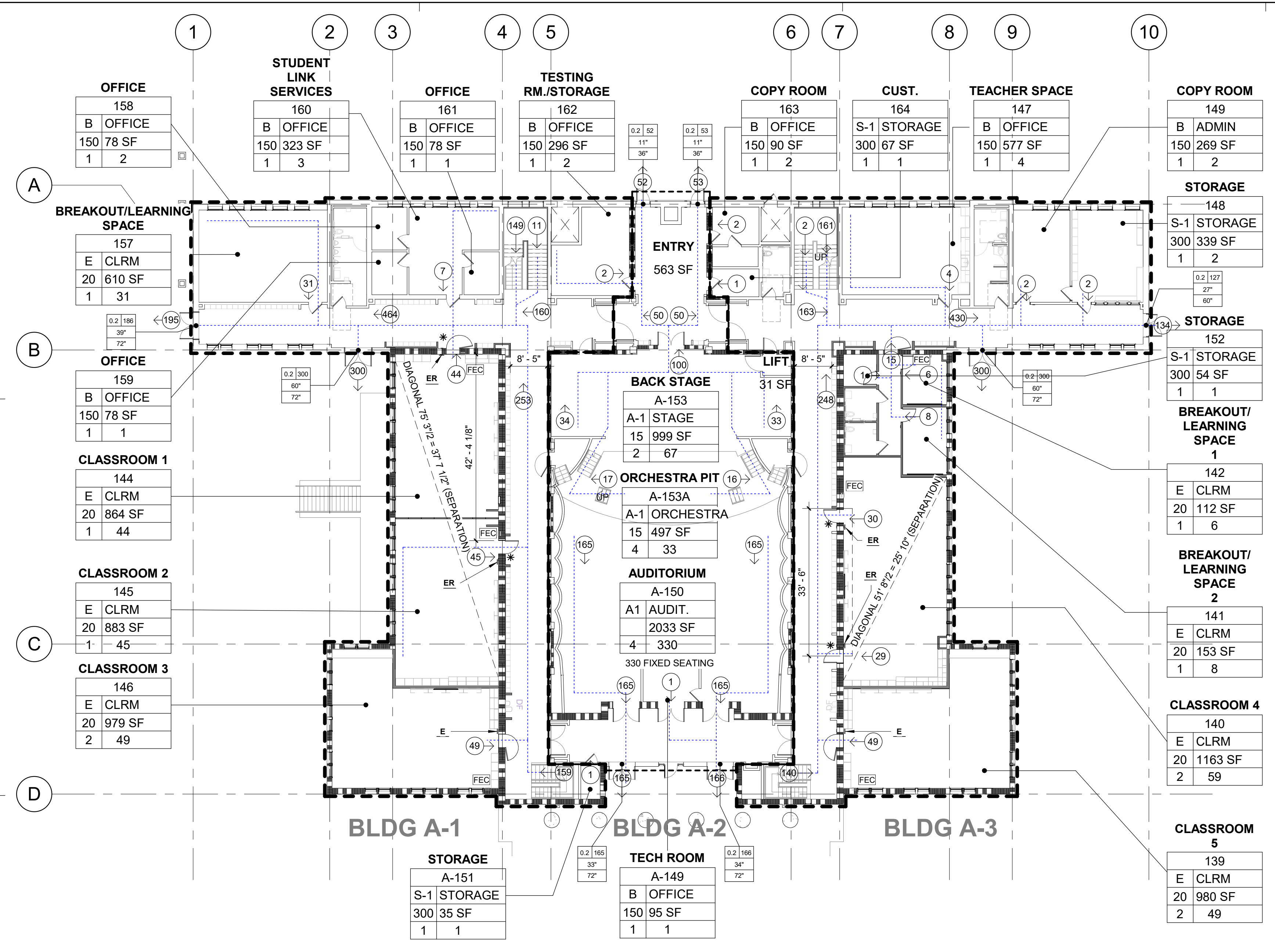
Project
AD BUILDING REMODEL

Sheet Title
SYMBOLS, LEGENDS AND ABBREVIATIONS

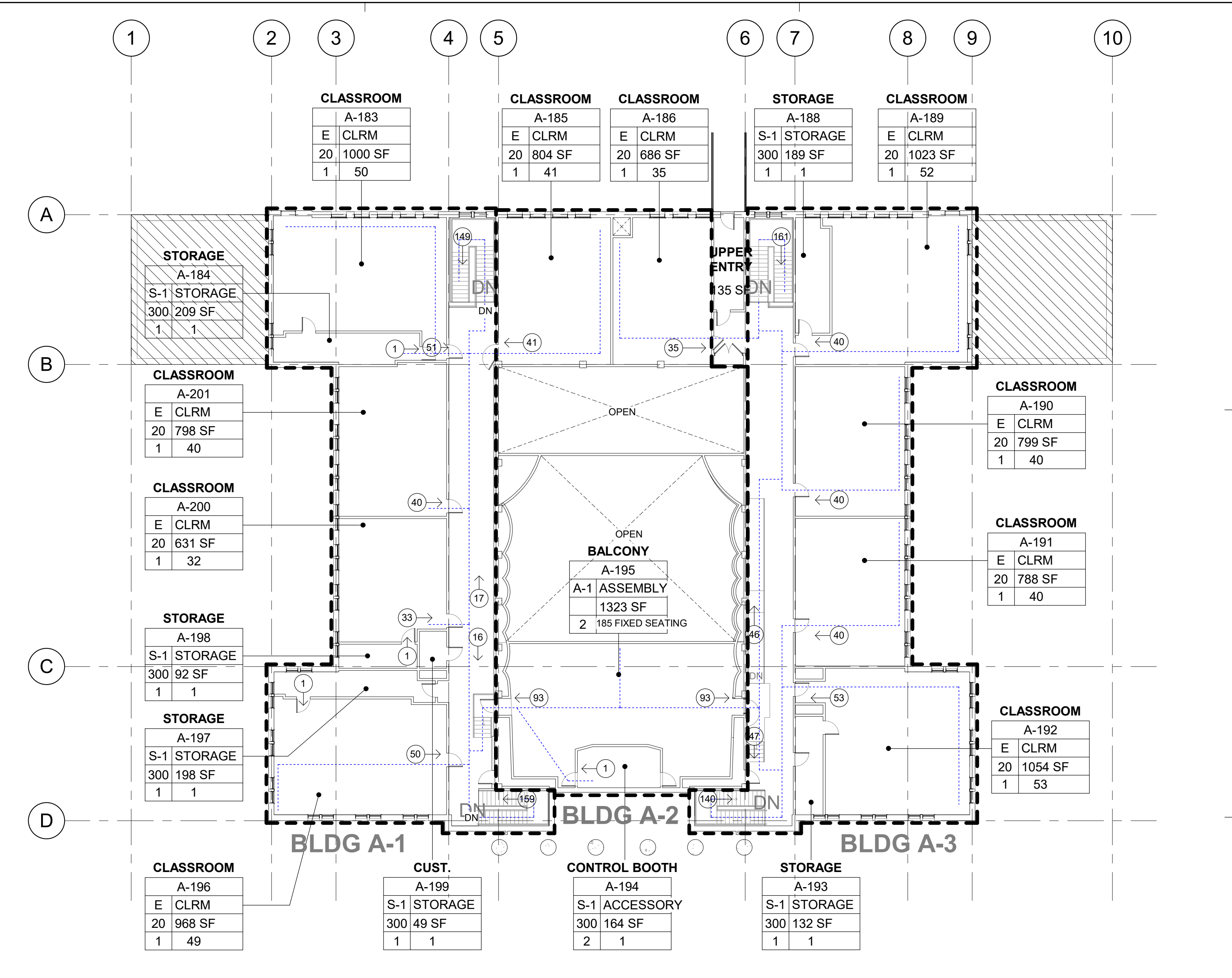
Client Project Number: Client Proj. #

Scale: Sheet
 Drawn By: NM
 Checked By: LP
 Issue Date: 7/16/21
 Revit Version: 2019
A0.02
 Sheet 2 of 68

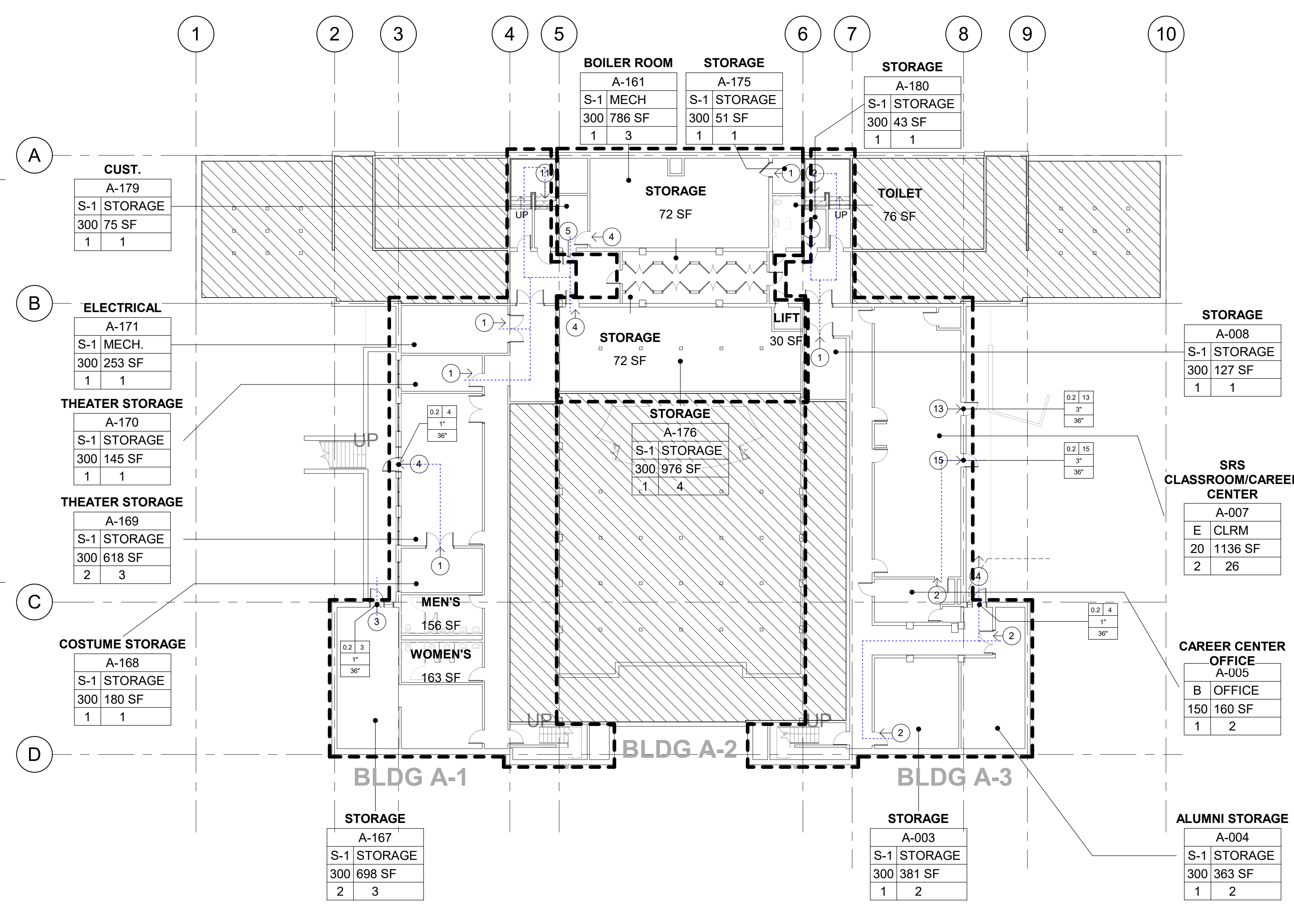
Revisions	Delta	Date	Revisions	By



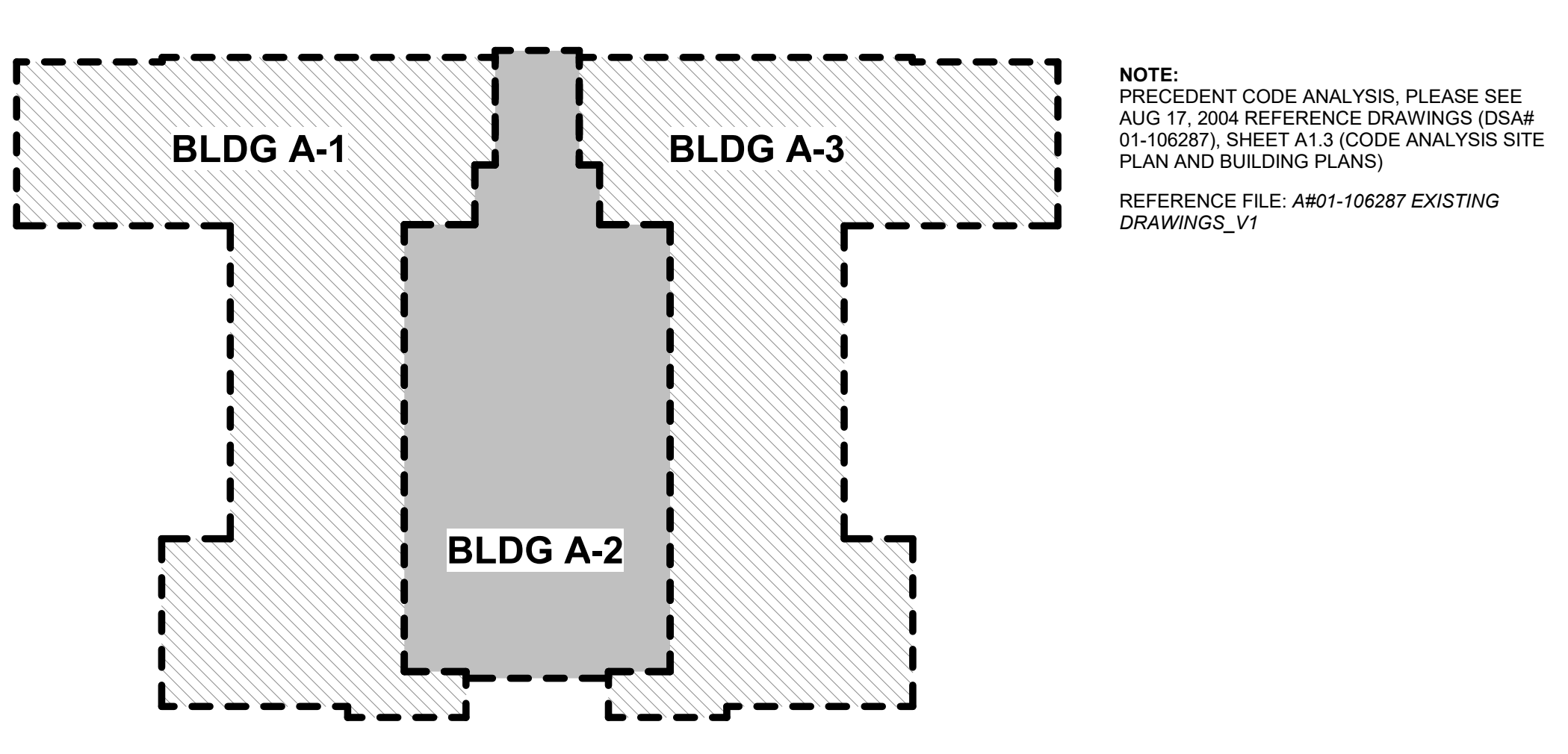
28 FIRST FLOOR CODE COMPLIANCE PLAN
1/16" = 1'-0"



13 SECOND FLOOR CODE COMPLIANCE PLAN
1/16" = 1'-0"



30 BASEMENT CODE COMPLIANCE PLAN
1/16" = 1'-0"



EXISTING FIRE RATED WALLS

ALL FIRE RATED WALL SHOWN IN THIS DOCUMENT ARE 10" CAST IN PLACE WALLS. PLEASE SEE AS-BUILT 2004 DRAWINGS FOR MORE INFORMATION

722.2.1.1 Cast-In-Place or Precast Walls

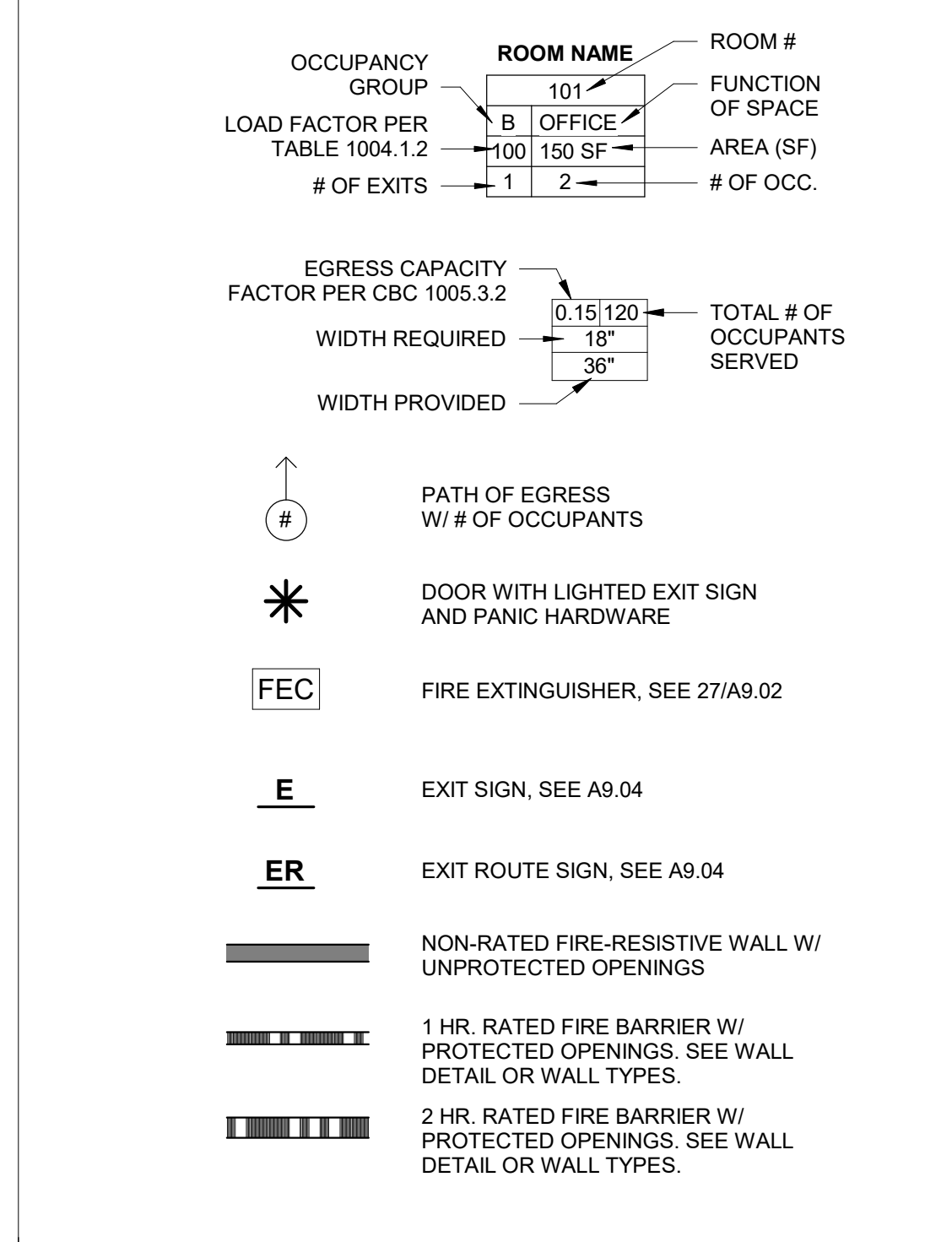
The minimum equivalent thicknesses of cast-in-place or precast concrete walls for fire-resistance ratings of 1 hour to 4 hours are shown in Table 722.2.1.1. For solid walls with flat vertical surfaces, the equivalent thickness is the same as the actual thickness. The values in Table 722.2.1.1 apply to plain, reinforced or prestressed concrete walls.

TABLE 722.2.1.1
MINIMUM EQUIVALENT THICKNESS OF CAST-IN-PLACE OR PRECAST CONCRETE WALLS, LOAD-BEARING OR NONLOAD-BEARING

CONCRETE TYPE	MINIMUM SLAB THICKNESS (INCHES) FOR FIRE-RESISTANCE RATING OF				
	1 hour	1 1/2 hours	2 hours	3 hours	4 hours
Siliceous	3.5	4.3	5.0	6.2	7.0
Carbonate	3.2	4.0	4.6	5.7	6.6
Sand-lightweight	2.7	3.3	3.8	4.6	5.4
Lightweight	2.5	3.1	3.6	4.4	5.1

For S: 1 inch = 25.4 mm.

CODE LEGEND



CODE ANALYSIS TABLE TABLE 506.2

BUILDING	BUILDING A-1	BUILDING A-2	BUILDING A-3
# OF STORIES	2 STORIES + BASEMENT	2 STORIES + BASEMENT	2 STORIES + BASEMENT
BUILDING AREA	BASEMENT 2,869 sf FIRST FLR 6,078 sf SECOND FLR 5,402 sf TOTAL = 14,339 sf	BASEMENT 2,332 sf FIRST FLR 5,039 sf SECOND FLR 3,015 sf TOTAL = 10,386 sf	BASEMENT 3,176 sf FIRST FLR 5,784 sf SECOND FLR 5,537 sf TOTAL = 14,499 sf
TYP OF CONSTRUCTION TABLE 506.2	(OCC = E) TYPE IIA NS	(OCC = A-1) TYPE IIA NS	(OCC = E) TYPE IIA NS

OCCUPANCY LOAD CALCULATIONS

OCCUPANT LOAD FACTOR BASED ON CBC 2019 TABLE 1004.5

OCCUPANT LOAD A = 1494sf/15 = 99.6 + 330 + 185 (FIXED SEATS) = 614.6

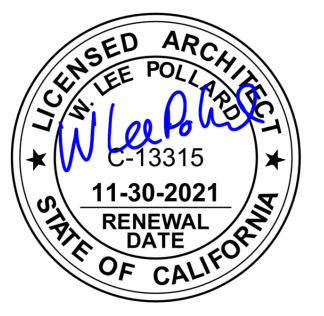
OCCUPANT LOAD E = 15,160sf/20 = 758

OCCUPANT LOAD B = 2,050sf/150 = 13.67

OCCUPANT LOAD S-1 = 6,236sf/300 = 20.79

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Project
AD BUILDING REMODEL

Sheet Title
FIRE LIFE SAFETY & CODE ANALYSIS FLOOR PLAN

Client Project Number: Client Proj. #

Scale: As indicated
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019

Sheet
A0.03
Sheet 3 of 68

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119449 INC.
REVIEWED FOR
SS FLS ACS
DATE: 07/26/2021



GENERAL NOTES

- 4" MAX DROP BETWEEN WALKING SURFACE AND ADJACENT GRADE. TYPE U O N
- EXISTING PARKING LOT IS ACCESSIBLE UNDER DSA APPLICATION #01-117565 INCLUDING ALL PARKING SPACES AND PATH OF TRAVEL TO ALL EXISTING BUILDINGS. PATH OF TRAVEL IMPROVEMENTS FOR THE NEW BUILDING WILL ALIGN WITH EXISTING PATH OF TRAVEL AT THE LIMIT OF WORK.
- SEE SHEET A9-04 FOR ACCESSIBLE DIRECTION SIGNAGE
- CERTIFICATION OF DSA #01-117565 IS REQUIRED PRIOR TO CERTIFICATION OF THIS PROJECT.

KEYNOTES

- 02.16 (E) ACCESSIBLE BOYS RESTROOM
02.17 (E) ACCESSIBLE GIRLS RESTROOM
02.18 (E) ACCESSIBLE STAFF RESTROOM

Revisions	Delta	Date	Revisions	By

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT

THE PATH OF TRAVEL (POT) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS.

AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS. DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

PARKING COUNT

STANDARD SPACES:	115
ACCESSIBLE SPACES:	6 (1 VAN & 5 AUTO)
ELECTRIC VEHICLE:	16
ACCESSIBLE ELECTRIC VEHICLE:	2 (1 VAN & 1 AUTO)
TOTAL SPACES:	139

LEGEND

- ACCESSIBLE ROUTE SERVING AREA OF NEW WORK
- THE ACCESSIBLE ROUTE AS INDICATED ON PLAN IS A BARRIER FREE ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX. SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. AND AT LEAST 36" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 1:20 UNLESS OTHERWISE INDICATED. THE ACCESSIBLE ROUTE SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN. AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80".
- CONTRACTOR TO VERIFY ALL BARRIERS HAVE BEEN REMOVED AND COMPLIANCE WITH CBC 11B.
- ◀ ACCESSIBLE BUILDING ENTRANCE
- DF ACCESSIBLE HI-LO DRINKING FOUNTAIN
- EV ELECTRIC VEHICLE PARKING STALL
- (E) BUILDING (NO WORK)
- BUILDING A (SCOPE OF WORK)

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HY Architects Project number: 5561

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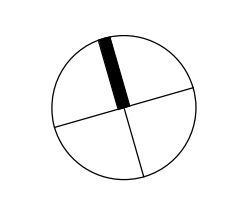
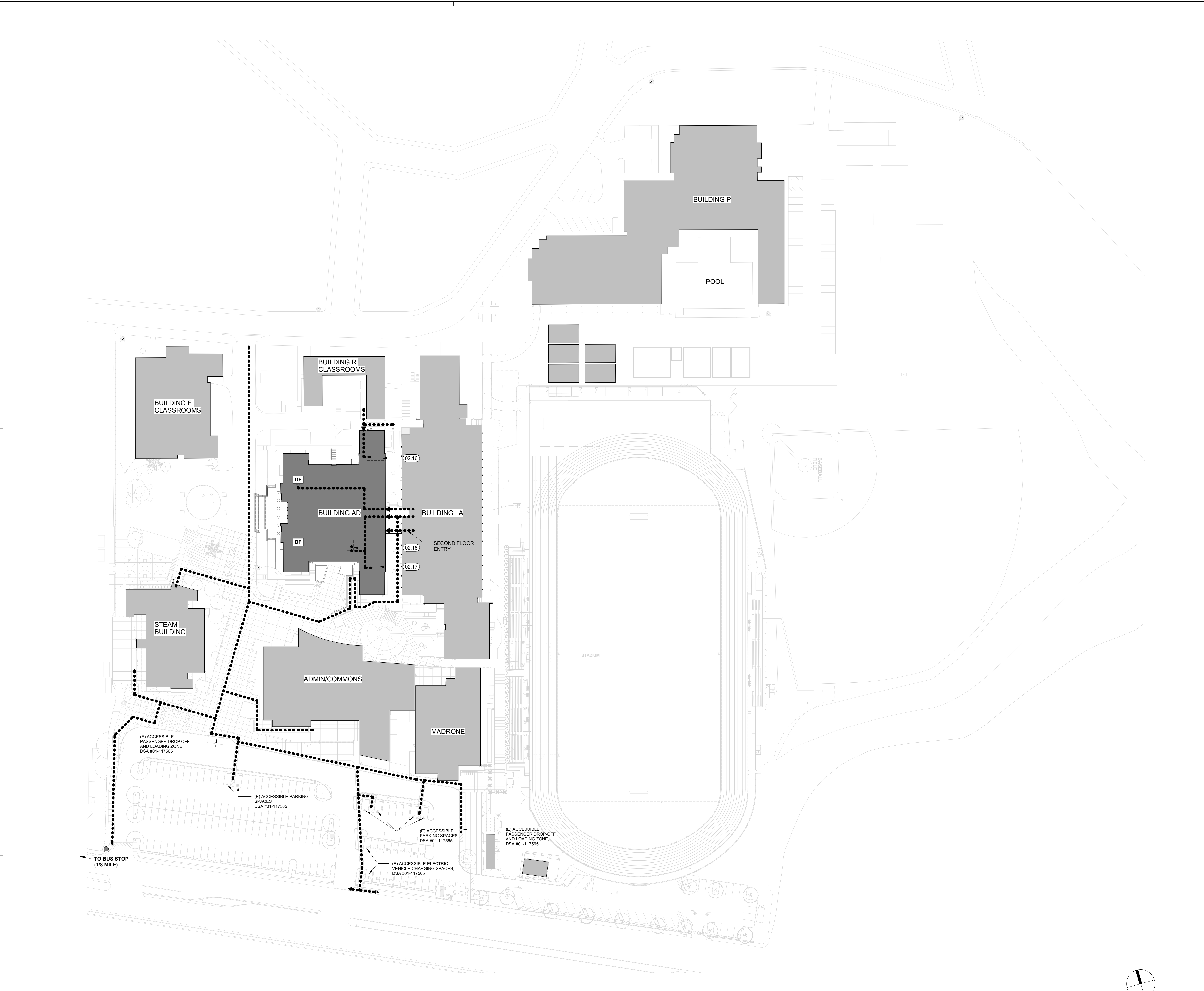
Project
AD BUILDING REMODEL

Sheet Title
ACCESSIBILITY SITE PLAN

Client Project Number:	Client Proj. #
Scale: As indicated	Sheet
Drawn By: NM	A0.04
Checked By: LP	
Issue Date: 7/16/21	
Revit Version: 2019	
Sheet	4 of 68

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20 ACCESSIBILITY SITE PLAN
1" = 50'-0"



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119449 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 07/26/2021



GENERAL NOTES

NOTE: THE PROJECT SCOPE ONLY INCLUDES INTERIOR RENOVATIONS ONLY AND MAKES NO CHANGES TO THE EXISTING EMERGENCY VEHICLE ACCESS ROUTES (APPROVED PER DSA 01-117565)

KEYNOTES

02.03 (E) FIRE HYDRANT

Delta	Date	Revisions	By

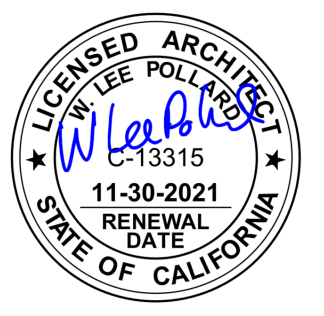
BUILDING SUMMARY

ADMINS / COMMONS	DSA # 01-117565 (2019)
MADRONE (E) CLASSROOMS	DSA # 01-117565 (2019)
STEAM BUILDING (N) CLASSROOMS	DSA APPL# 01-119147
BUILDING A (E) CLASSROOMS	DSA # 5984 DSA # 26295 (1965) DSA # 01-100264 (1987) DSA # 01-106287 (2004) DSA # 01-118811 (2020)
BUILDING LA (E) LIBRARY / CLASSROOMS	DSA # 24586 (1964) DSA # 01-100264 (1987) DSA # 01-103688 (2001) DSA # 01-105026 (2003) DSA # 01-110955 (2010) DSA # 01-116479 (2017)
BUILDING F (E) CLASSROOMS	DSA # 15996 (1967) DSA # 01-103683 (2004) DSA # 01-118811 (2020)
BUILDING G (E) CLASSROOMS	DSA # 2470 (1939) DSA # 21467 DSA # 24586 (1964) DSA # 01-100264 (1987) DSA # 01-103688 (2001) DSA # 01-103688 (2001) DSA # 01-105026 (2003)
BUILDING J (E) MUSIC / CLASSROOMS	DSA # 2469 (1939) DSA # 24586 (1964) DSA # 01-100264 (1987) DSA # 01-103688 (2001) DSA # 01-105026 (2003) DSA # 01-118811 (2020)
BUILDING P (E) GYMNASIUM	DSA # 15618 (1958) DSA # 01-103688 (2001) DSA # 01-105833 (2004) DSA # 01-112267 (2015) DSA # 01-118811 (2020)
BUILDING R (E) CLASSROOMS	DSA # 2432 (1939) DSA # 01-100264 (1987) DSA # 01-106287 (2004) DSA # 01-114363 (2014) DSA # 01-118811 (2020)
PORTABLES (E) CLASSROOMS	DSA # 01-114363 (2014) DSA # 01-115104 (2015)
PORTABLES (E) CLASSROOMS	DSA # 01-117538 (2018)
STADIUM	DSA # 01-115533 (2017)

LEGEND

	(E) BUILDING (NO WORK)
	BUILDING A (SCOPE OF WORK)
	(E) 20' WIDE FIRE LANE
	(N) 20' WIDE FIRE LANE
	HOSE PULL DISTANCE FROM FIRE HYDRANT
	HOSE PULL DISTANCE FROM FIRE LANE
	ASSUMED PROPERTY LINE
	(E) FIRE HYDRANT

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Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

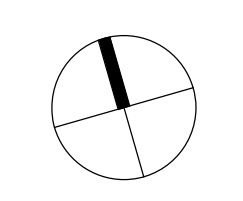
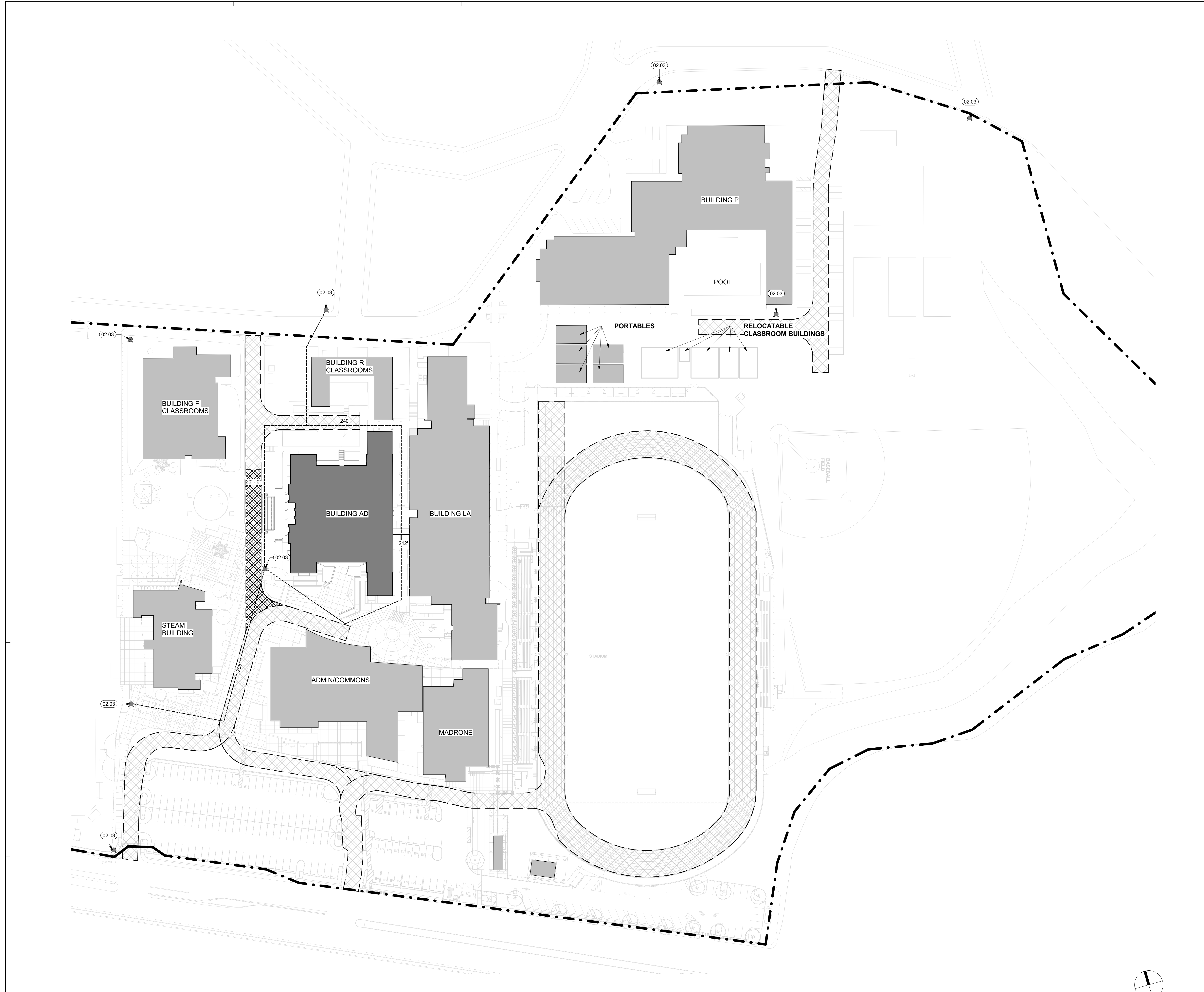
Sheet Title
EMERGENCY VEHICLE ACCESS PLAN

Client Project Number: Client Proj. #
Scale: As indicated
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019

Sheet
A0.05
Sheet 5 of 68

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20 EMERGENCY VEHICLE ACCESS SITE PLAN
1" = 50'-0"



Delta	Date	Revisions	By

GENERAL NOTES

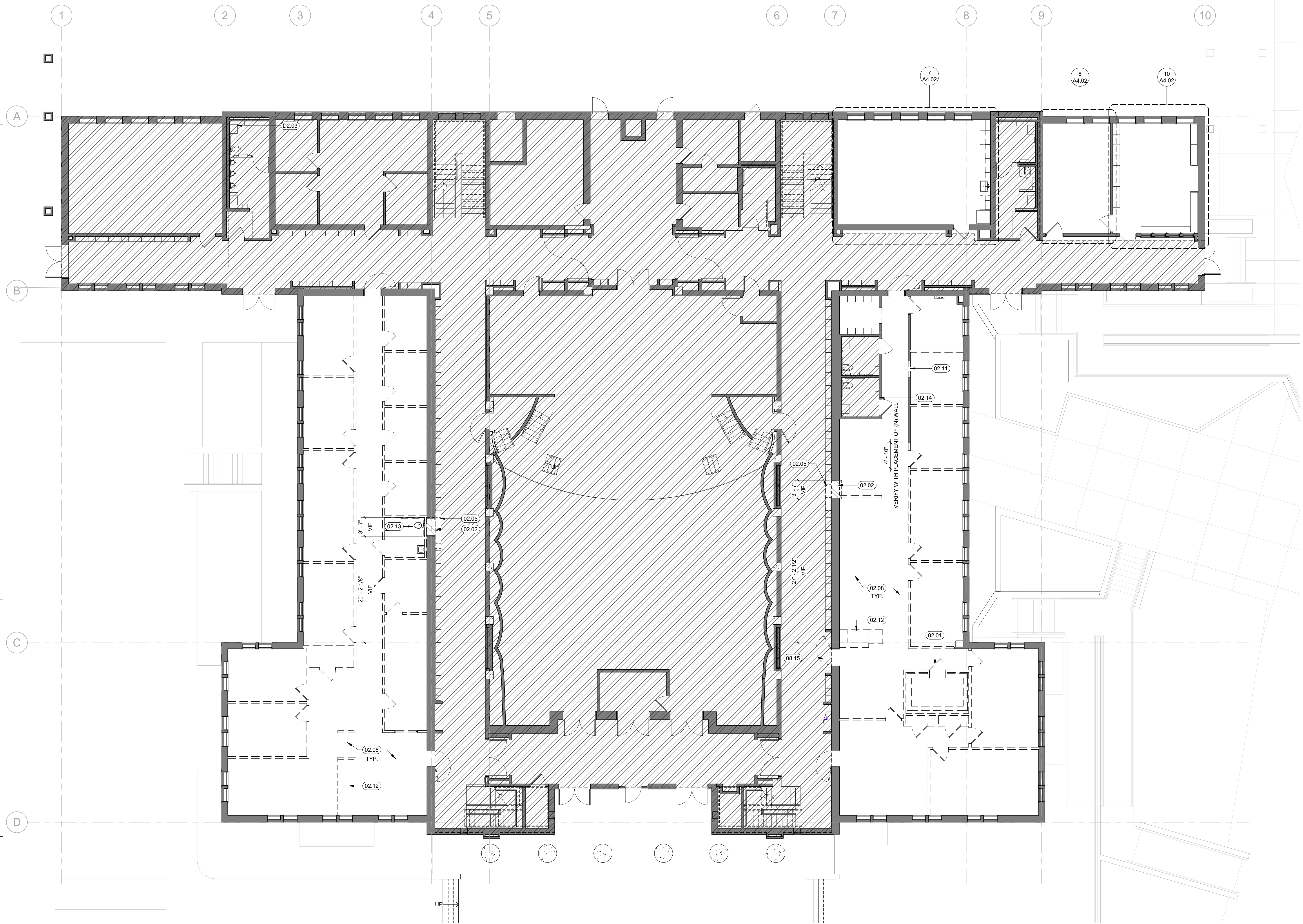
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF DEMOLITION WORK. REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS TO ARCHITECT AND ENGINEER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK. SCHEDULE (N) AND DEMOLITION WORK IN ADVANCE WITH OWNER.
- WHERE INDICATED, REMOVE ALL EXISTING FLOOR FINISHES DOWN TO PLYWOOD SUBSTRATE, INCLUDING BUT NOT LIMITED TO: VAT AND VCT, LINOLEUM, CARPETING, ADHESIVES, UNDERLAYMENT, SEALERS AND ADHESIVE RESIDUE.
- REMOVE ALL LOOSE AND SPALLING PLASTER THROUGHOUT AND AS REQUIRED FOR A SOUND SUBSTRATE IN AREAS EXPOSED TO VIEW AFTER RENOVATION AND SCHEDULED FOR REPAIR. STRIP LOOSE AND FLAKING PAINT AS REQUIRED FOR PROPER ADHESION OF (N) PRIMER THROUGHOUT INCLUDING AT CONCEALED CONDITIONS.
- REMOVE ALL (E) WOOD OR RUBBER BASE TRIM, WAINSCOT TRIM AND CROWN TRIM WHERE IT INTERSECTS WITH (N) WALL LOCATIONS. SEE PROPOSED PLANS FOR (N) WALL LOCATIONS.
- (E) ITEMS NOTED ON THE PLANS SHALL BE EXISTING TO REMAIN UNL. AND PROTECT IN PLACE. THROUGHOUT CONSTRUCTION, ALL ITEMS WHICH ARE EXISTING TO REMAIN SHALL BE PROTECTED IN PLACE FROM DAMAGE AND DUST.
- DEMOLITION DEFINITIONS:
DEMO, DEMOLISH OR REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE SALVAGED OR REINSTALLED.
SALVAGE FOR REINSTALLATION: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE THEM FOR REUSE, AND REINSTALL WHERE INDICATED. SALVAGE ALL DETACHED DOORS AND FRAMES FOR LATER USE BY THE DISTRICT.
EXISTING, (E) TO REMAIN: EXISTING ITEMS OF CONSTRUCTION NOT TO BE REMOVED; EXISTING ITEMS MAY HAVE ADDITIONAL WORK SUCH AS REPAIR, PATCH, CLEAN OR PAINT AS INDICATED.
- NO DEMOLITION CAN BEGIN UNTIL DSA HAS GRANTED APPROVAL.

KEYNOTES

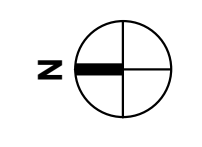
- 02.01 DEMO (E) CONCRETE VAULT, SALVAGE VAULT DOOR FOR FUTURE USE
- 02.02 DEMO (E) CONCRETE INFILL WALL FOR (N) OPENING. VERIFY LOCATION IN FIELD. LOCKERS TO BE SALVAGED AND REUSED
- 02.05 REMOVE FLOORING UNDER LOCKERS THAT ARE TO BE REMOVED
- 02.08 ALL (E) FLOORING, (E) CASEWORK & MISC. WALL TRIM TO BE REMOVED
- 02.11 DEMO AREA FOR (N) OPENING, SEE FLOOR PLAN (A2.03)
- 02.12 DEMOLISH (E) COUNTERTOP AND CASEWORK
- 02.13 REMOVE (E) WATER CLOSETS, ASSOCIATED PLUMBING AND ACCESSORIES
- 02.14 (E) AREA TO REMAIN, NOT IN SCOPE
- 02.15 (E) DOOR AND FRAME TO REMAIN, DOOR SWING TO BE FLIPPED, SEE FLOOR PLAN A2.03
- D2.03 REMOVE (E) LAVATORY ASSOCIATED PLUMBING AND ACCESSORIES

LEGEND

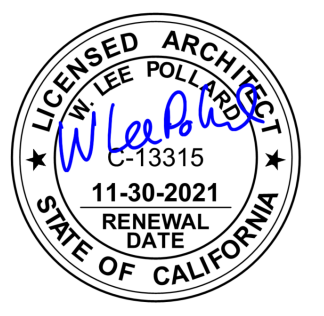
- AREA NOT IN PROJECT SCOPE
- (E) TO REMAIN
- (E) TO BE DEMOLISHED
- (E) DOOR TO REMAIN
- (E) DOOR TO BE REMOVED



20 FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



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Architect/Engineer Of Record:



HY HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
Oakland, CA 94612
510.446.2222 tel | 510.446.2211 fax

HY Architects Project number: 5561
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

Sheet Title: DEMOLITION PLAN

Client Project Number:	Client Proj. #
Scale: As indicated	Sheet
Drawn By: NM	A2.01
Checked By: LP	
Issue Date: 7/16/21	
Revit Version: 2019	
Sheet	6 of 68

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119449 INC.
REVIEWED FOR
SS FLS ACS
DATE: 07/26/2021



GENERAL NOTES

- S.S.D., S.M.D., S.E.D. FOR FURTHER INFORMATION.
- SEE A9.04 FOR FINISH & DOOR SCHEDULE FOR MORE INFORMATION.
- ALL WALLS ARE FULL HEIGHT TO UNDERSIDE OF (E) PLYWOOD DIAPHRAGM.
- ALL WORK SHALL CONFORM TO 2019 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- FABRICATION AND INSTALLATION OF DERERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGED DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338 PART 1, TITLE 24, CCR.
- "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342 PART 1, TITLE 24, CCR (INSPECTOR CLASS 3).
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

KEYNOTES

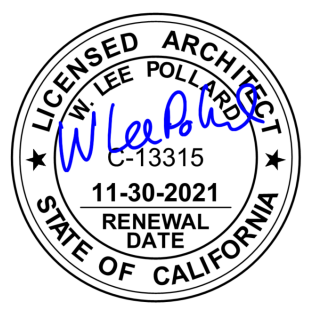
- 08.03 (E) DOOR & FRAME, NOT IN SCOPE
- 10.03 FOLDING PARTITION, SEE DETAIL 10/A3.30. SEE SPECS
- 10.06 SEMI-RECESSED FIRE EXTINGUISHER. SEE DETAIL 27/A9.03 SIM.
- 26.05 (E) ELECTRICAL PANEL TO REMAIN, S.E.D.

LEGEND

- AREA NOT IN PROJECT SCOPE
- (E) NON-RATED FIRE-RESISTIVE PARTITION AND/OR EXTERIOR WALL TO REMAIN (UNPROTECTED OPENINGS)
- (N) NON-RATED FIRE-RESISTIVE PARTITION W/ UNPROTECTED OPENINGS
- (E) 1 HR. RATED CORRIDOR PARTITION W/ 20 MIN. PROTECTED OPENINGS
- (E) 2 HR. RATED CORRIDOR PARTITION W/ 90 MIN. PROTECTED OPENINGS
- DOOR TAG
- INDICATES PANIC HARDWARE
- DOOR NUMBER

Delta	Date	Revisions	By

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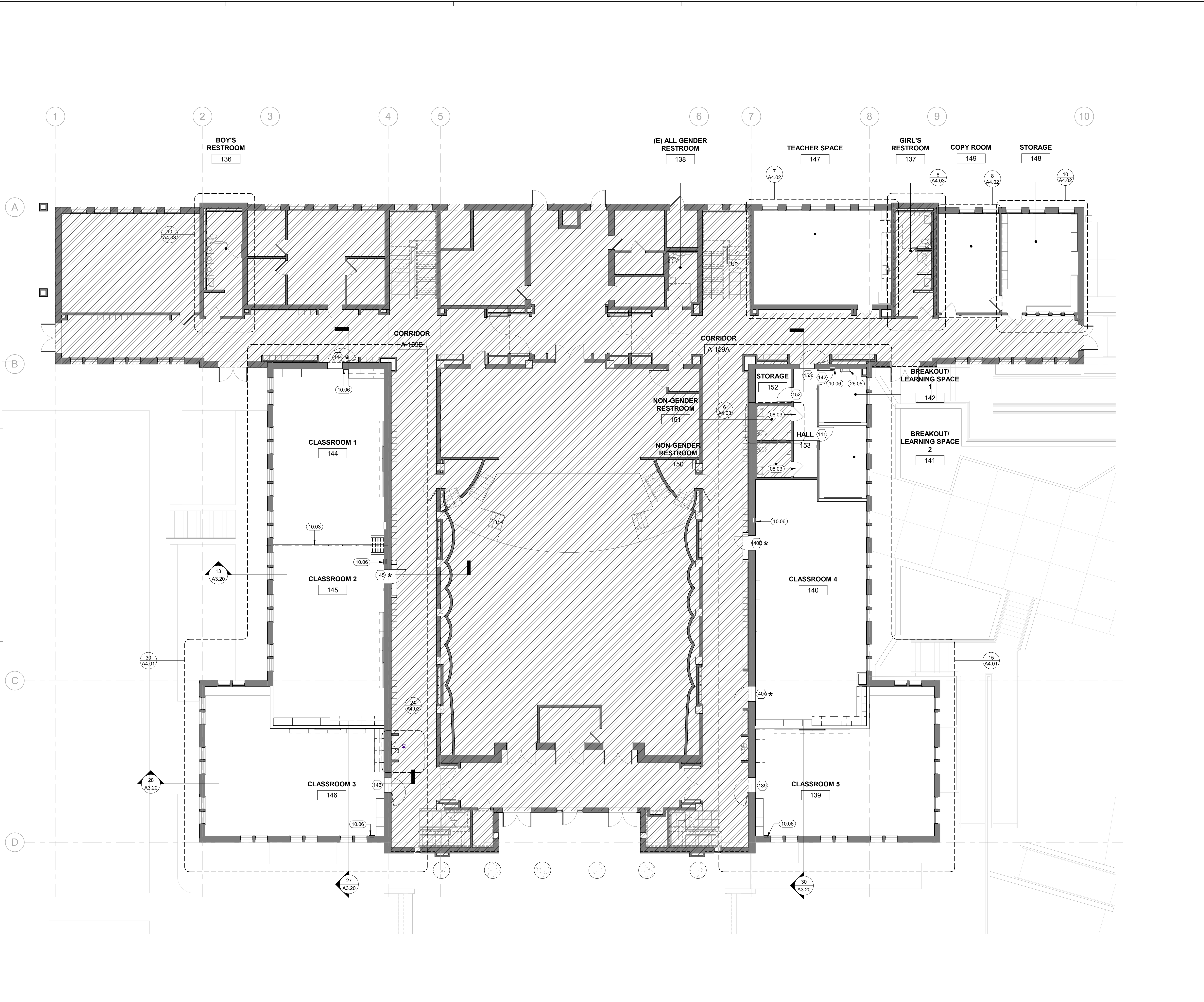
HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
Oakland, CA 94612
510.446.2222 | 510.446.2211 fax

HY Architects Project number: 5561
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

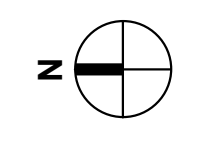
Project: **AD BUILDING REMODEL**

Sheet Title: **OVERALL FLOOR PLAN**

Client Project Number: _____ Client Proj. # _____
Scale: As indicated
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019
Sheet 7 of 68



30 FIRST FLOOR PLAN
1/8" = 1'-0"

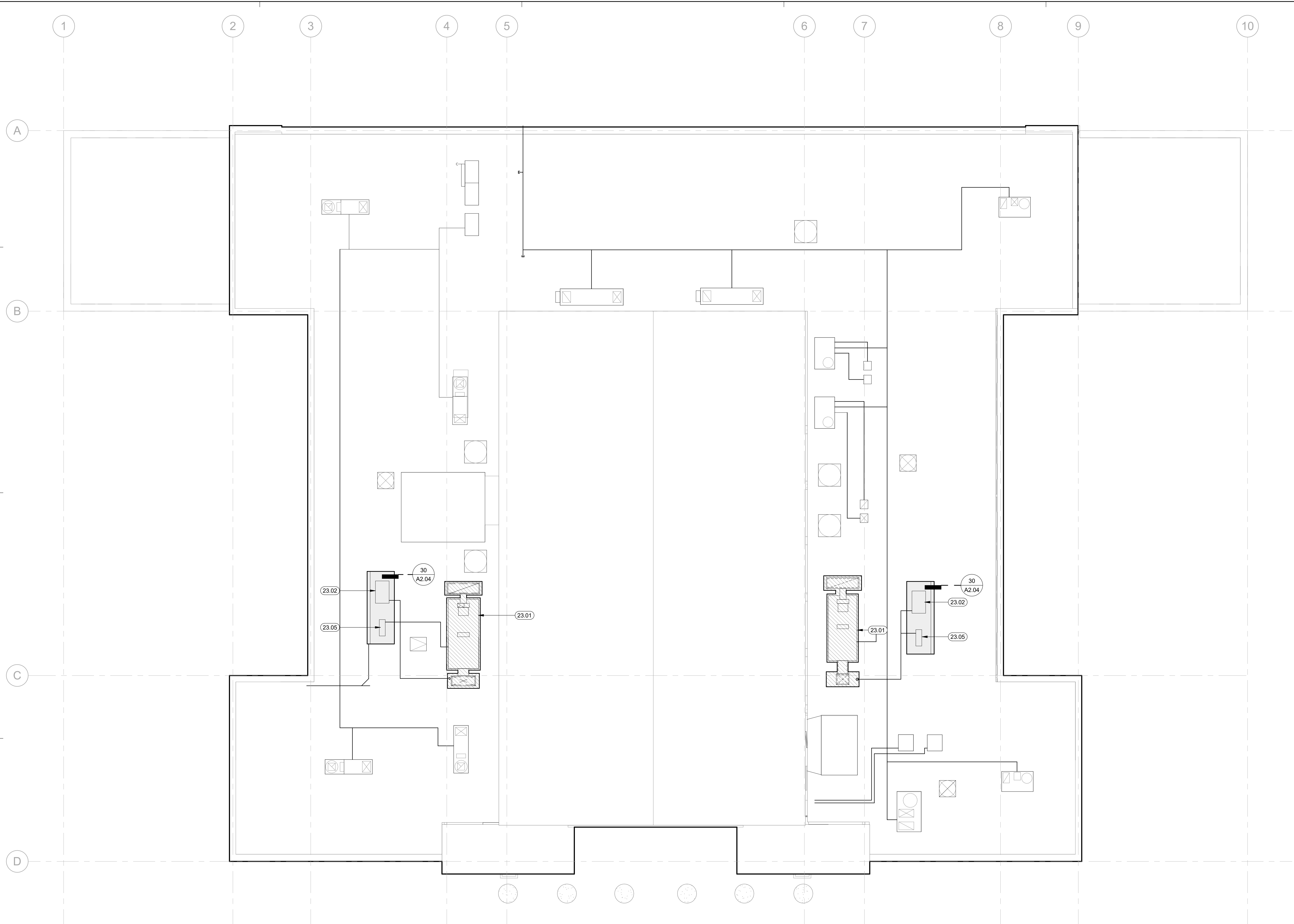


GENERAL NOTES

KEYNOTES

- 23.01 (N) DOAS UNIT ON (E) CURB, SMD
- 23.02 (N) OUTDOOR CONDENSING UNIT ON (N) CURB, SMD & SSD
- 23.05 (N) HEAT PUMP UNIT ON (N) CURB, SMD & SSD

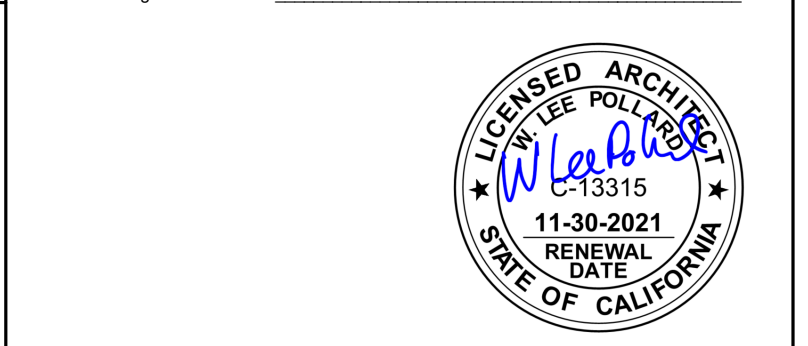
Revisions			
Delta	Date	Revisions	By



LEGEND

- EXISTING MECHANICAL CURB
- (NEW MECHANICAL CURB

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HY Architects Project number: 5561

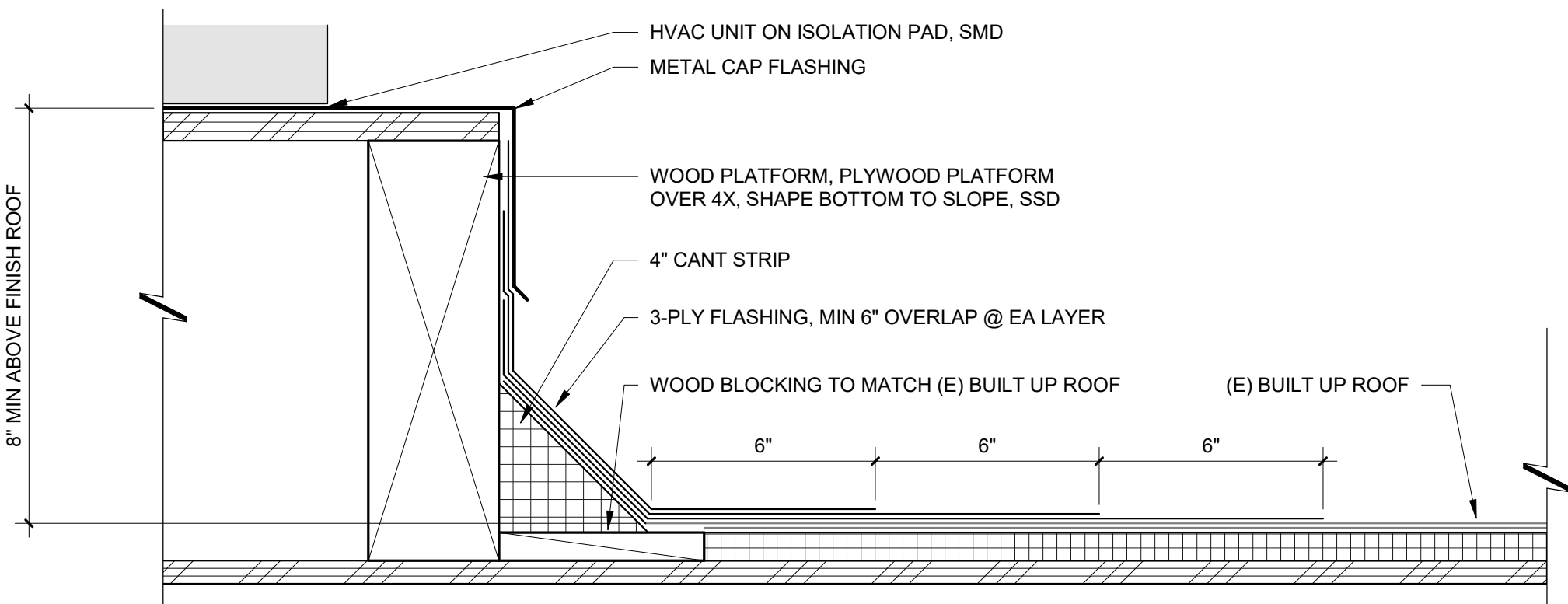
Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ROOF PLAN

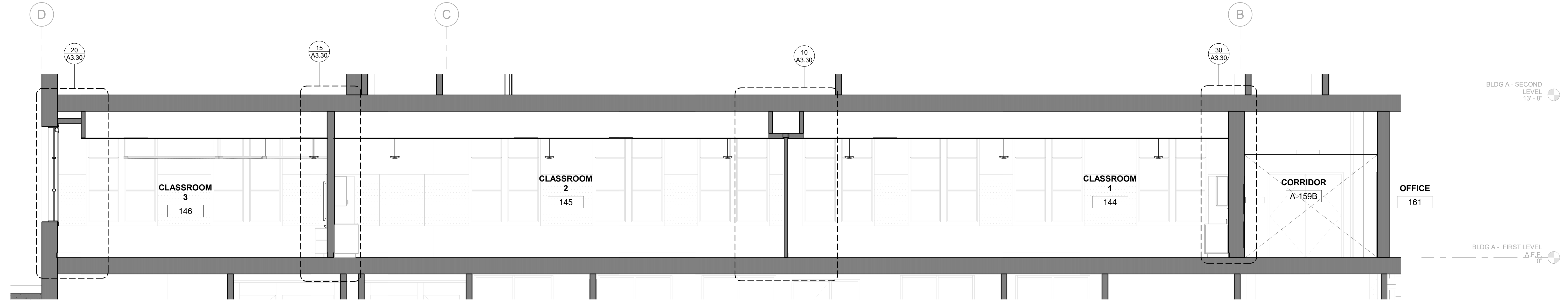
Client Project Number:	Client Proj. #
Scale: As indicated	Sheet
Drawn By: NM	A2.04
Checked By: LP	
Issue Date: 7/16/21	
Revit Version: 2019	
	Sheet 8 of 68

29 ROOF PLAN
1/8" = 1'-0"



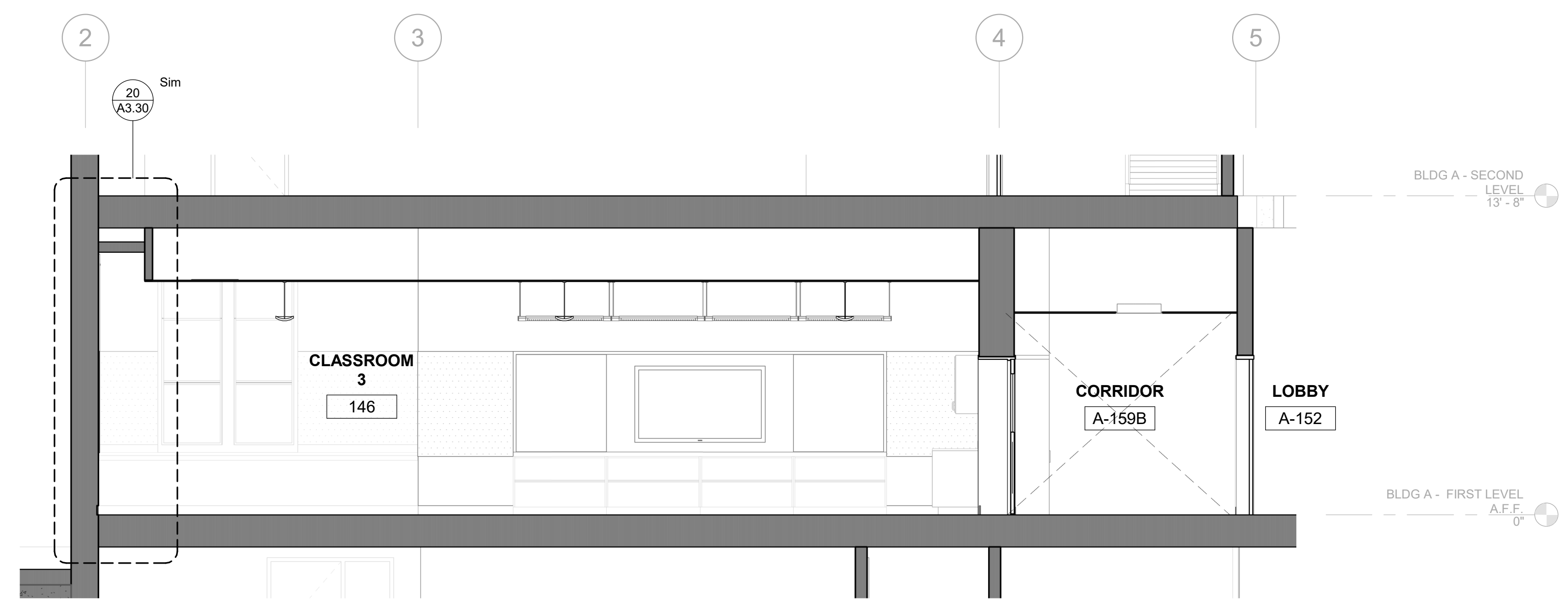
30 (N) HVAC CURB FLASHING
3/4" = 1'-0"

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 01-119449 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 07/26/2021

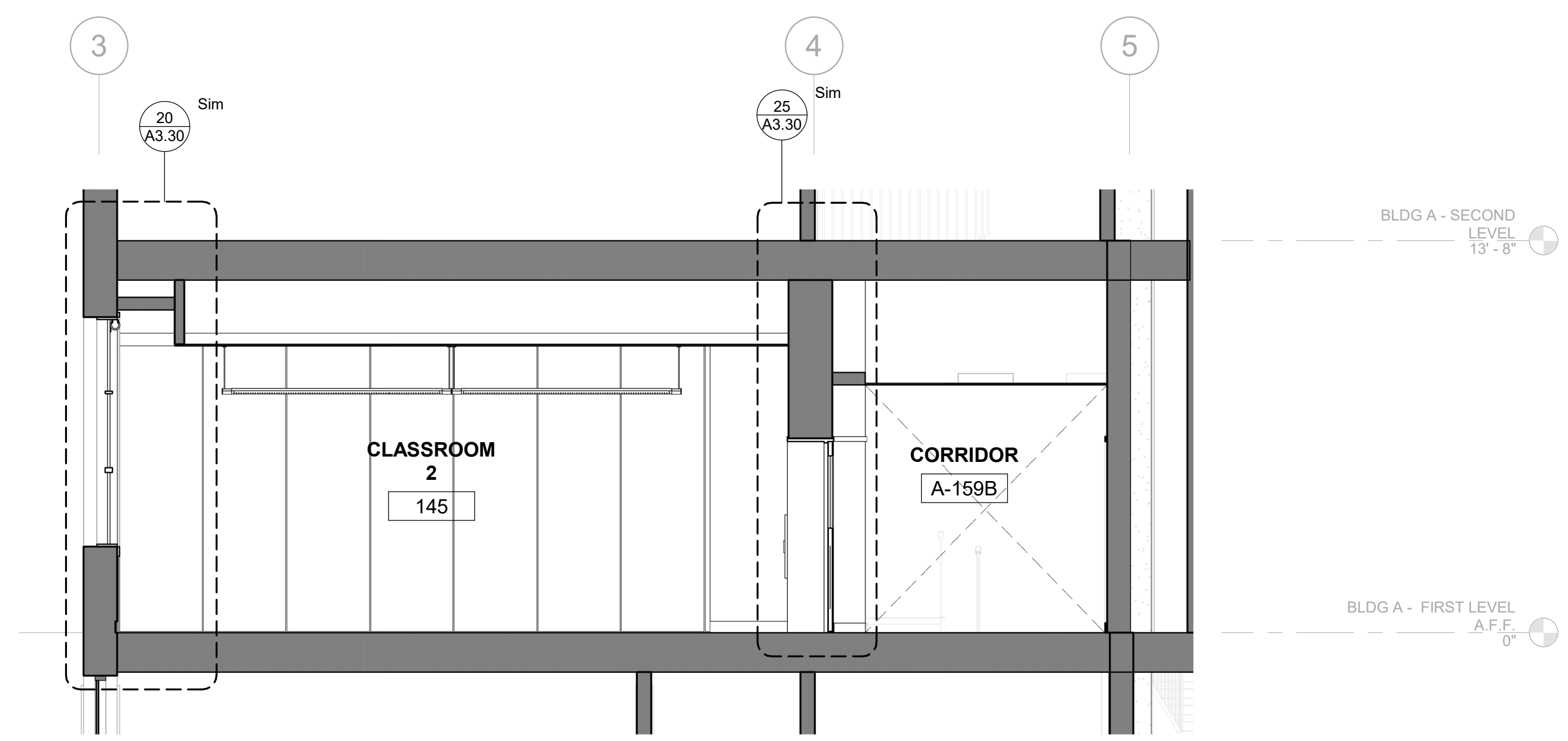


27 NORTH CLASSROOMS BUILDING SECTION - WEST/EAST
 1/4" = 1'-0"

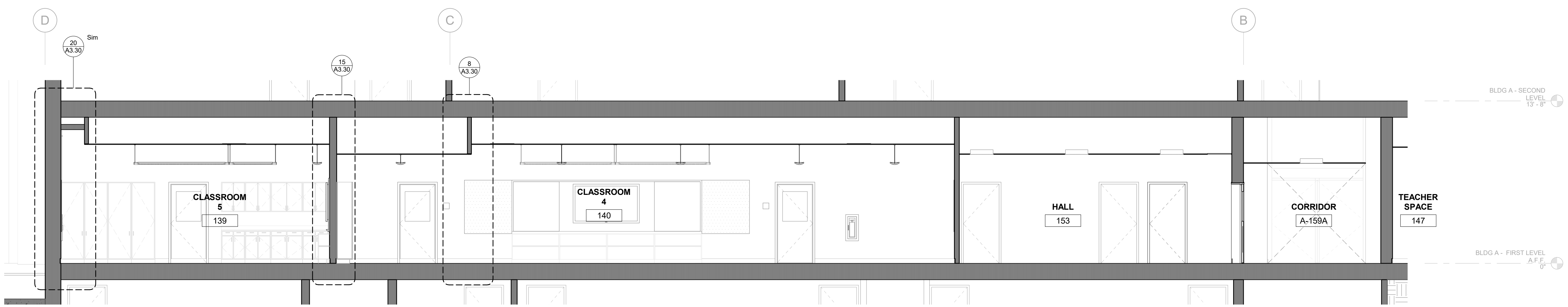
Revisions	Delta	Date	Revisions	By



28 CLASSROOM 3 BUILDING SECTION - NORTH/SOUTH
 1/4" = 1'-0"

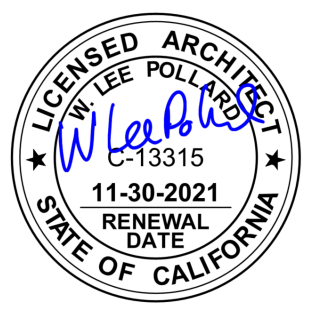


13 CLASSROOM 2 BUILDING SECTION - NORTH/SOUTH
 1/4" = 1'-0"



30 SOUTH CLASSROOMS BUILDING SECTION - WEST/EAST
 1/4" = 1'-0"

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HY HIBSER YAMAUCHI Architects, Inc.
 300 - 27th Street
 Oakland, CA 94612
 510.446.2222 tel | 510.446.2211 fax

HY Architects Project number: 5561
 Facility: SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project: **AD BUILDING REMODEL**

Sheet Title: **BUILDING SECTIONS**

Client Project Number: _____ Client Proj. # _____
 Scale: 1/4" = 1'-0"
 Drawn By: NM
 Checked By: LP
 Issue Date: 7/16/21
 Revit Version: 2019

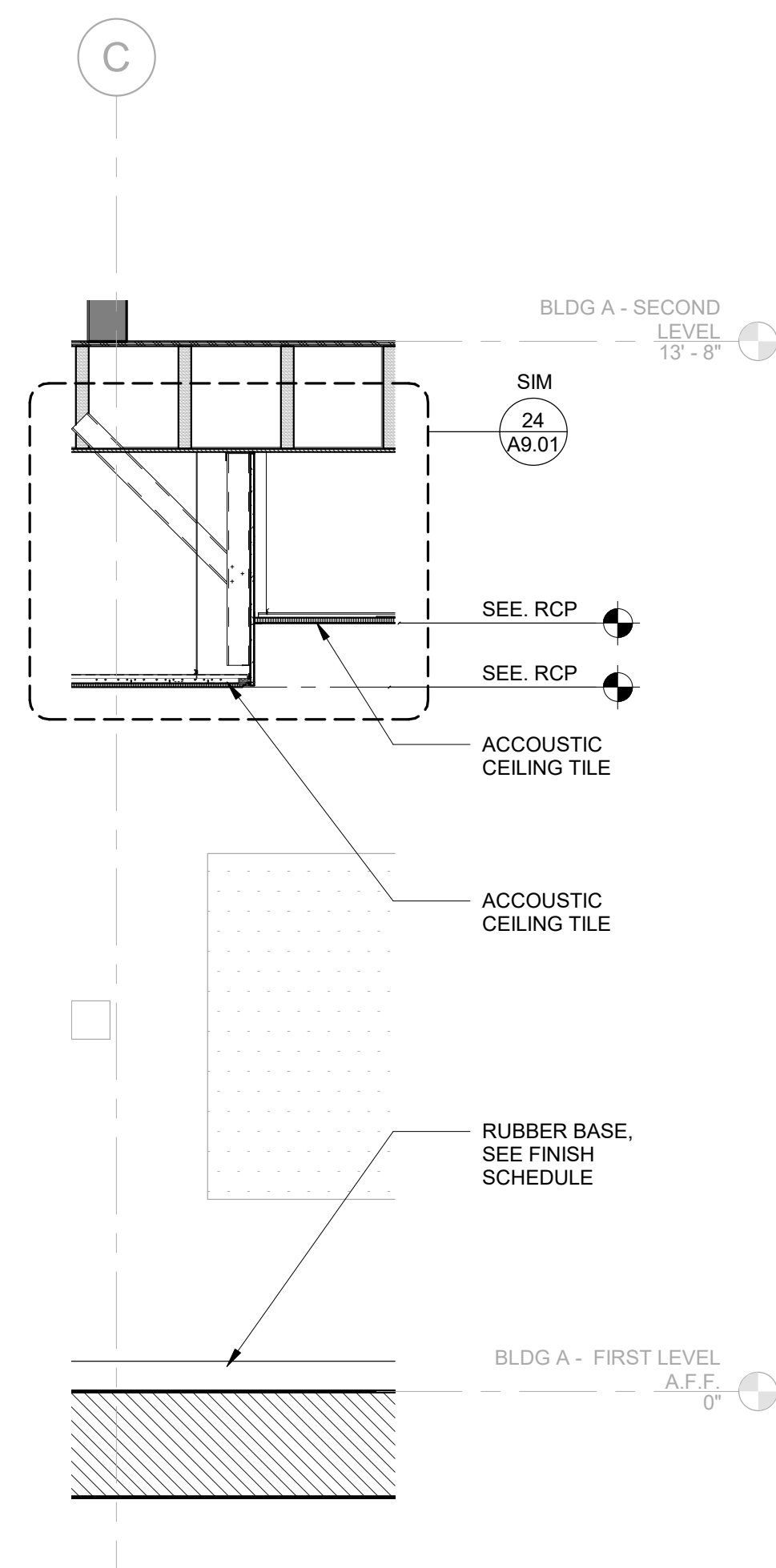
Sheet **A3.20**
 Sheet 9 of 68

GENERAL NOTES

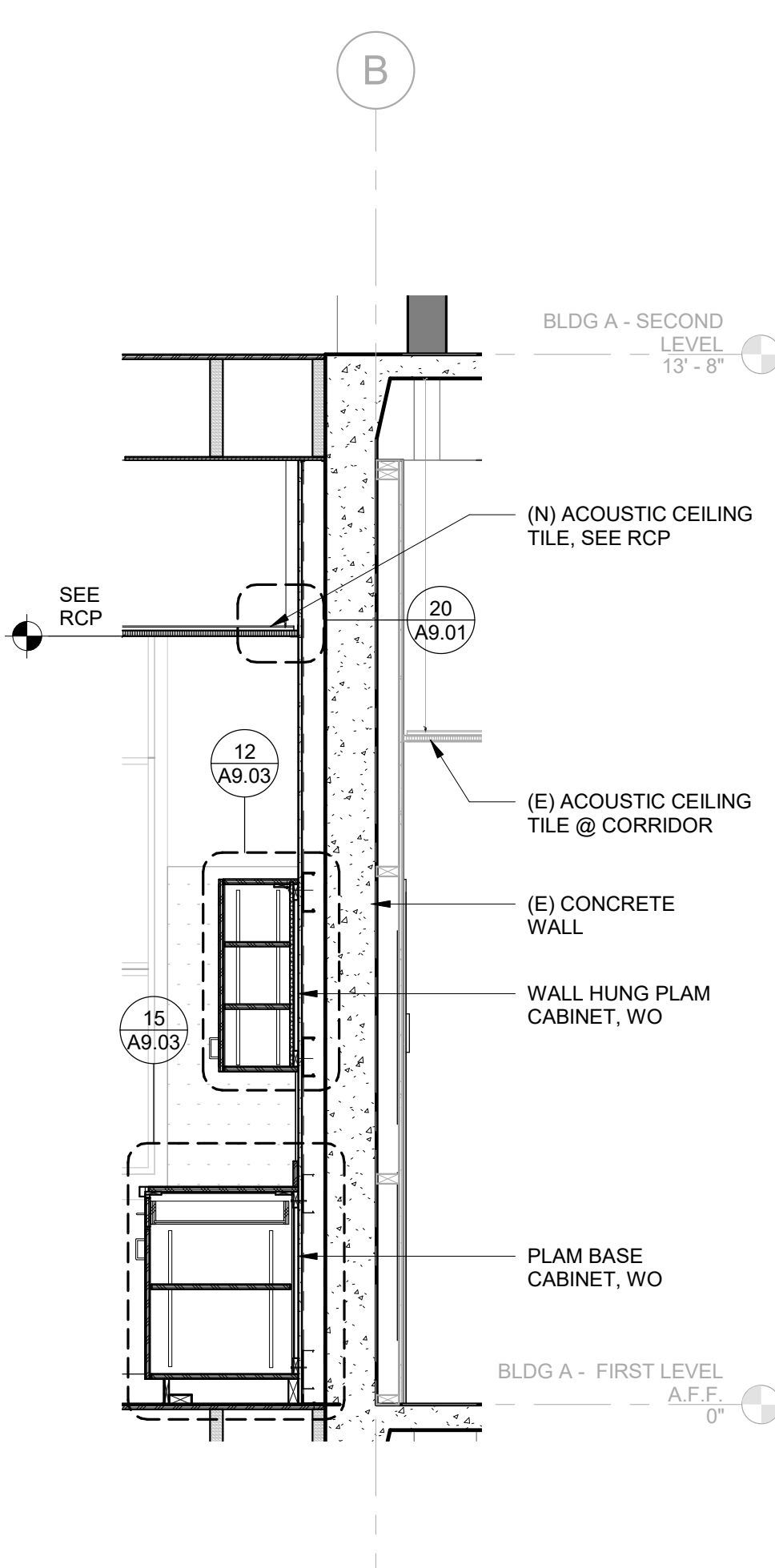
1. SEE SHEET A9.01 FOR WALL ASSEMBLIES
2. SEE SHEET A9.03 FOR FINISH SCHEDULE
3. SEE RCP FOR CEILING HEIGHTS



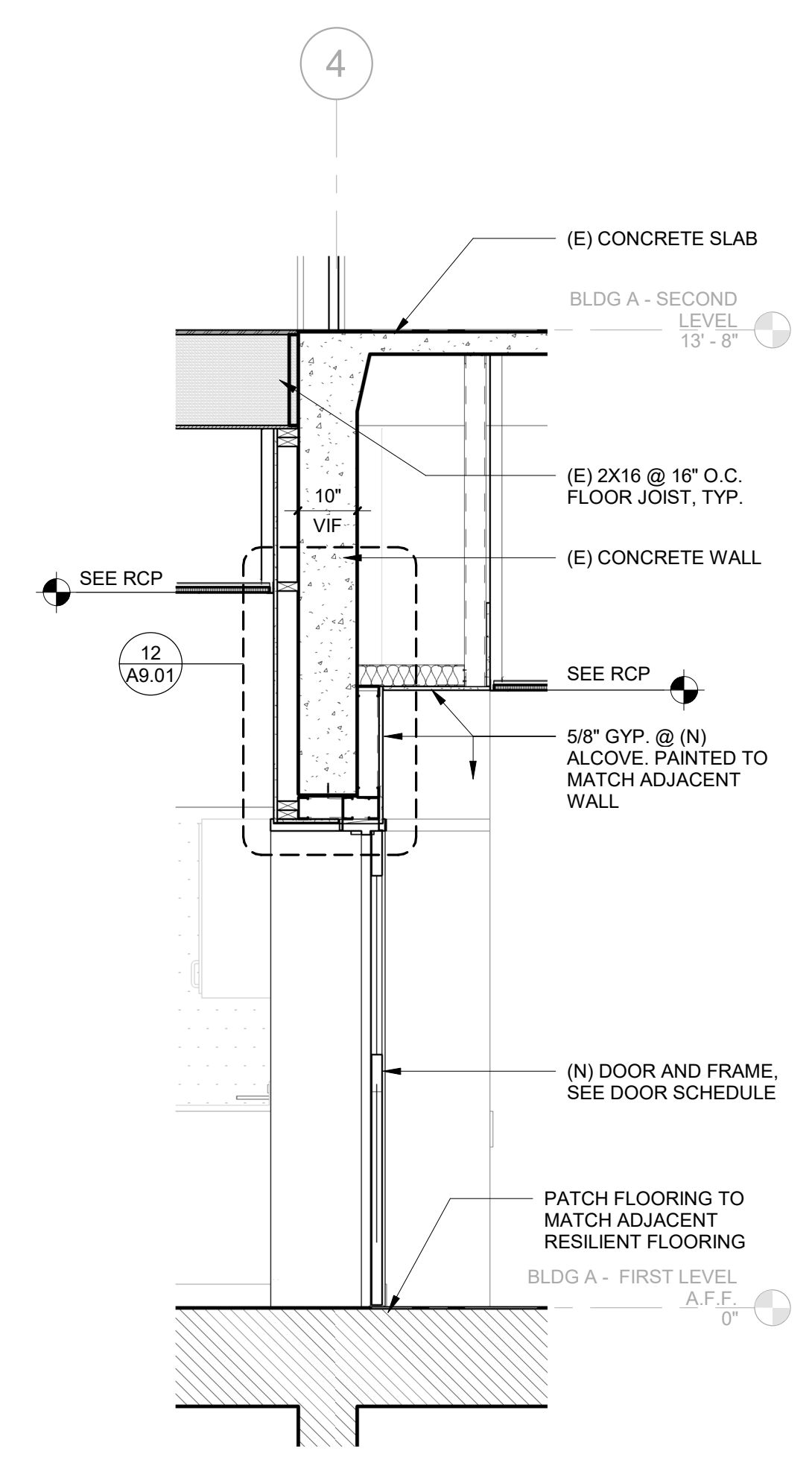
Revisions	Delta	Date	Revisions	By



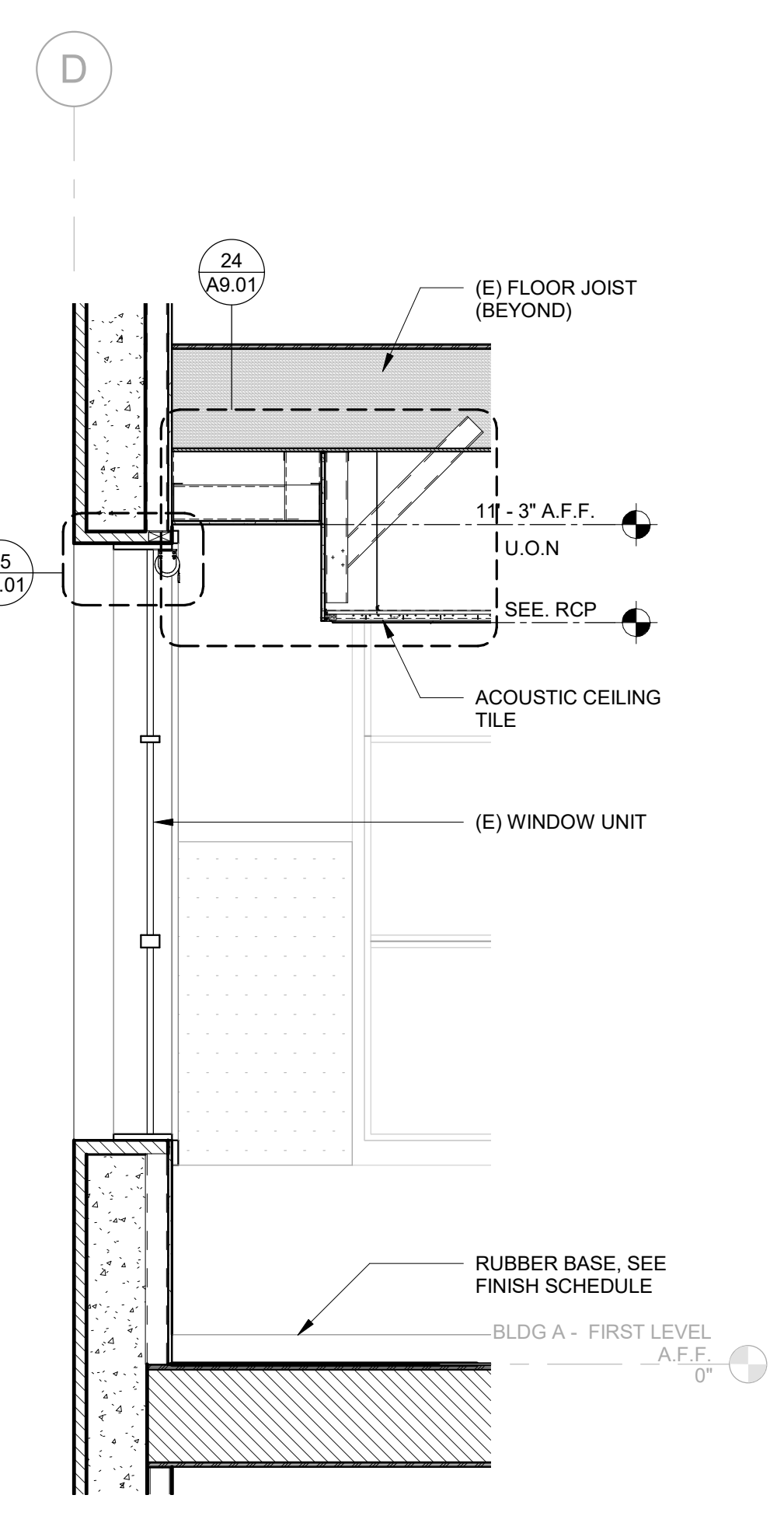
8 SOFFIT AT INTERIOR WALL @ CLASSROOM 4
1/2" = 1'-0"



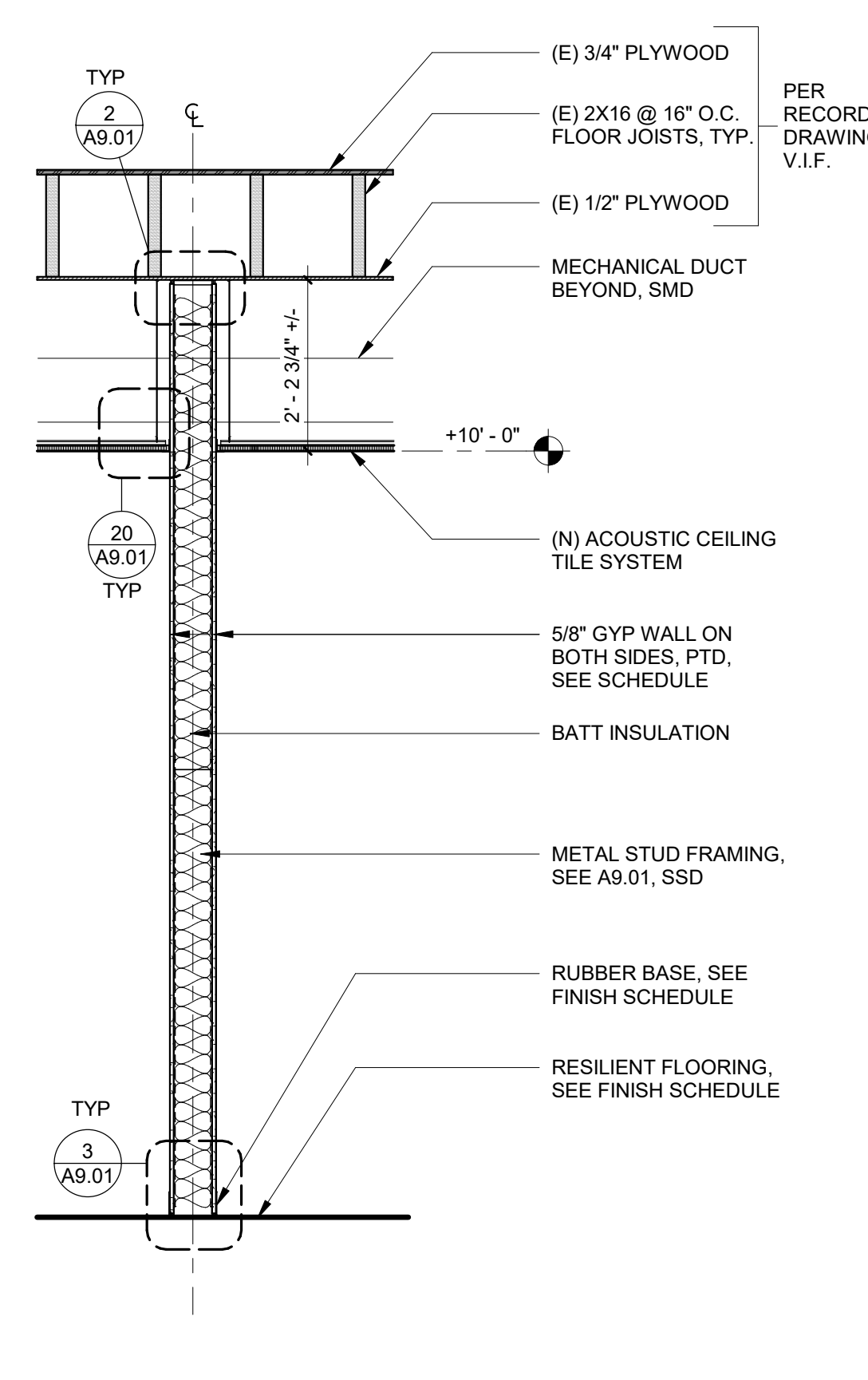
30 (E) CONCRETE WALL @ CORRIDOR
1/2" = 1'-0"



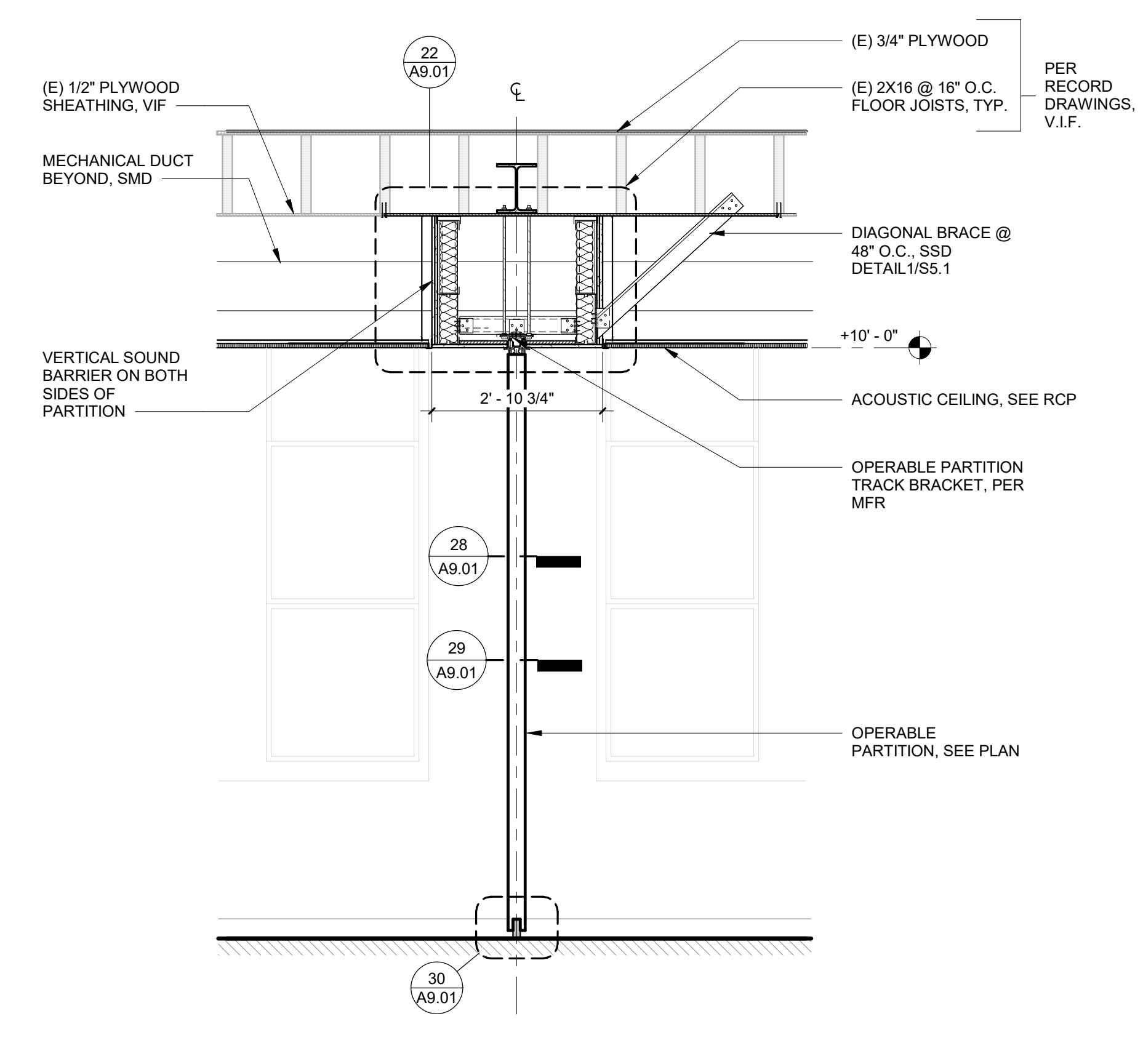
25 CLASSROOM TRANSITION TO ALCOVE
1/2" = 1'-0"



20 SOFFIT AT EXTERIOR WALL
1/2" = 1'-0"



15 INTERIOR PARTITION WALL SECTION
1/2" = 1'-0"



10 FOLDING PARTITION WALL SECTION
1/2" = 1'-0"

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HY HIBSER YAMAUCHI Architects, Inc.
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510.446.2222 tel | 510.446.2211 fax

HY Architects Project number: 5561
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project: **AD BUILDING REMODEL**

Sheet Title: **WALL SECTIONS**

Client Project Number: Client Proj. #
Scale: 1/2" = 1'-0"
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019
Sheet 10 of 68

A3.30

GENERAL NOTES

1. S.S.D., S.M.D., S.E.D. FOR FURTHER INFORMATION.
2. SEE A9.04 FOR FINISH & DOOR SCHEDULE FOR MORE INFORMATION.
3. ALL DIMENSION ARE TO GRID LINES, ROUGH OPENINGS, & FACE OF STUD. U.O.N.
4. ALL WALLS ARE FULL HEIGHT TO UNDERSIDE OF (E) PLYWOOD DIAPHRAGM.
5. ALL WORK SHALL CONFORM TO 2019 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
6. FABRICATION AND INSTALLATION OF DERERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA.
7. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGED DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
8. "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR (INSPECTOR CLASS 1).
9. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
10. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)
11. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL

KEYNOTES

- 05.02 S.S. CORNER GUARD, SEE SPECS
- 06.01 (N) FULL HEIGHT PLASTIC LAMINATE CABINET, 14/A9.03
- 06.02 P LAM COUNTER AND BASE CABINETS, 15/A9.03
- 06.03 UPPER CABINET, 12/A9.03
- 06.09 (N) P LAM COUNTERTOP, SEE DETAIL 25/A9.03
- 08.08 (N) GLAZED DOOR IN (N) DOOR FRAME IN (E) CONCRETE WALL, SEE DOOR SCHEDULE
- 09.15 PATCH FLOORING WHERE LOCKERS HAVE BEEN REMOVED. MATCH (E) FLOOR FINISH FOLDING PARTITION, SEE DETAIL 10/A3.30, SEE SPECS
- 10.06 SEMI-RECESSED FIRE EXTINGUISHER, SEE DETAIL 27/A9.03 SIM.
- 10.07 MARKER BOARD, SEE SPECS, TYP.
- 10.12 TEACHING WALL CASEWORK WHORIZONTAL SLIDING MARKERBOARD UNIT, SEE DETAIL 10/A9.03
- 26.05 (E) ELECTRICAL PANEL TO REMAIN, S.E.D.

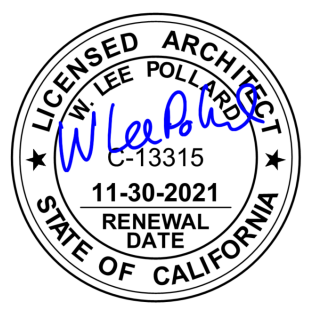
LEGEND

- AREA NOT IN PROJECT SCOPE
- (E) NON-RATED FIRE-RESISTIVE PARTITION AND/OR EXTERIOR WALL TO REMAIN
- (N) NON-RATED FIRE-RESISTIVE PARTITION
- DOOR TAG
- INDICATES PANIC HARDWARE
- DOOR NUMBER



Delta	Date	Revisions	By

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Architect/Engineer Of Record:



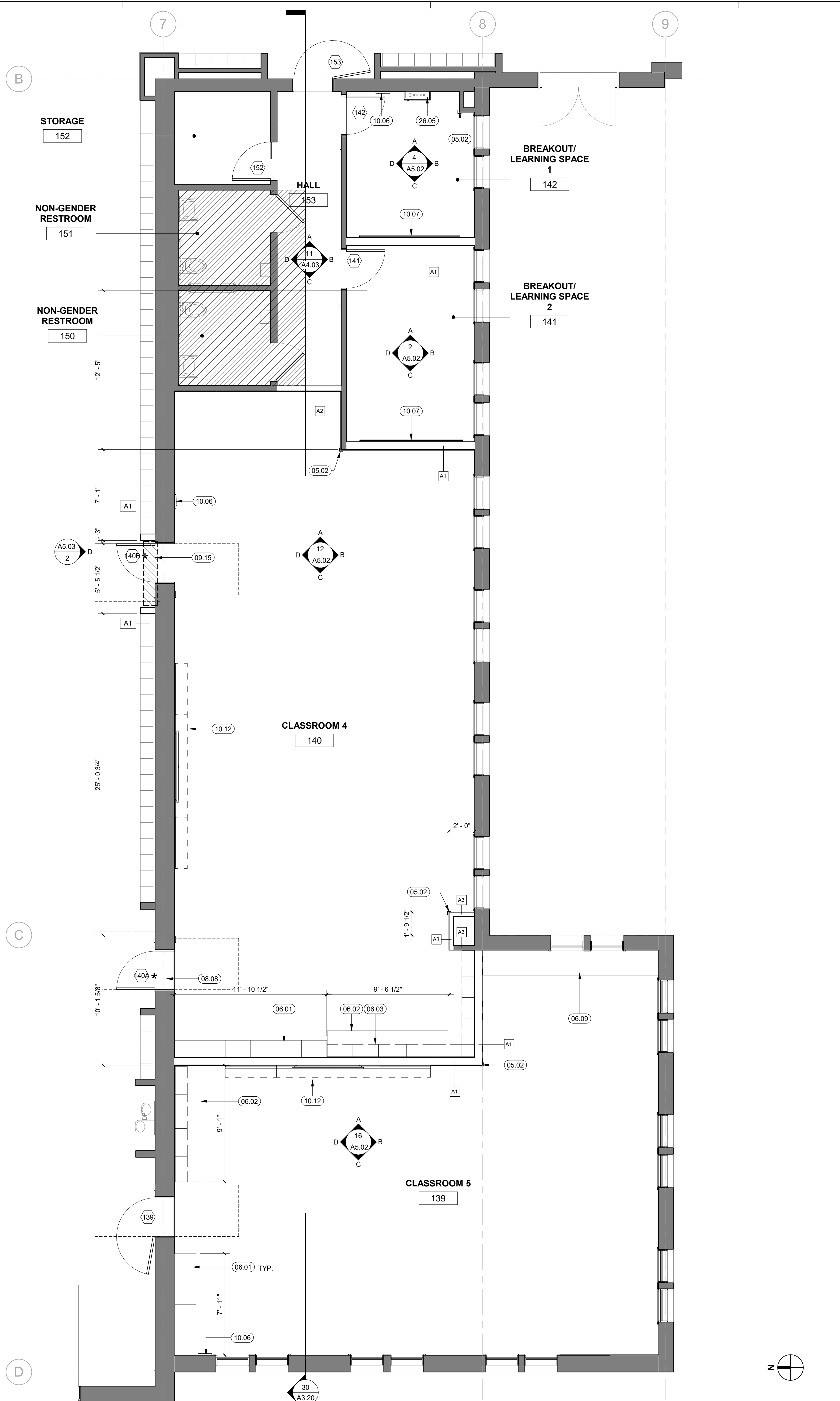
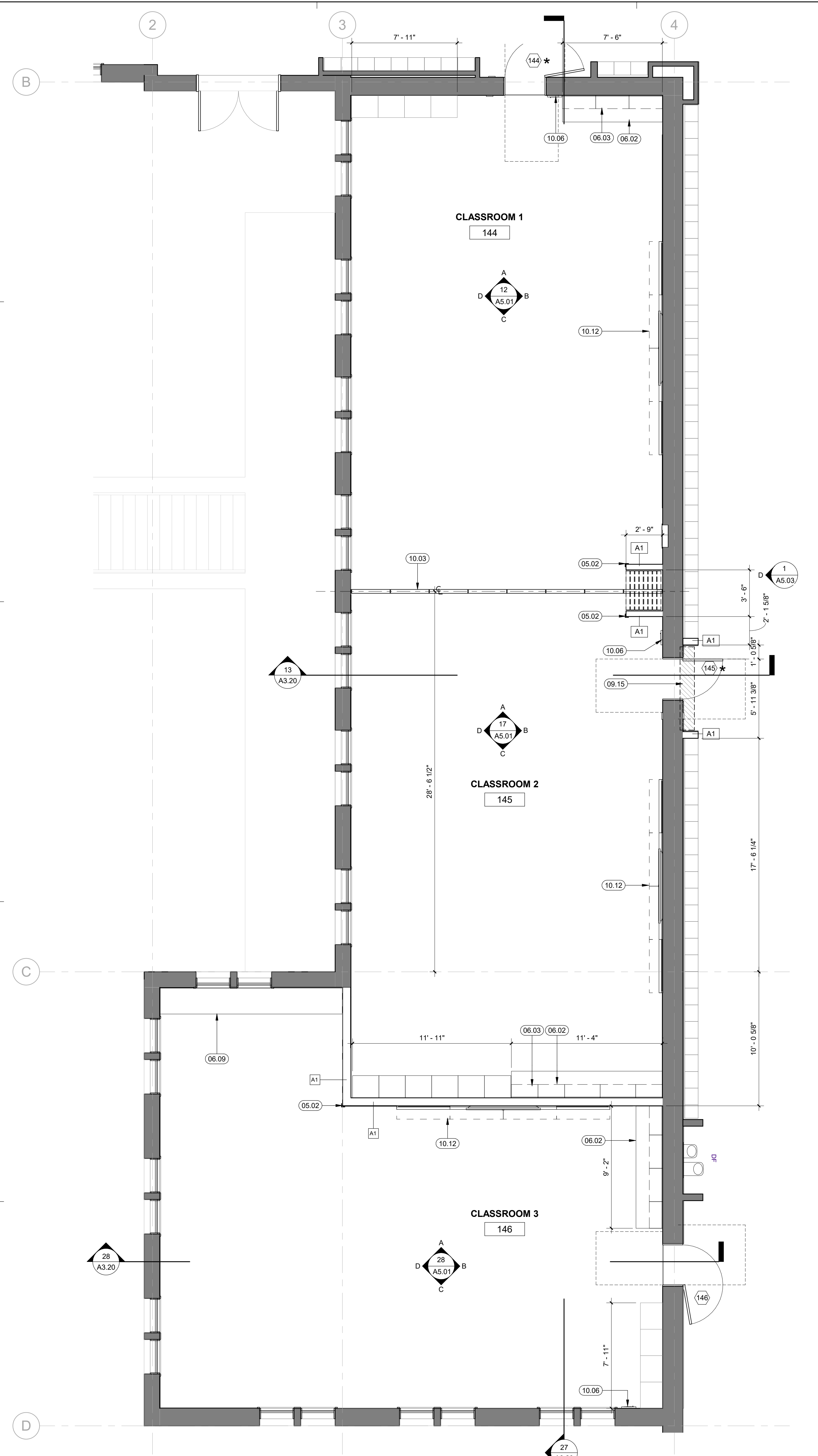
HY HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
Oakland, CA 94612
510.446.2222 tel | 510.446.2211 fax

HY Architects Project number: 5561
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

Sheet Title: ENLARGED FLOOR PLANS

Client Project Number: Client Proj. #
Scale: 1/4" = 1'-0"
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019
Sheet 11 of 68



30 FIRST FLOOR DETAILED PLAN - AREA A
1/4" = 1'-0"

15 FIRST FLOOR DETAILED PLAN - AREA B
1/4" = 1'-0"

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GENERAL NOTES

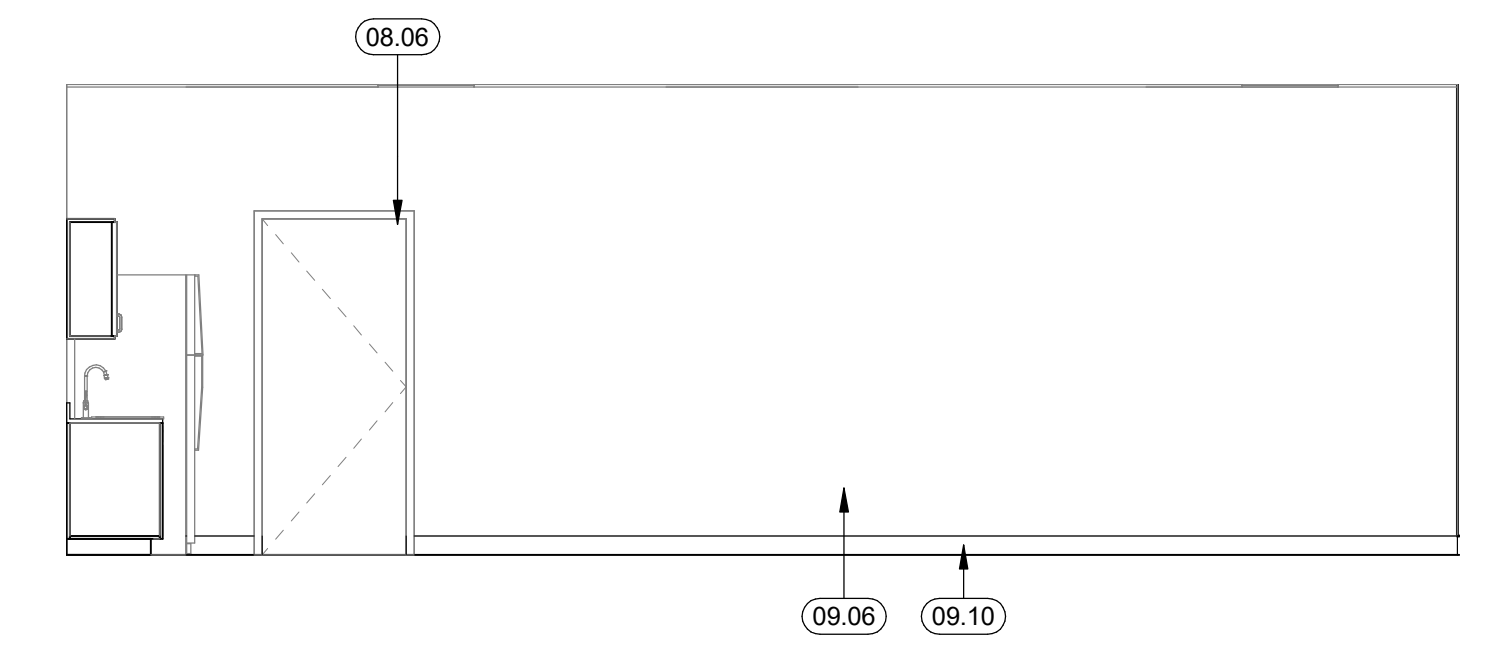
1. S.S.D., S.M.D., S.E.D. FOR FURTHER INFORMATION.
2. SEE A9.04 FOR FINISH & DOOR SCHEDULE FOR MORE INFORMATION.
3. ALL DIMENSIONS ARE TO GRID LINES, ROUGH OPENINGS, & FACE OF STUD. U.O.N.
4. ALL (N) WALLS ARE FULL HEIGHT TO UNDERSIDE OF (E) PLYWOOD DIAPHRAGM.
5. SEE RCP FOR MORE INFORMATION.

KEYNOTES

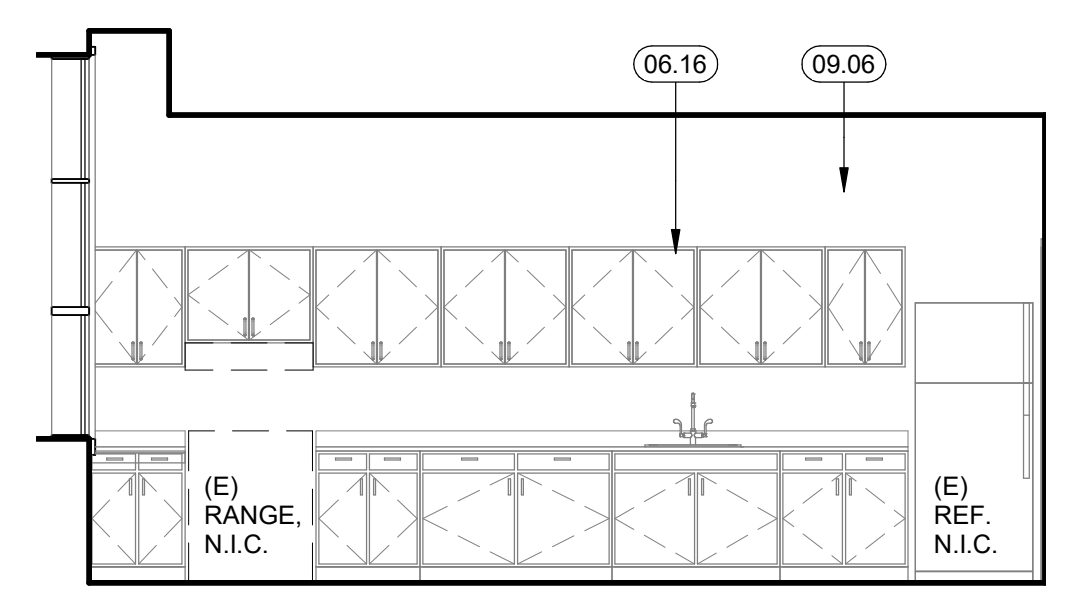
- | Delta | Date | Revisions | By |
|-------|------|---|----|
| 06.06 | | (E) FULL HEIGHT P-LAM CABINET, REPLACE DAMAGED CASEWORK, MATCH EXISTING | |
| 06.10 | | (E) COUNTERTOP, REPLACE DAMAGED LAMINATED COUNTERTOP, MATCH EXISTING | |
| 06.14 | | (E) SHELVING, REPLACE DAMAGED P-LAM SHELVING, MATCH EXISTING | |
| 06.16 | | (E) P-LAM CASEWORK, REPLACE DAMAGED CASEWORK, MATCH EXISTING | |
| 08.02 | | (E) WINDOW UNIT, PATCH, REPAIR & PAINT DAMAGED OR SCUFFED WINDOWS AND TRIM | |
| 08.06 | | (E) DOOR & FRAME, PAINT SCUFFED OR DAMAGED DOOR TO MATCH (E), SEE DOOR SCHEDULE | |
| 08.16 | | (E) ROLL UP COUNTER TRANSACTION WINDOW TO REMAIN | |
| 09.06 | | (E) GYPSUM BOARD, PATCH, REPAIR & PAINT TO MATCH (E) AS NEEDED | |
| 09.10 | | (E) RUBBER BASE, REPLACE DAMAGED BASE, SEE FINISH SCHEDULE | |
| 09.12 | | (E) RESILIENT FLOORING TILE, REPLACE DAMAGED TILE(S), MATCH EXISTING | |
| 09.14 | | (E) ACOUSTIC CEILING TILE, REPLACE DAMAGED TILES | |
| 10.04 | | (E) ROOM SIGNAGE, REPLACE DAMAGED SIGN, SEE A9.05 | |
| 10.13 | | (E) SURFACE MOUNTED TACKBOARD TO REMAIN | |



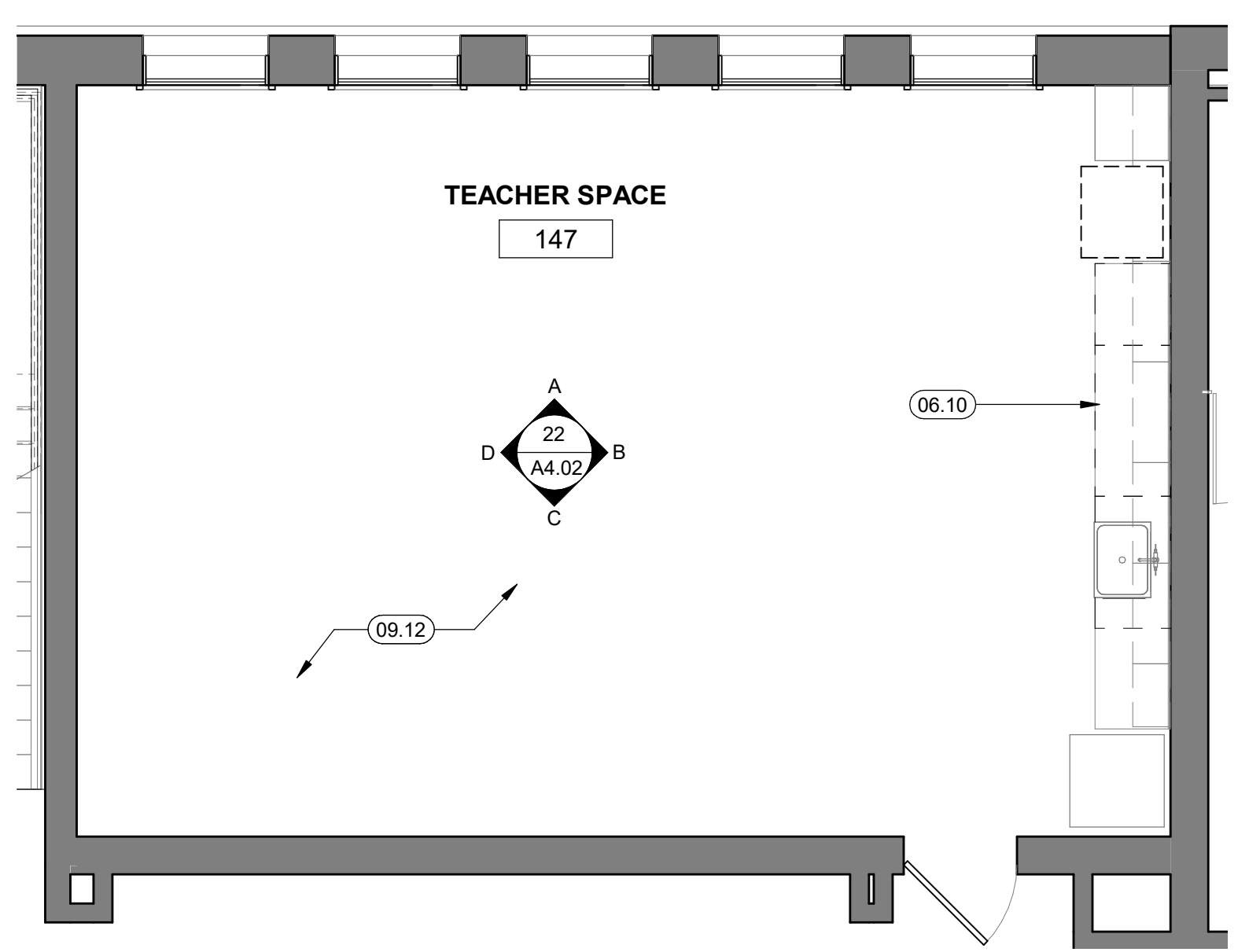
21 TEACHER SPACE - VIEW C
1/4" = 1'-0"



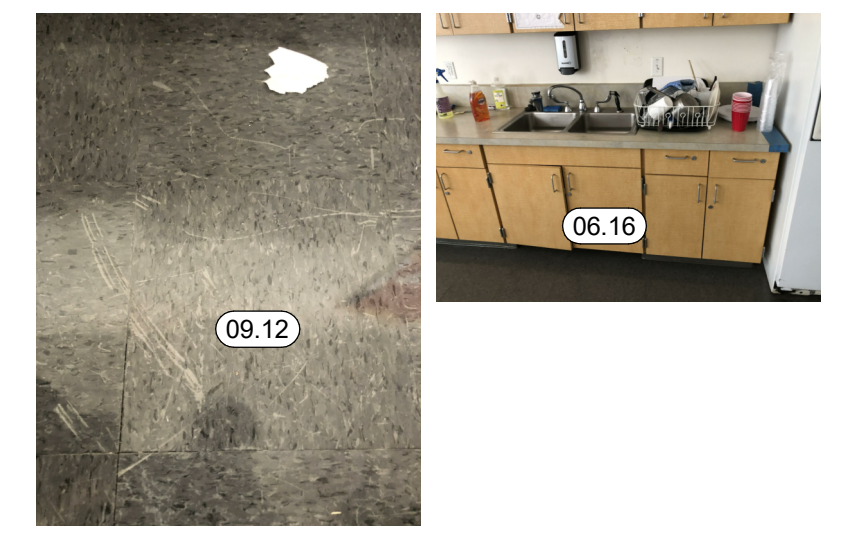
11 TEACHER SPACE - VIEW B
1/4" = 1'-0"



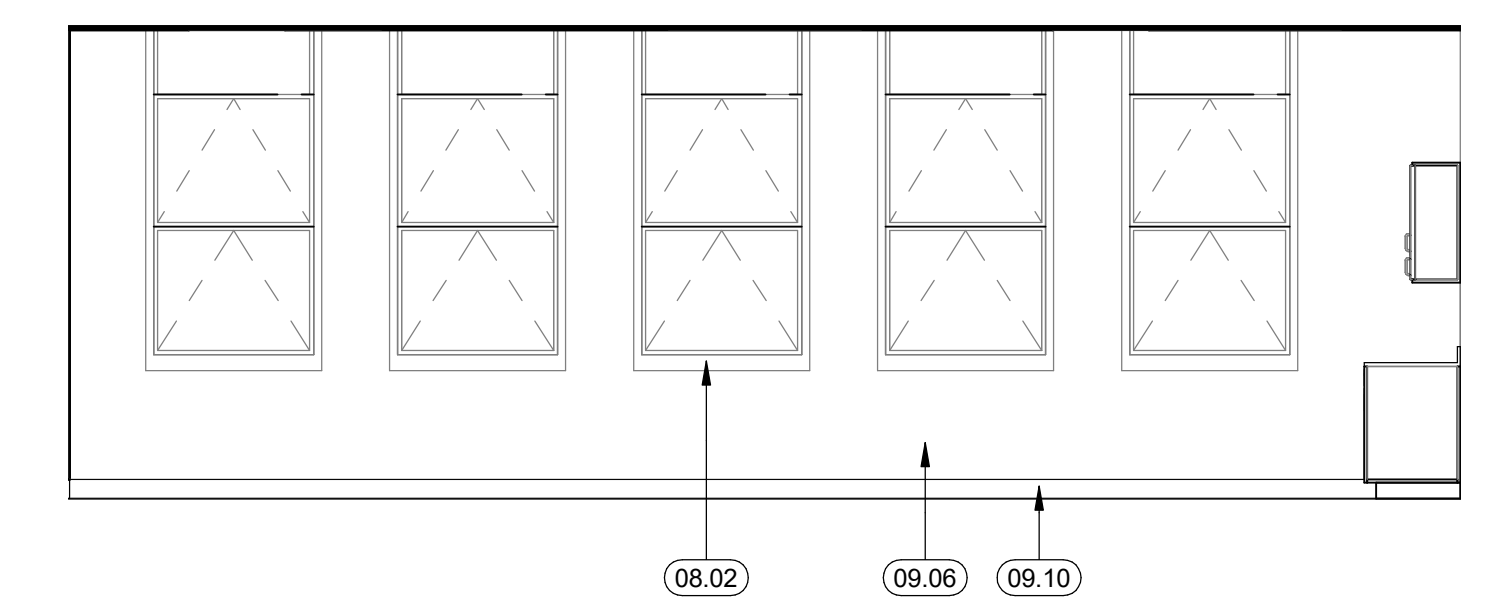
7 ENLARGED TEACHER SPACE PLAN
1/4" = 1'-0"



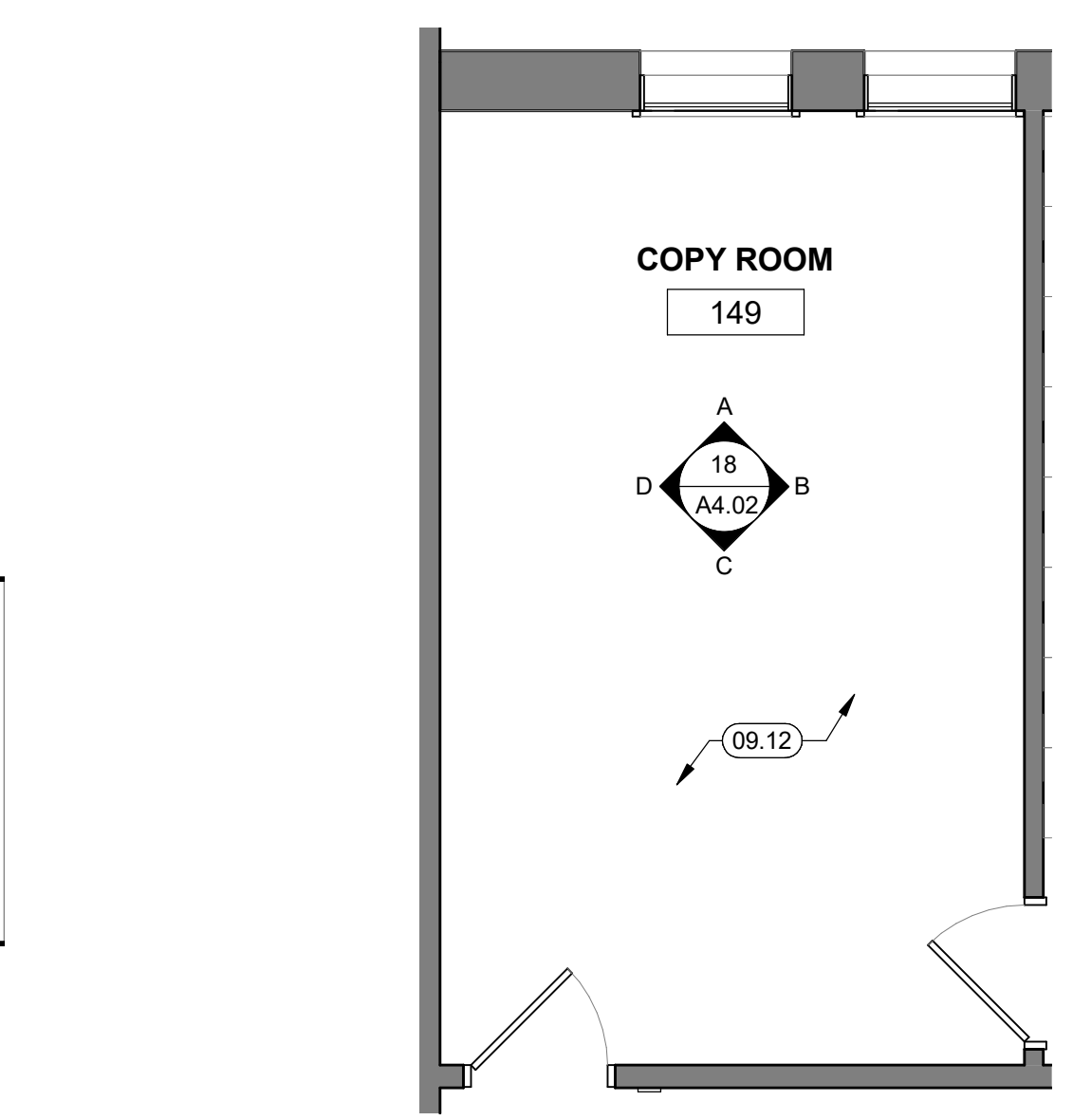
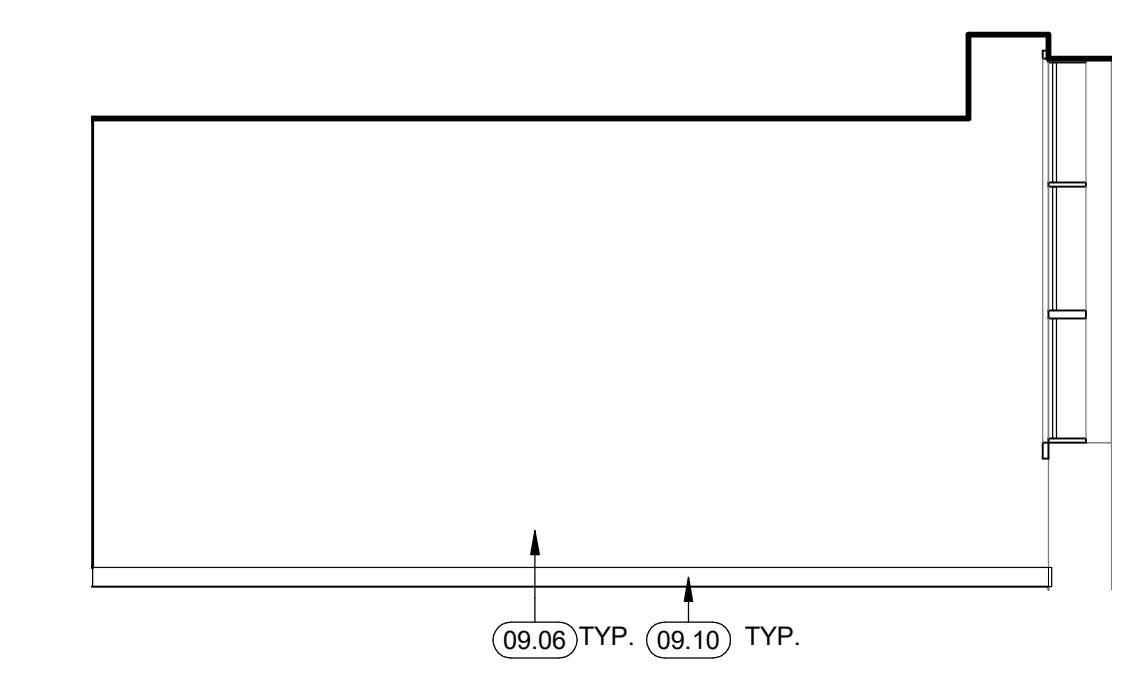
27 TEACHER SPACE REPAIR PHOTOS
1/8" = 1'-0"



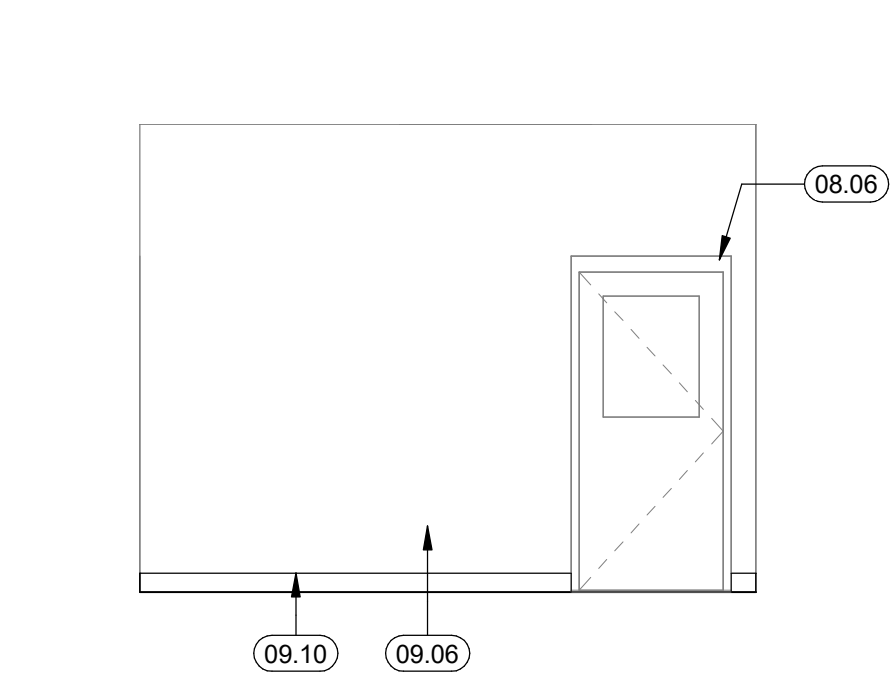
22 TEACHER SPACE - VIEW A
1/4" = 1'-0"



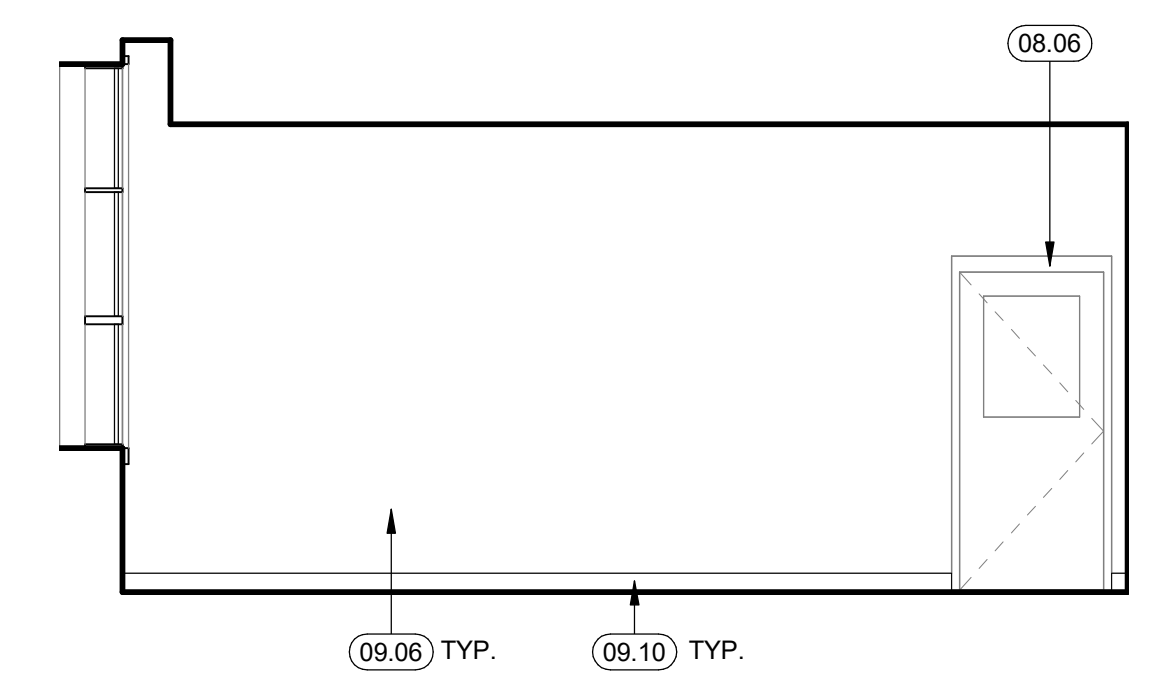
12 TEACHER SPACE - VIEW D
1/4" = 1'-0"



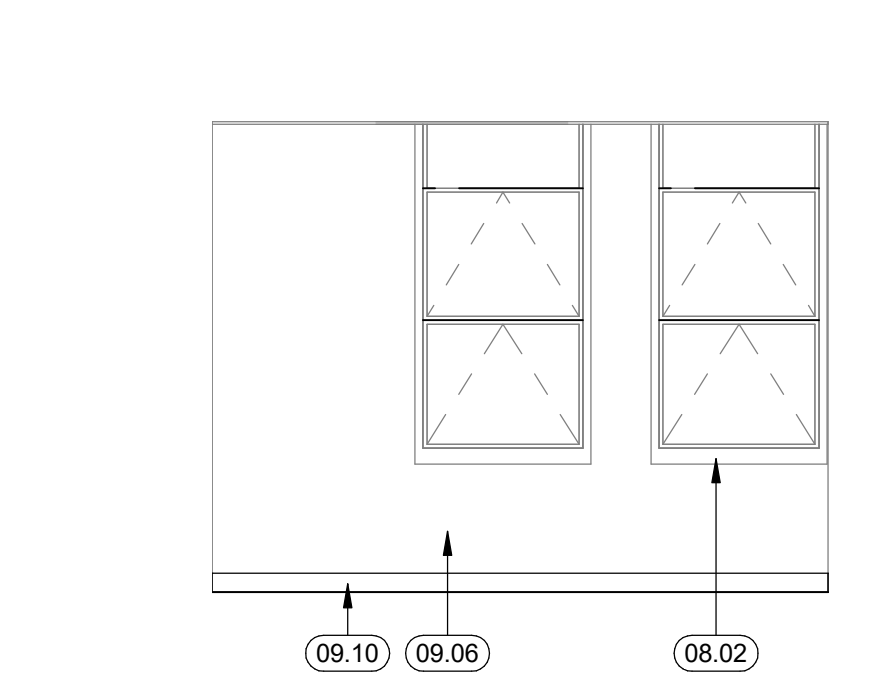
8 ENLARGED COPY ROOM
1/4" = 1'-0"



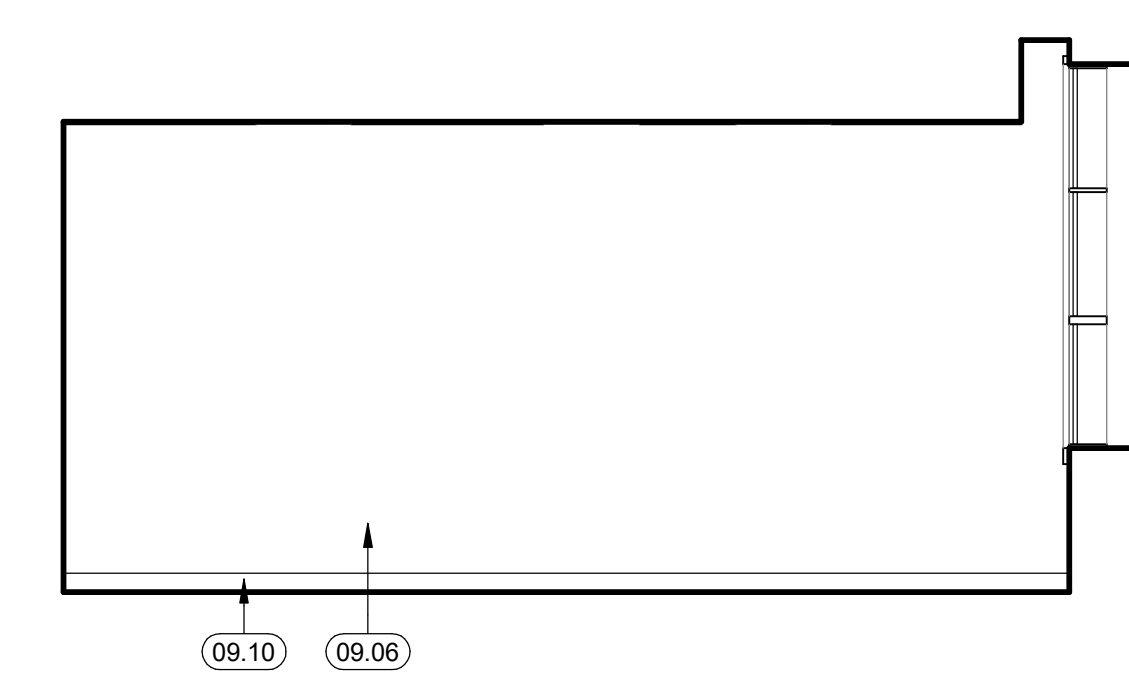
28 COPY ROOM WEST
1/4" = 1'-0"



23 COPY ROOM SOUTH
1/4" = 1'-0"



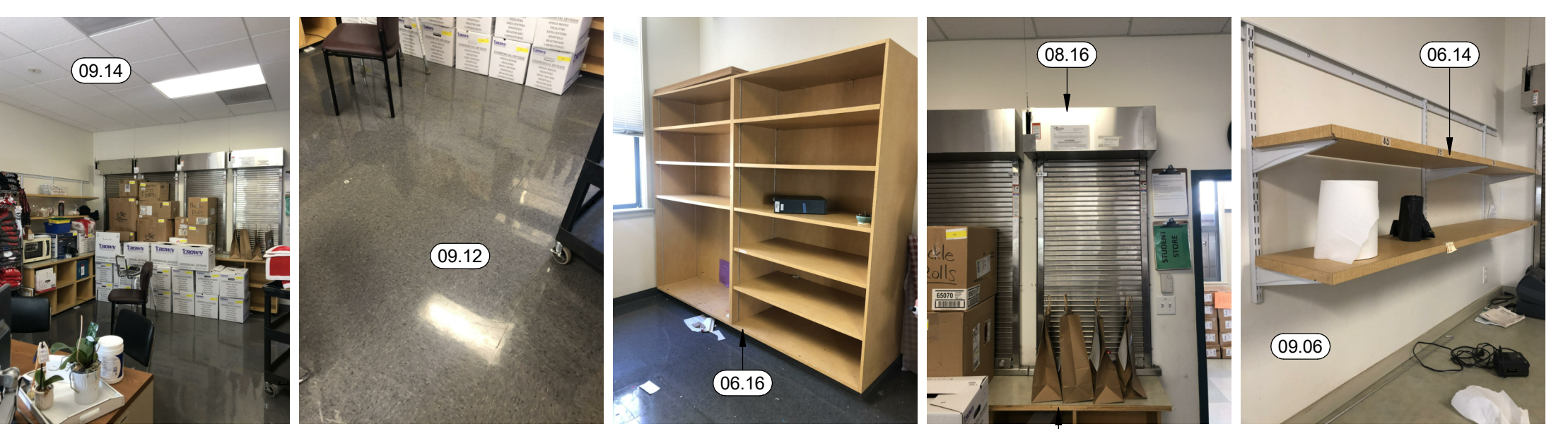
18 COPY ROOM EAST
1/4" = 1'-0"



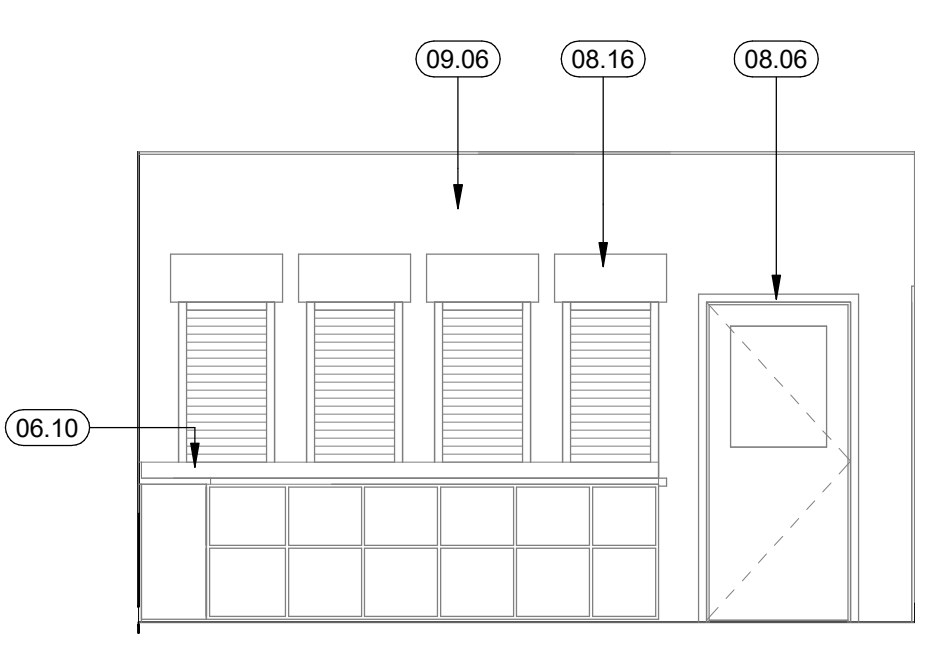
13 COPY ROOM NORTH
1/4" = 1'-0"

LEGEND

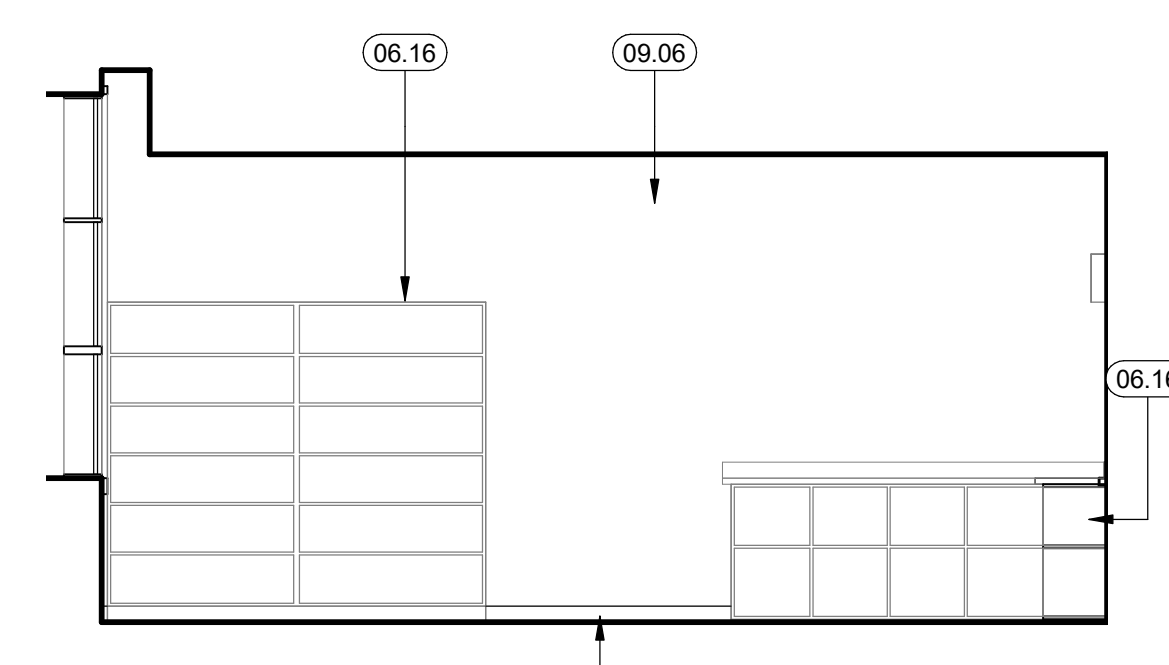
- [Hatched Box] AREA NOT IN PROJECT SCOPE
- [Thick Line] (E) NON-RATED FIRE-RESISTIVE PARTITION AND/OR EXTERIOR WALL TO REMAIN
- [Thin Line] (N) NON-RATED FIRE-RESISTIVE PARTITION
- [Circle with Arrow] DOOR TAG
- [Star] INDICATES PANIC HARDWARE
- [Number] DOOR NUMBER



29 STORAGE 148 REPAIR PHOTOS
1/8" = 1'-0"



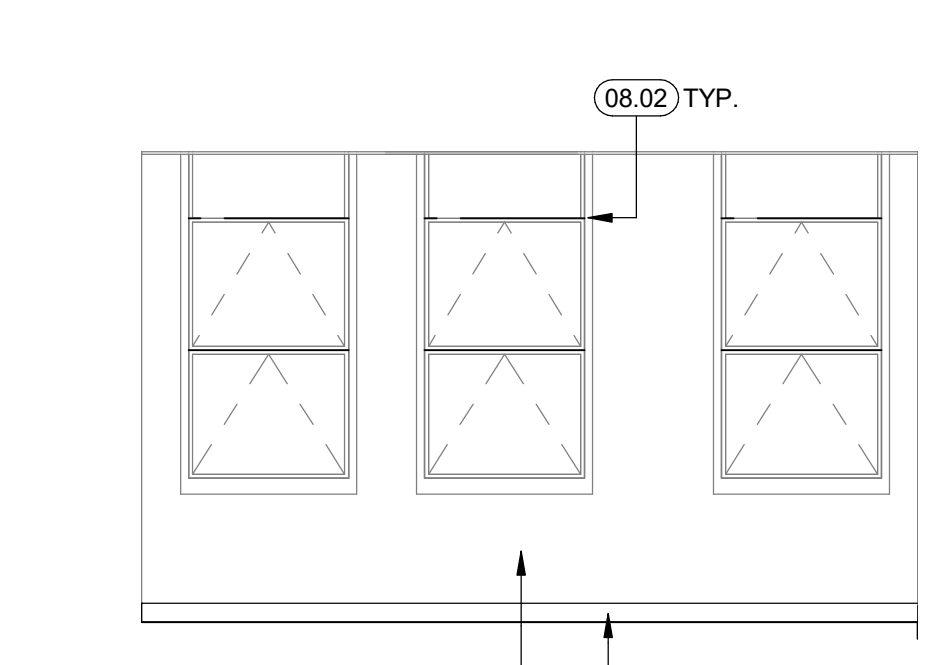
30 STORAGE 148 - VIEW C
1/4" = 1'-0"



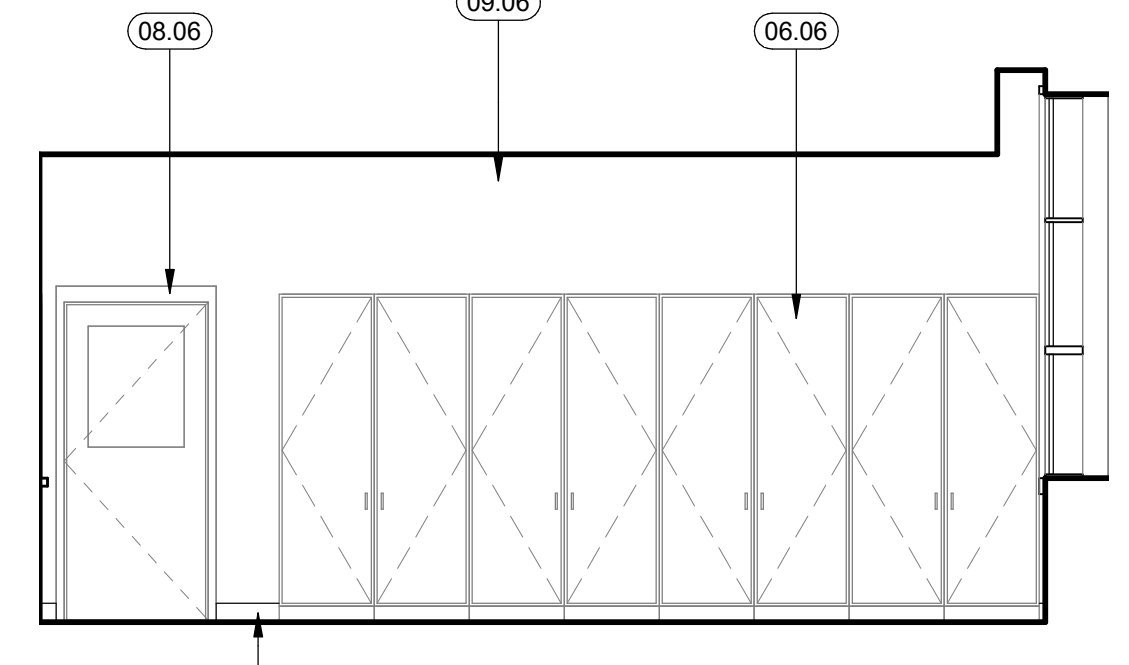
25 STORAGE 148 - VIEW B
1/4" = 1'-0"



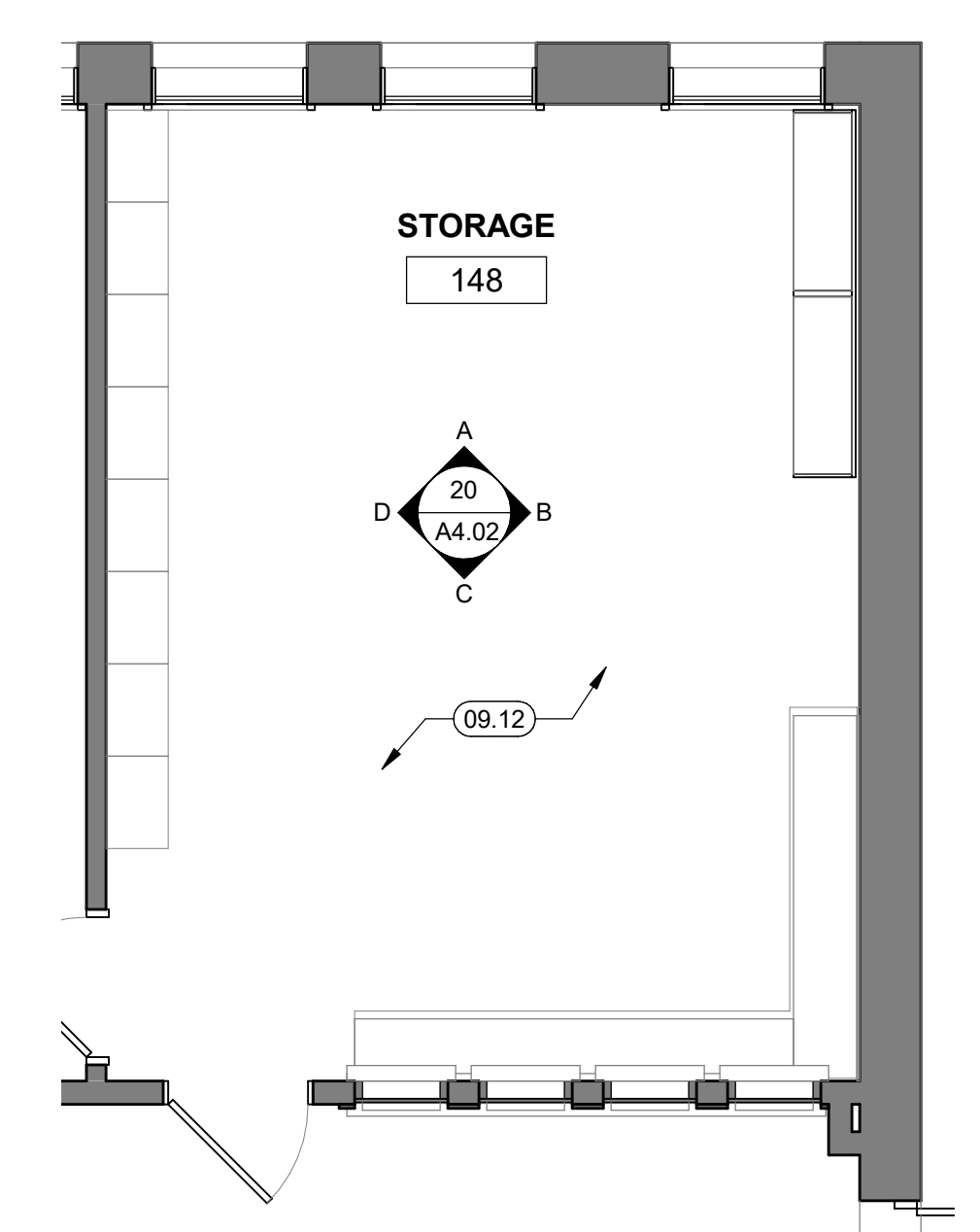
19 COPY ROOM REPAIR PHOTOS
1/8" = 1'-0"



20 STORAGE 148 - VIEW A
1/4" = 1'-0"

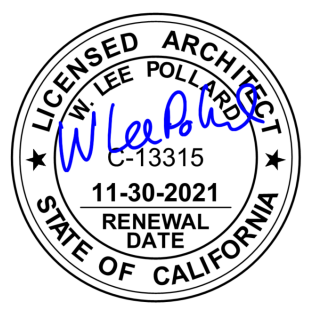


15 STORAGE 148 - VIEW D
1/4" = 1'-0"



10 ENLARGED STORAGE 148
1/4" = 1'-0"

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Architect/Engineer Of Record:



HY HIBSER YAMAUCHI Architects, Inc.

300 - 27th Street
Oakland, CA 94612
510.446.2222 tel | 510.446.2211 fax

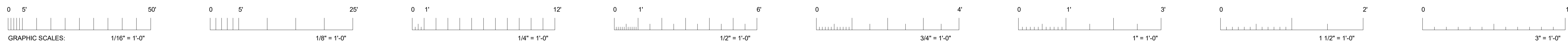
HY Architects Project number: 5661
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

Sheet Title: ENLARGED FLOOR PLANS

Client Project Number: Client Proj. #
Scale: As indicated
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019
Sheet 12 of 68

A4.02



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119449 INC.
REVIEWED FOR
SS FLS ACS
DATE: 07/26/2021

GENERAL NOTES

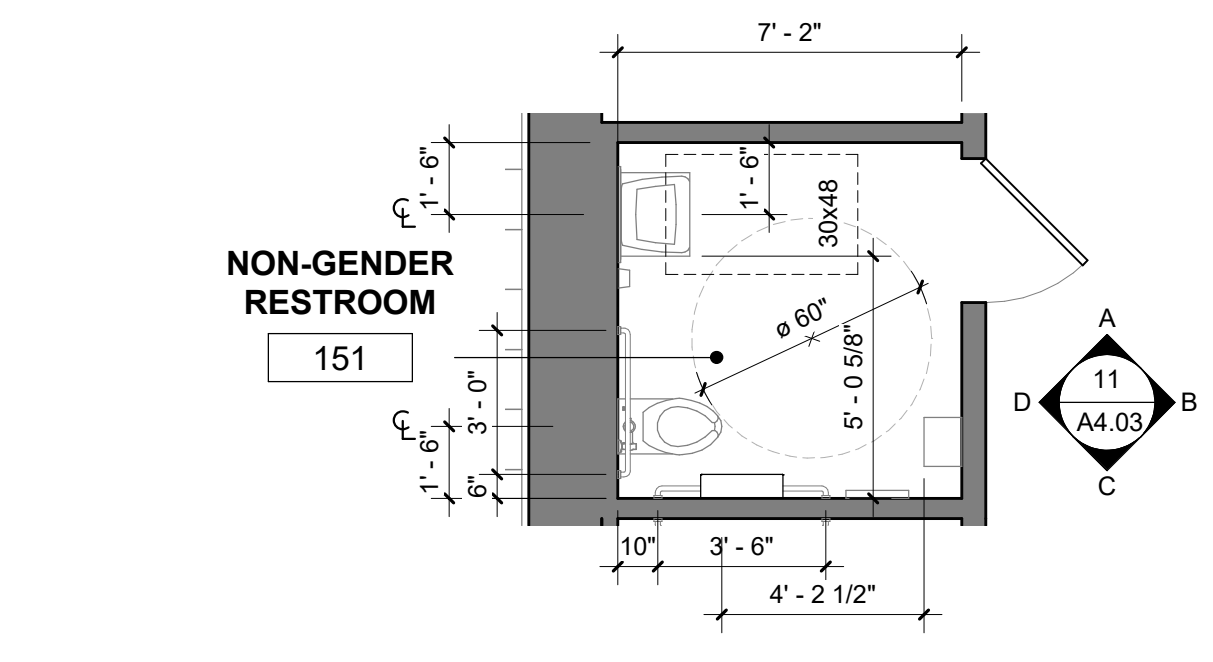
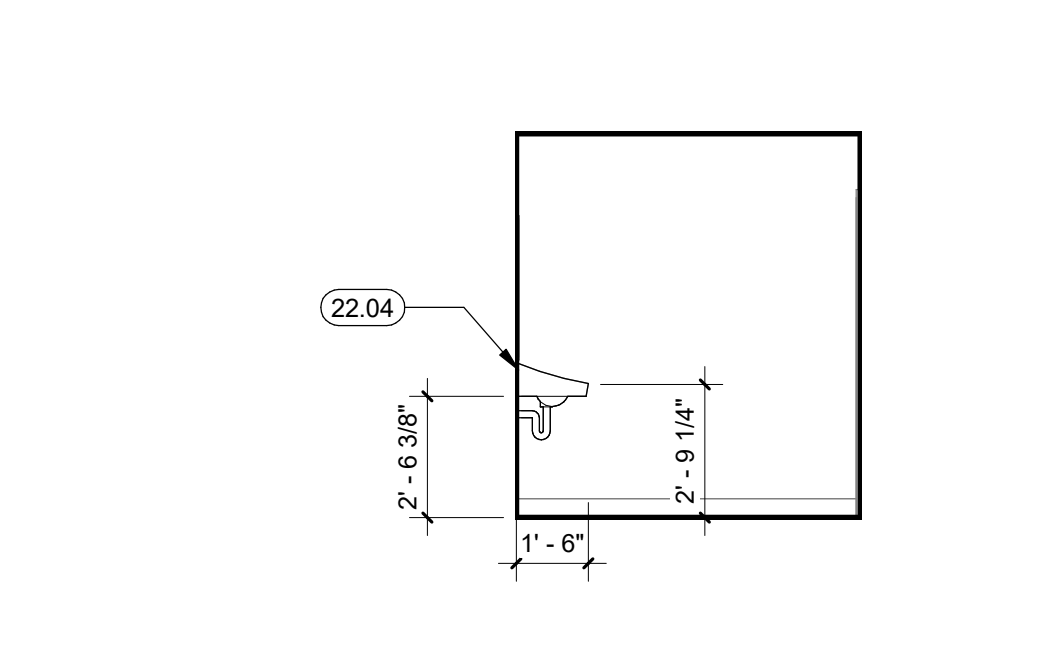
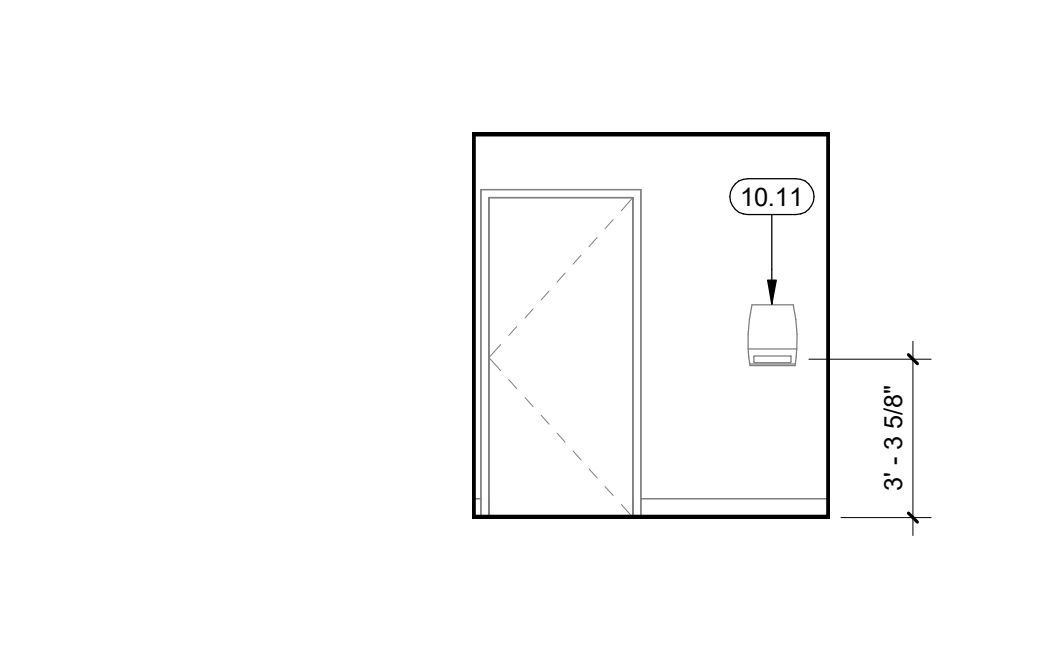
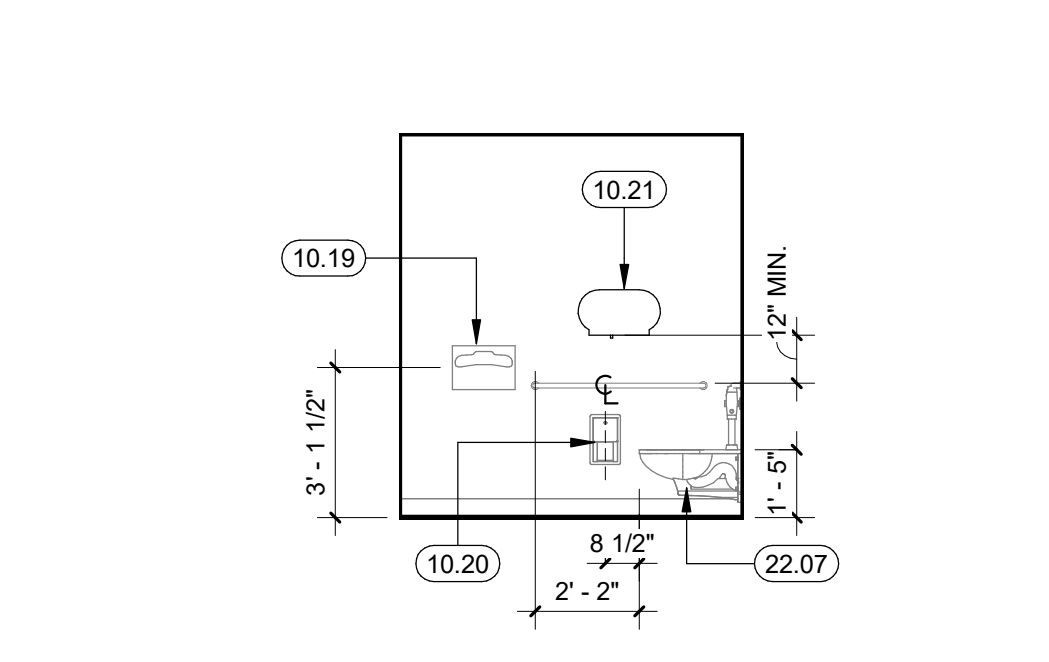
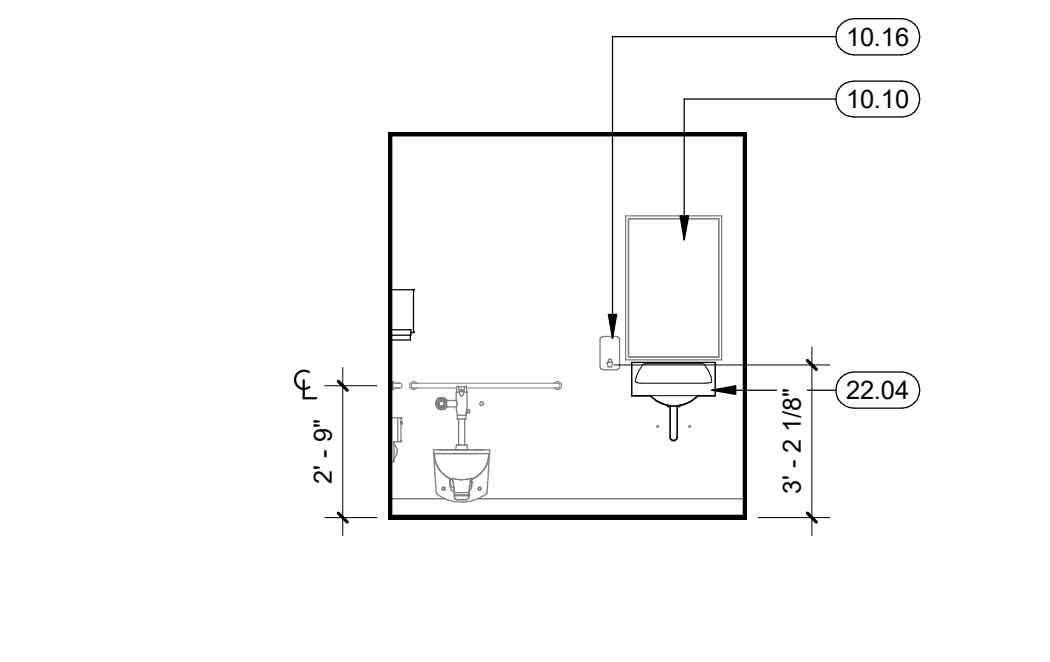
1. THIS SHEET REFERENCES THE (E) ACCESSIBLE RESTROOMS IN THE BUILDING. THE REFERENCED RESTROOMS ON THIS SHEET DO NOT HAVE ANY ARCHITECTURAL SCOPE.
2. (E) RESTROOMS TO HAVE MINOR ELECTRICAL SCOPE. SEE SED
3. SEE RCP FOR MORE INFORMATION

KEYNOTES

- | | |
|-------|--|
| 09.22 | REPAIR AND REPLACE DAMAGED TILE WHERE PLUMBING FIXTURE AND WALL HUNG ACCESSORIES HAVE BEEN DEMOLISHED. |
| 10.09 | (E) PHENOLIC TOILET PARTITION |
| 10.10 | (E) MIRROR |
| 10.11 | (E) PAPER TOWEL DISPENSER |
| 10.16 | (E) SOAP DISPENSER |
| 10.19 | (E) SEAT COVER DISPENSER |
| 10.20 | (E) TOILET TISSUE DISPENSER |
| 10.21 | (E) TOILET TISSUE DISPENSER TO BE RELOCATED WITH 12" MIN. SPACE BETWEEN THE BOTTOM OF THE DISPENSER AND THE GRAB BAR (PER CBC FIGURE §118-609.3) |
| 10.22 | RELOCATE (E) PAPER TOWEL DISPENSER |
| 10.23 | RELOCATE (E) MIRROR |
| 10.24 | RELOCATE (E) SOAP DISPENSER |
| 10.25 | RELOCATE (E) GRAB BAR |
| 10.26 | RELOCATE (E) SEAT COVER DISPENSER |
| 10.27 | RELOCATE (E) RECESSED TOILET TISSUE DISPENSER |
| 22.04 | (E) LAVATORY |
| 22.05 | (E) URINAL |
| 22.07 | (E) TOILET |
| 22.12 | CAP (E) PLUMBING LINES AND PIPES FROM REMOVED LAVATORY. |
| 22.20 | RELOCATE (E) LAVATORY |
| 22.21 | RELOCATE (E) TOILET |



Revisions	Delta	Date	Revisions	By



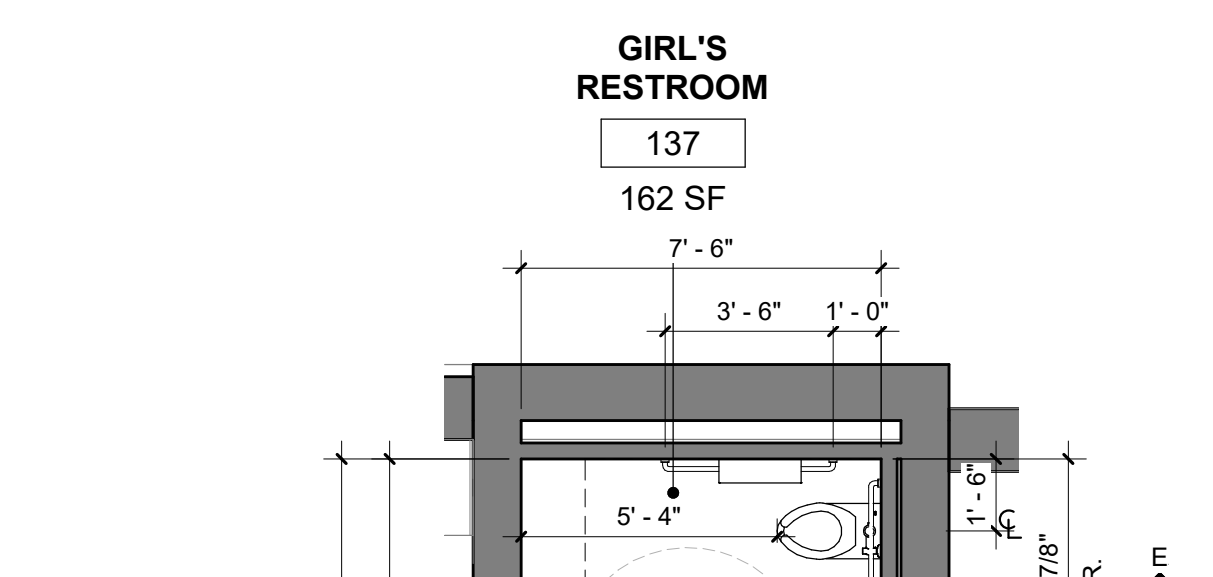
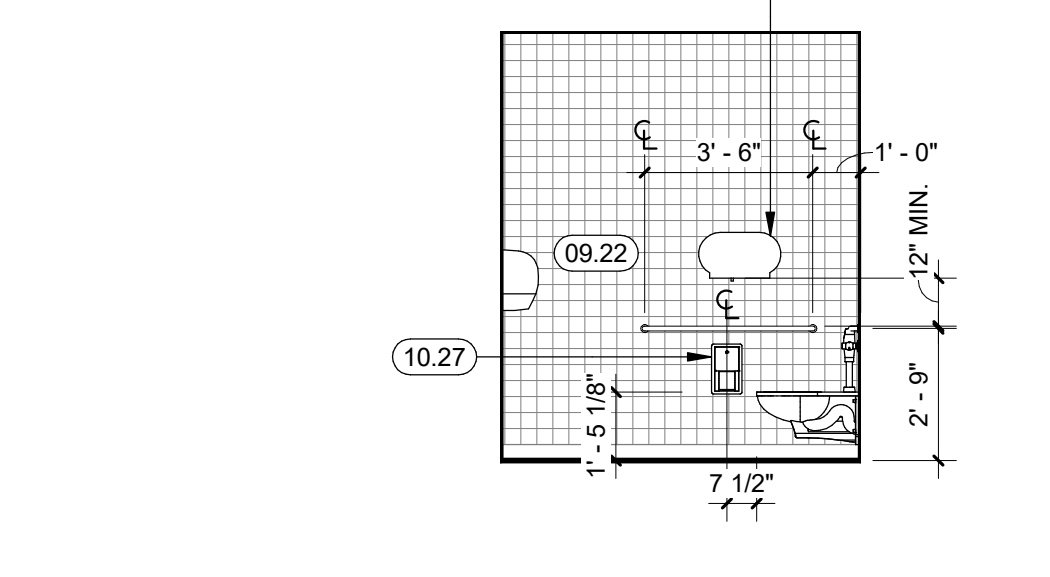
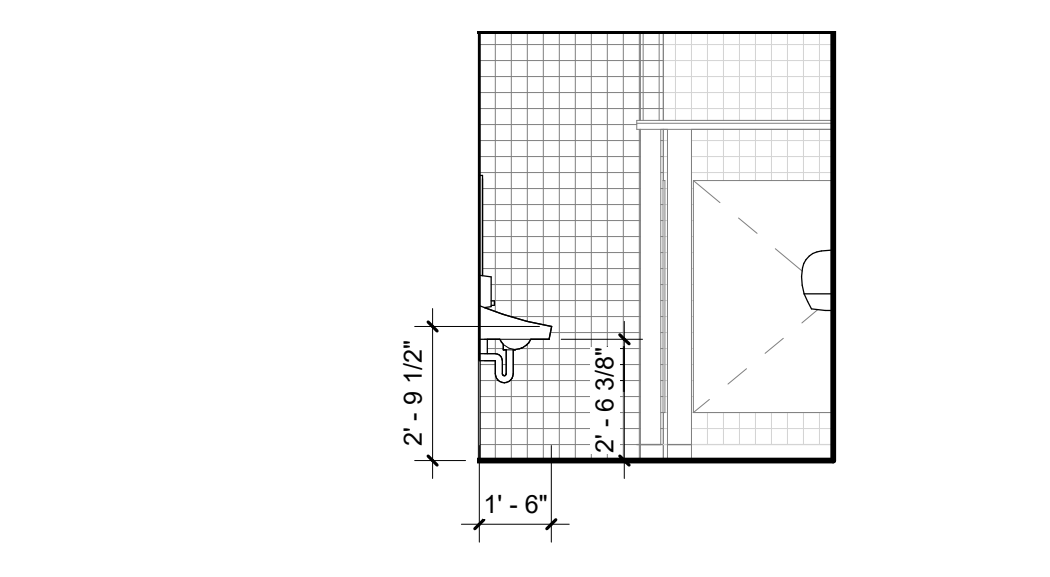
5 ALL GENDER 151 VIEW D
1/4" = 1'-0"

21 ALL GENDER 151 VIEW C
1/4" = 1'-0"

16 ALL GENDER 151 VIEW B
1/4" = 1'-0"

11 ALL GENDER 151 VIEW A
1/4" = 1'-0"

6 ENLARGED ALL GENDER RESTROOM 151
1/4" = 1'-0"



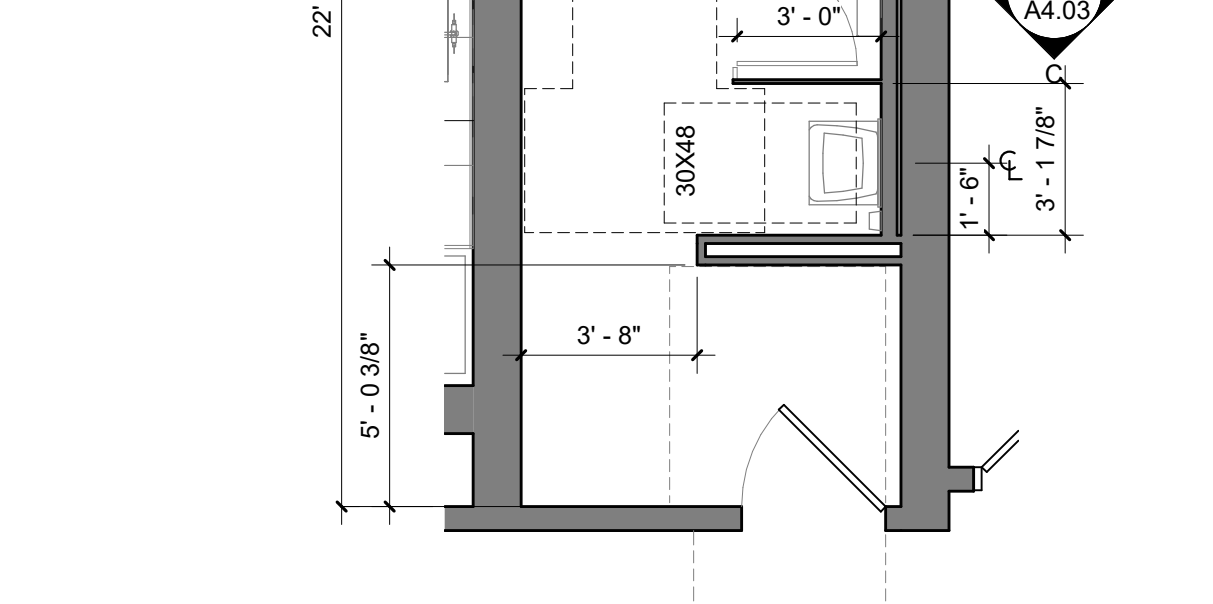
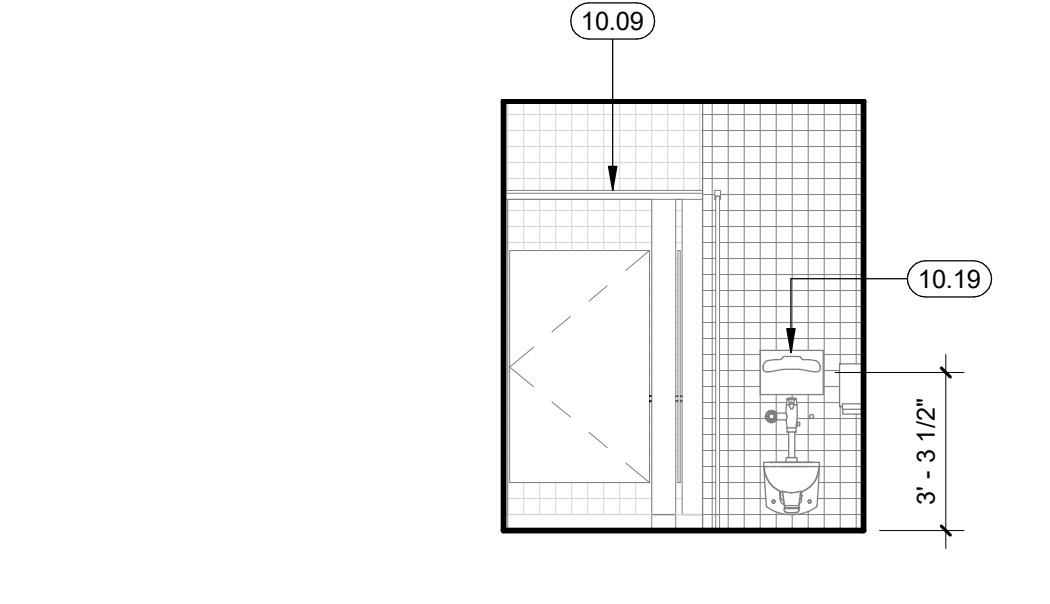
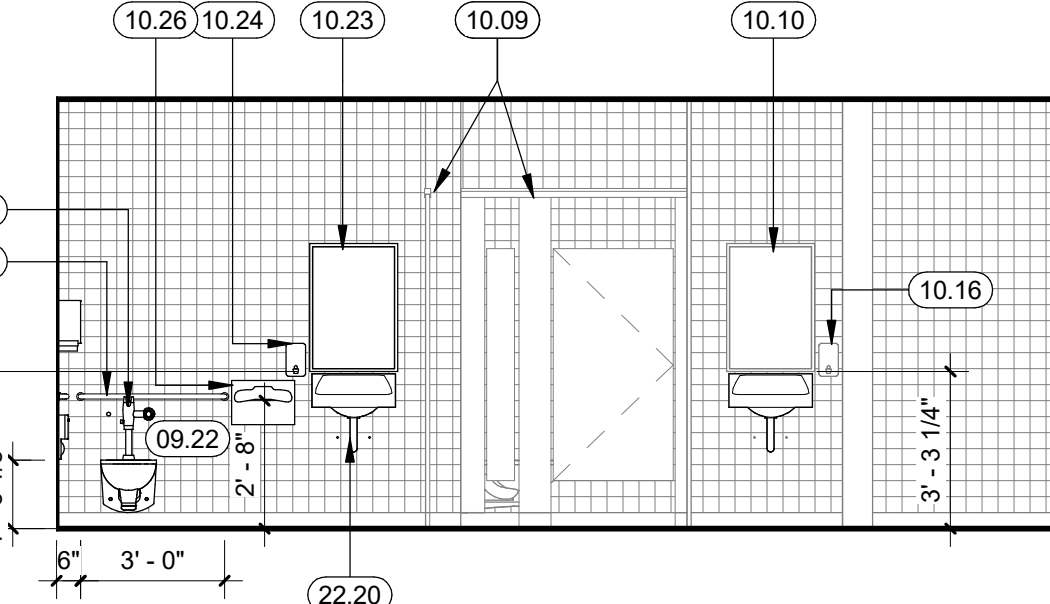
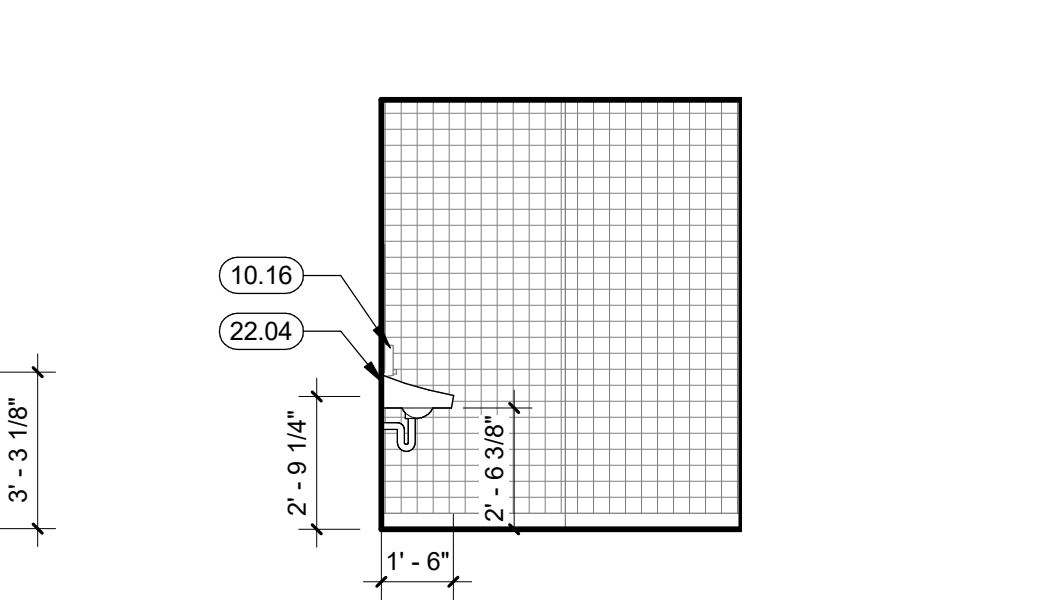
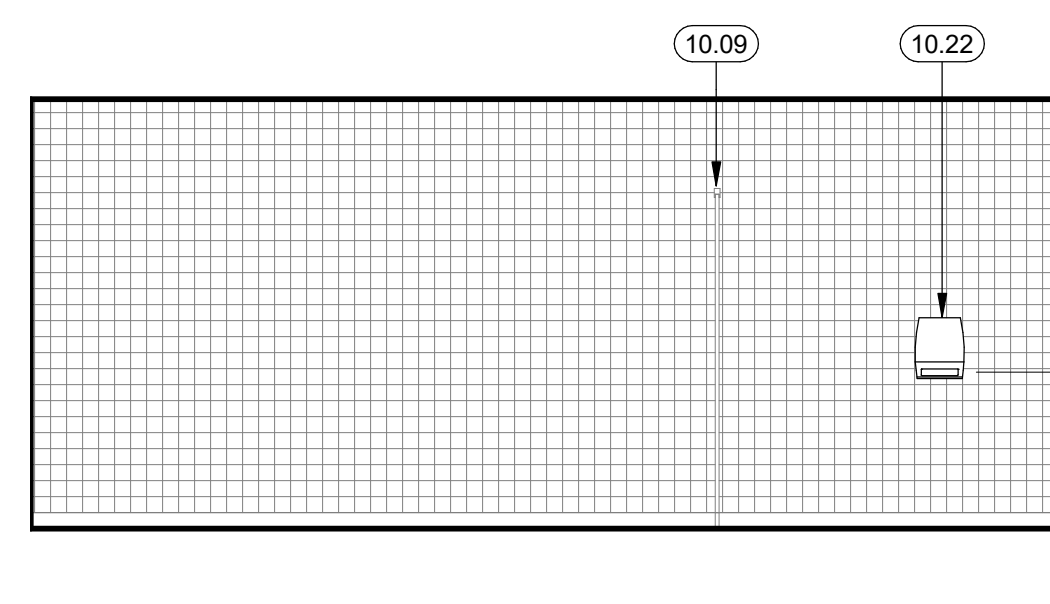
28 GIRL'S RESTROOM VIEW D
1/4" = 1'-0"

23 GIRL'S RESTROOM VIEW C
1/4" = 1'-0"

17 GIRL'S RESTROOM - VIEW G
1/4" = 1'-0"

12 GIRL'S RESTROOM - VIEW E
1/4" = 1'-0"

8 GIRL'S RESTROOM ENLARGED PLAN
1/4" = 1'-0"



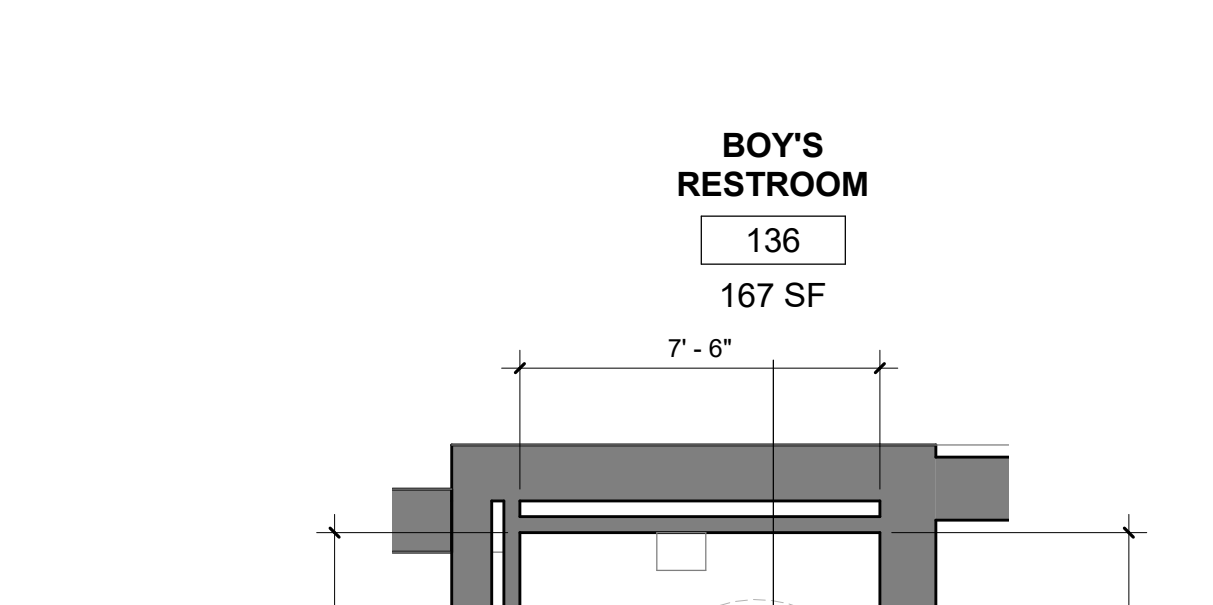
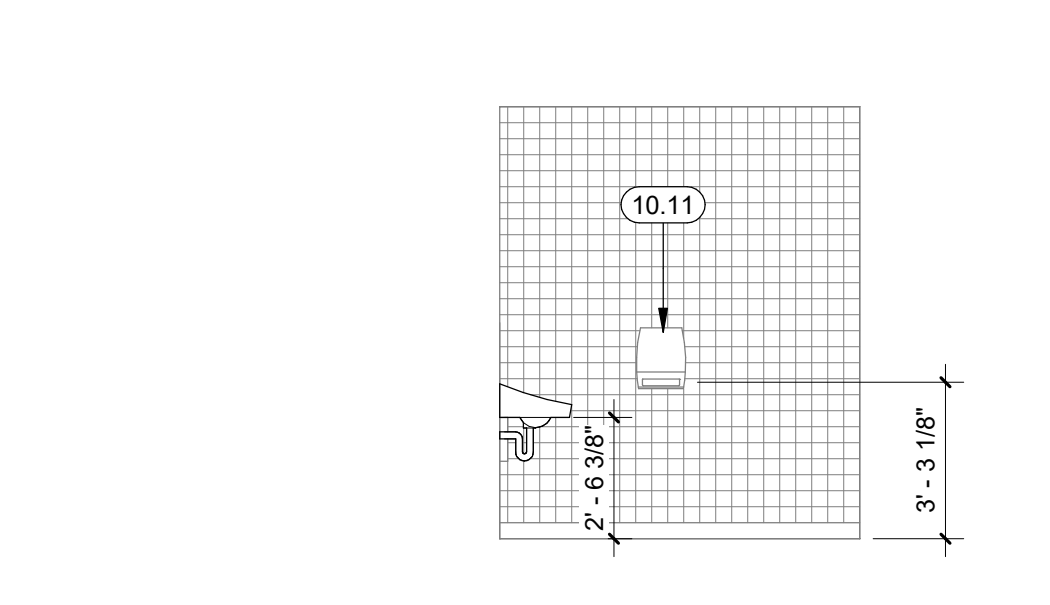
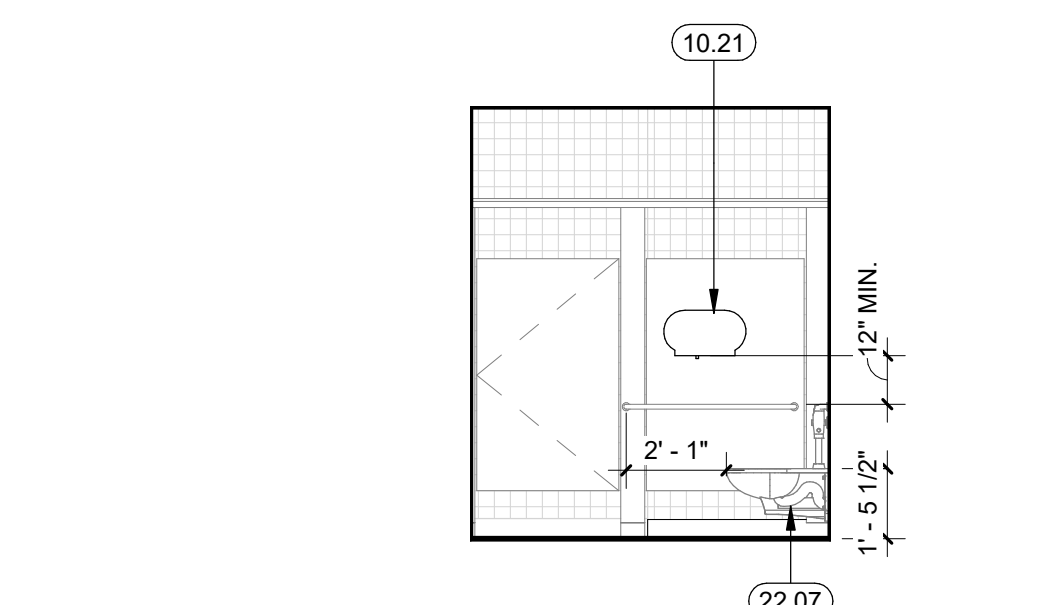
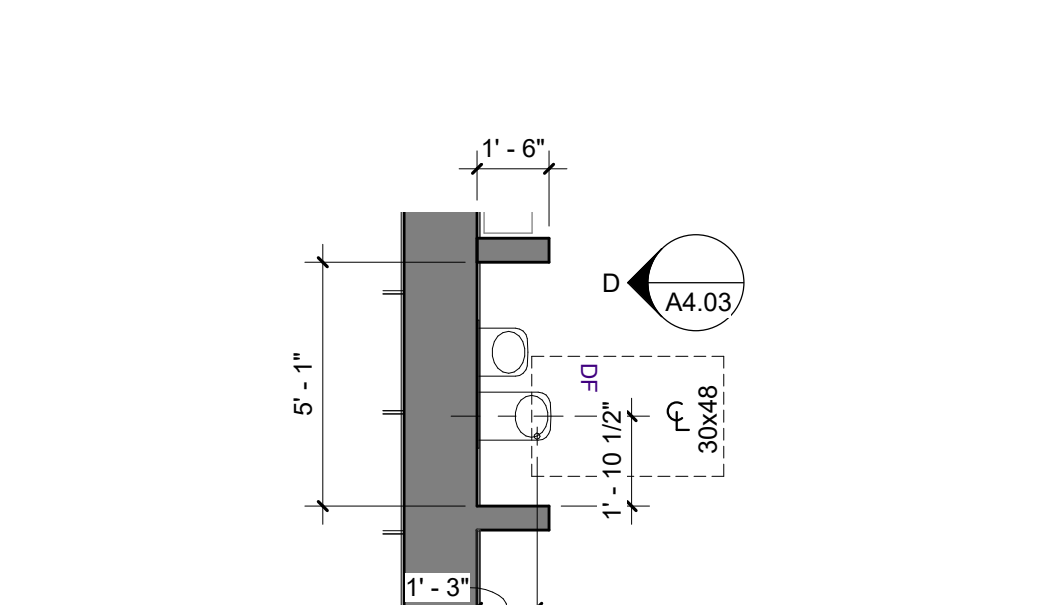
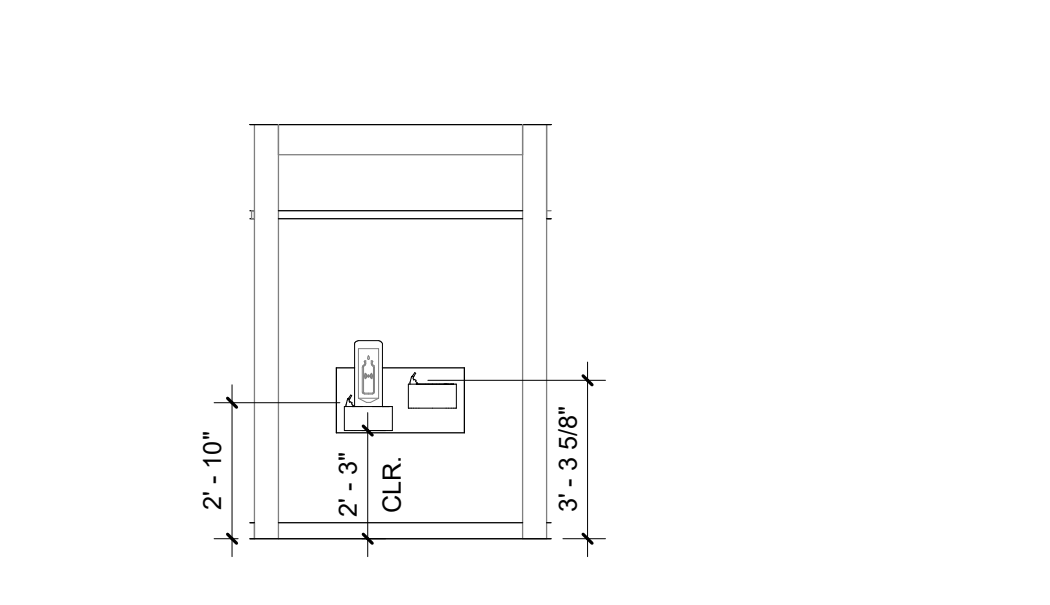
29 (E) DRINKING FOUNTAIN ELEVATION
1/4" = 1'-0"

24 (E) DRINKING FOUNTAIN PLAN
1/4" = 1'-0"

19 BOY'S RESTROOM - VIEW G
1/4" = 1'-0"

14 BOY'S RESTROOM - VIEW E
1/4" = 1'-0"

10 BOY'S RESTROOM ENLARGED PLAN
1/4" = 1'-0"



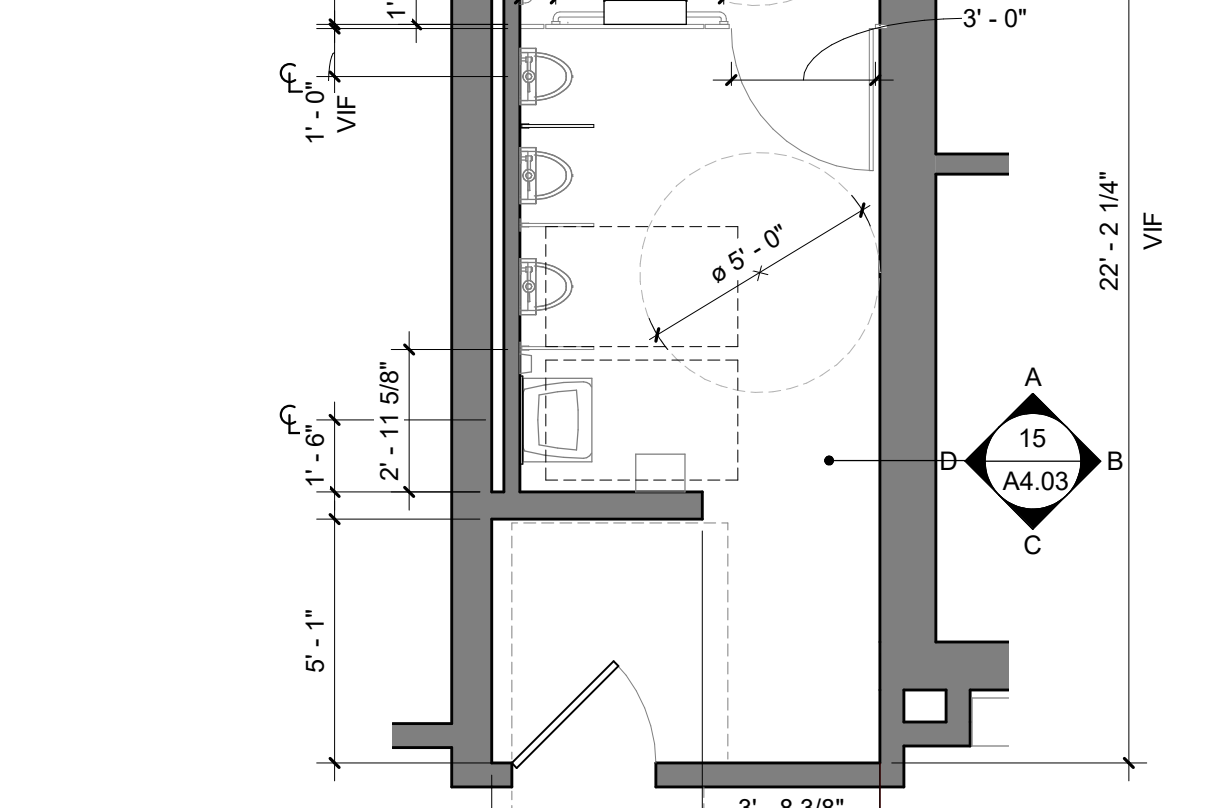
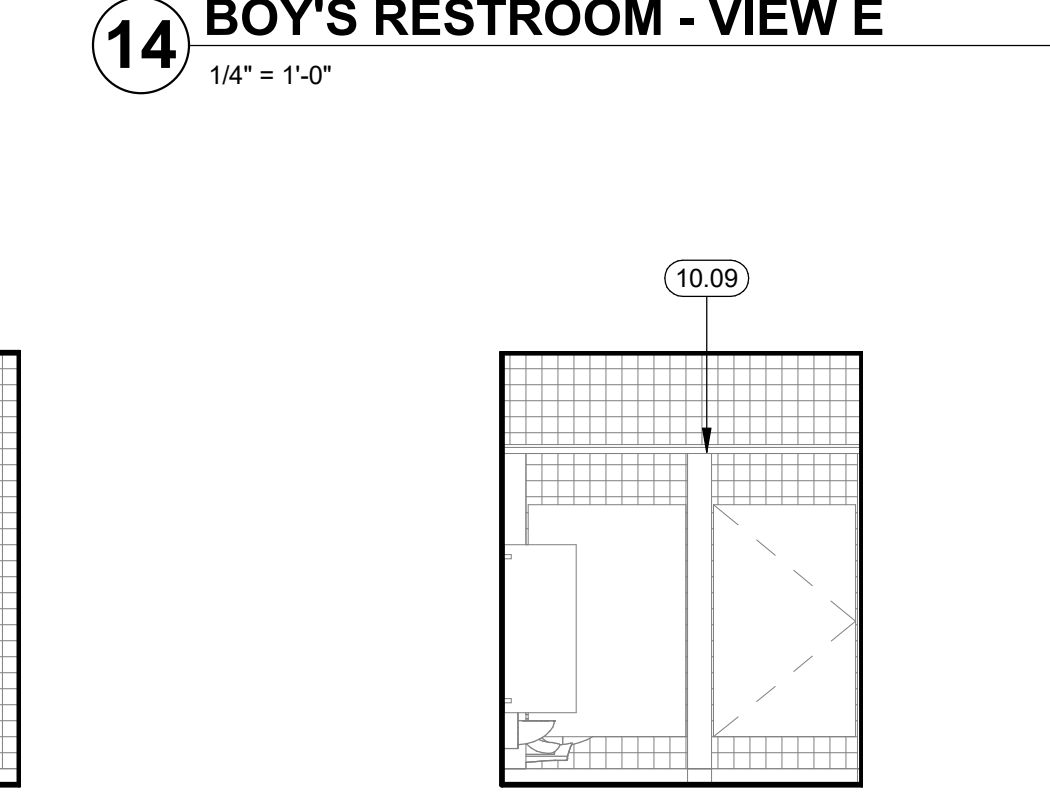
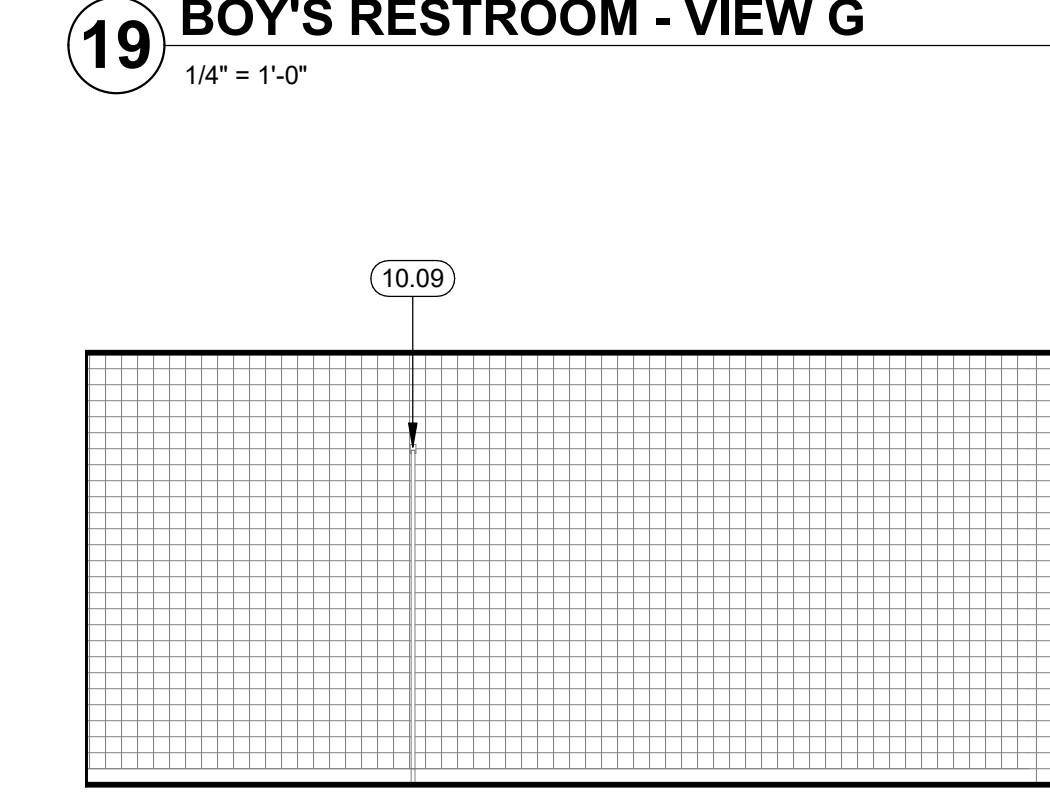
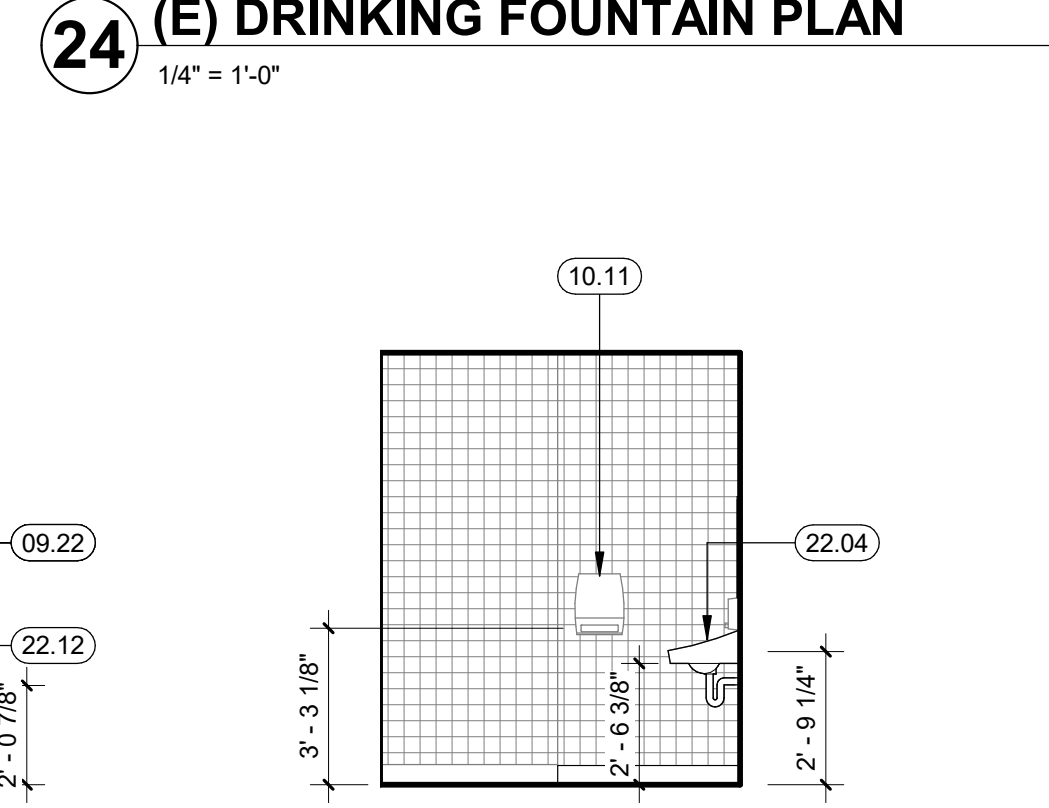
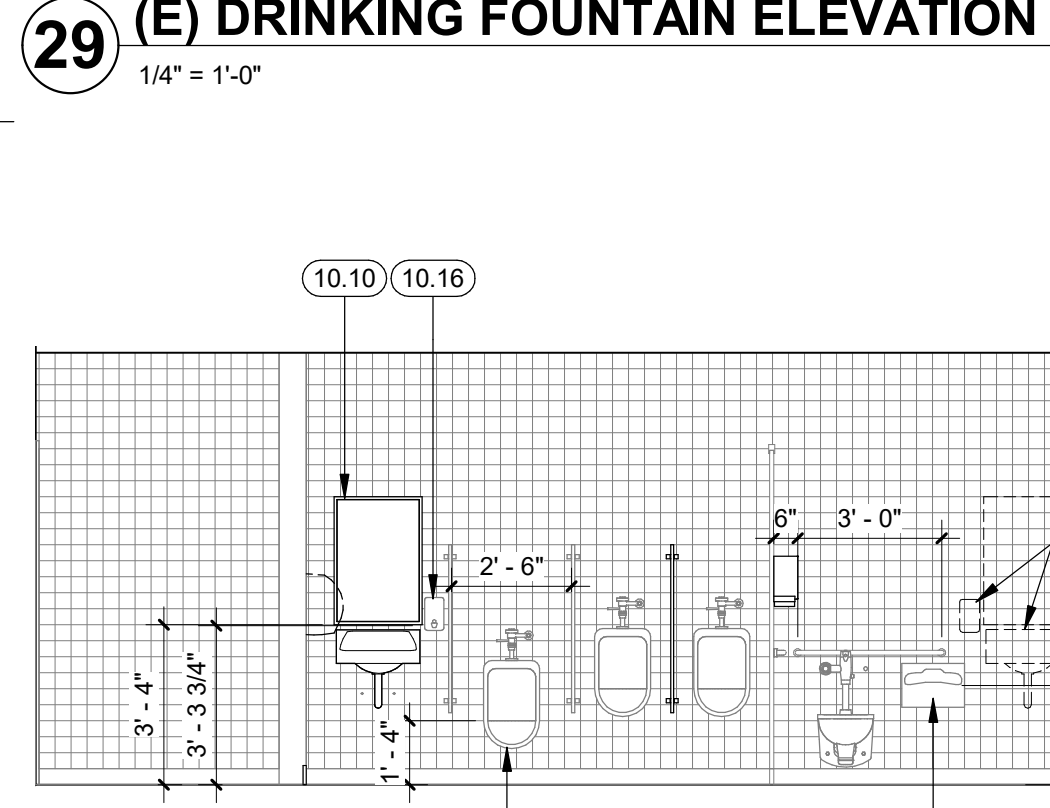
30 BOY'S RESTROOM VIEW D
1/4" = 1'-0"

25 BOY'S RESTROOM VIEW C
1/4" = 1'-0"

20 BOY'S RESTROOM VIEW B
1/4" = 1'-0"

15 BOY'S RESTROOM VIEW A
1/4" = 1'-0"

10 BOY'S RESTROOM ENLARGED PLAN
1/4" = 1'-0"



30 BOY'S RESTROOM VIEW D
1/4" = 1'-0"

25 BOY'S RESTROOM VIEW C
1/4" = 1'-0"

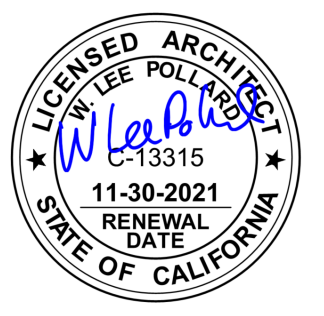
20 BOY'S RESTROOM VIEW B
1/4" = 1'-0"

15 BOY'S RESTROOM VIEW A
1/4" = 1'-0"

10 BOY'S RESTROOM ENLARGED PLAN
1/4" = 1'-0"

LEGEND

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Architect/Engineer Of Record:



HY HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
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HY Architects Project number: 5651
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

Sheet Title: ENLARGED FLOOR PLANS

Client Project Number: _____ Client Proj. # _____

Scale: 1/4" = 1'-0"
Drawn By: Author
Checked By: Checker
Issue Date: 7/16/21
Revit Version: 2019

Sheet: **A4.03**
Sheet 13 of 68

7/16/2021 11:09:47 AM C:\Users\Nmesa\Documents\5651 SRHS_BLDG AD_Remodel_mesa\ETL\A4.03.rvt

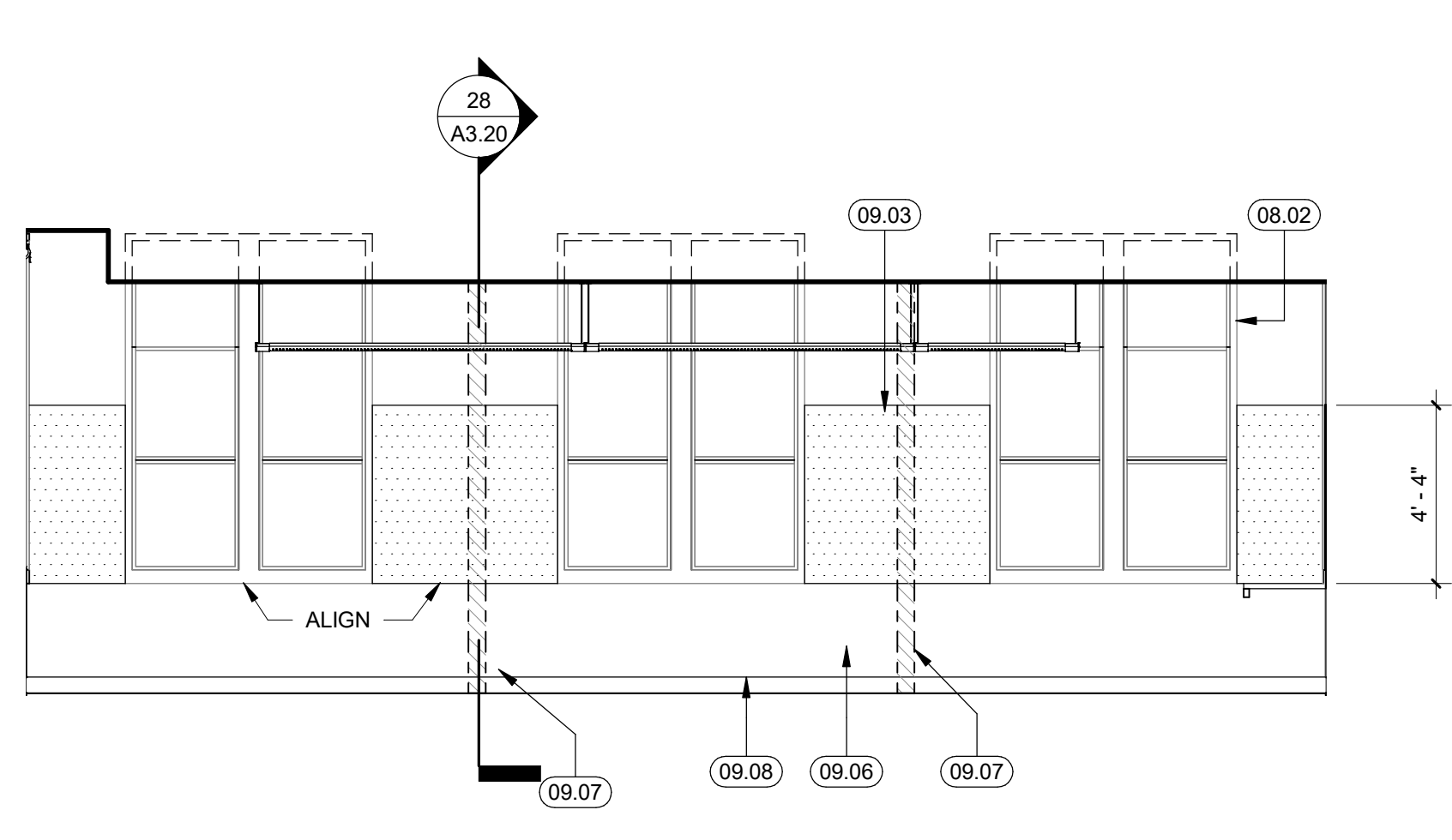
GENERAL NOTES

1. SEE A9.03 FOR FINISH & DOOR SCHEDULE
2. SEE A9.04 FOR SIGNAGE REQUIREMENTS
3. SEE A4.01 FOR MORE INFORMATION

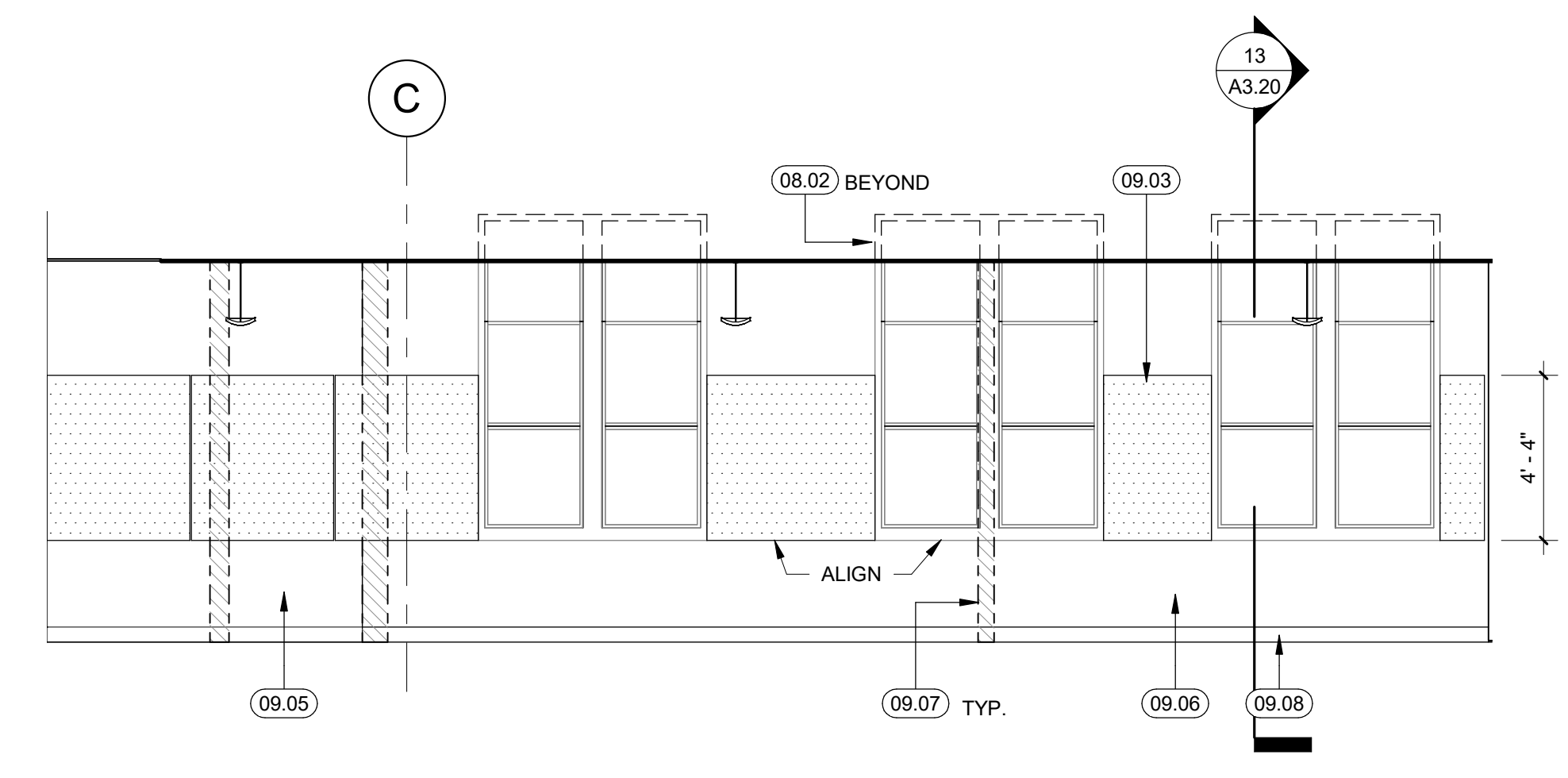
KEYNOTES

- 06.01 (N) FULL HEIGHT PLASTIC LAMINATE CABINET, 14/A9.03
- 06.02 P.LAM COUNTER AND BASE CABINETS, 15/A9.03
- 06.03 UPPER CABINET, 12/A9.03
- 06.09 (N) P.LAM COUNTERTOP, SEE DETAIL 26/A9.03
- 08.02 (E) WINDOW UNIT, PATCH, REPAIR & PAINT DAMAGED OR SCUFFED WINDOWS AND TRIM
- 08.06 (E) DOOR & FRAME, PAINT SCUFFED OR DAMAGED DOOR TO MATCH (E), SEE DOOR SCHEDULE
- 08.11 REUSE (E) OPENING IN (E) CONCRETE WALL FROM 2004 RENOVATION, PROVIDE (N) GLAZED DOOR IN (N) DOOR FRAME
- 09.03 TACKABLE WALL COVERING, SEE FINISH SCHEDULE
- 09.05 GYPSUM BOARD PAINTED, SEE FINISH SCHEDULE
- 09.06 (E) GYPSUM BOARD, PATCH, REPAIR & PAINT TO MATCH (E) AS NEEDED
- 09.07 PATCH, REPAIR AND PAINT GYPSUM BOARD AT DEMOLISHED AREAS
- 09.08 (N) 4" RUBBER BASE
- 10.03 FOLDING PARTITION, SEE DETAIL 10/A3.30, SEE SPECS
- 10.05 SURFACE MOUNTED LED TV, SEE DETAIL 2/A9.03
- 10.06 SEMI-RECESSED FIRE EXTINGUISHER - SEE DETAIL 27/A9.03 SIM.
- 10.12 TEACHING WALL CASEWORK W/HORIZONTAL SLIDING MARKERBOARD UNIT, SEE DETAIL 10/A9.03
- 10.17 HORIZONTAL SLIDING MARKERBOARD UNIT, TYP.
- 26.04 LIGHT FIXTURE, PENDANT LIGHTS WITHOUT ENOUGH CLEARANCE TO SWING 45 DEGREES REQUIRE BRACING. SEE PENDANT LIGHT SWAY BRACING DETAILS IN ELECTRICAL DRAWINGS (DETAILS: 1/E0.05, 3/E0.05 & 4/E0.05)
- 26.06 (N) FLUSHMOUNT ELECTRICAL PANEL, S.E.D.

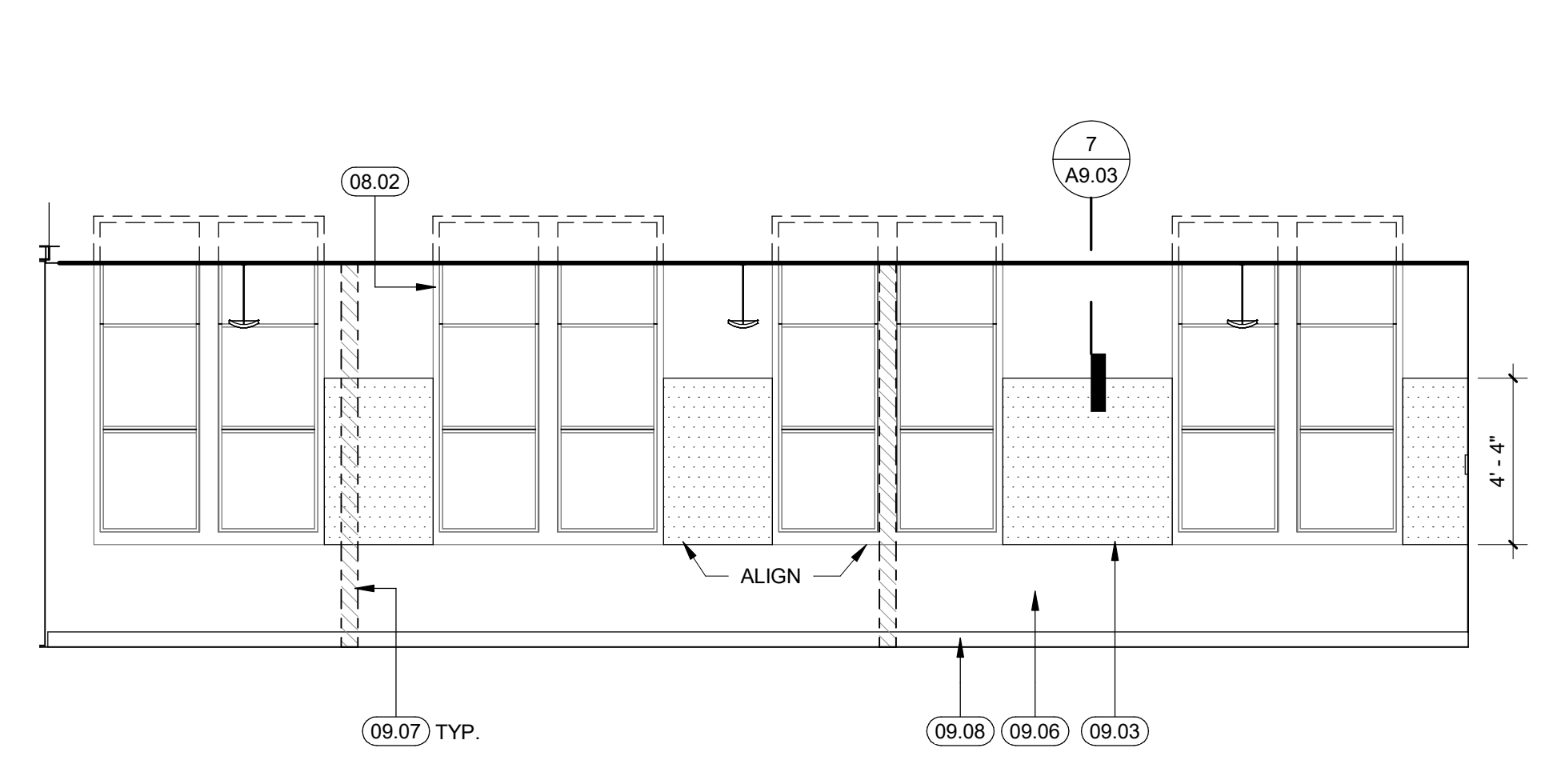
Revisions	Delta	Date	Revisions	By



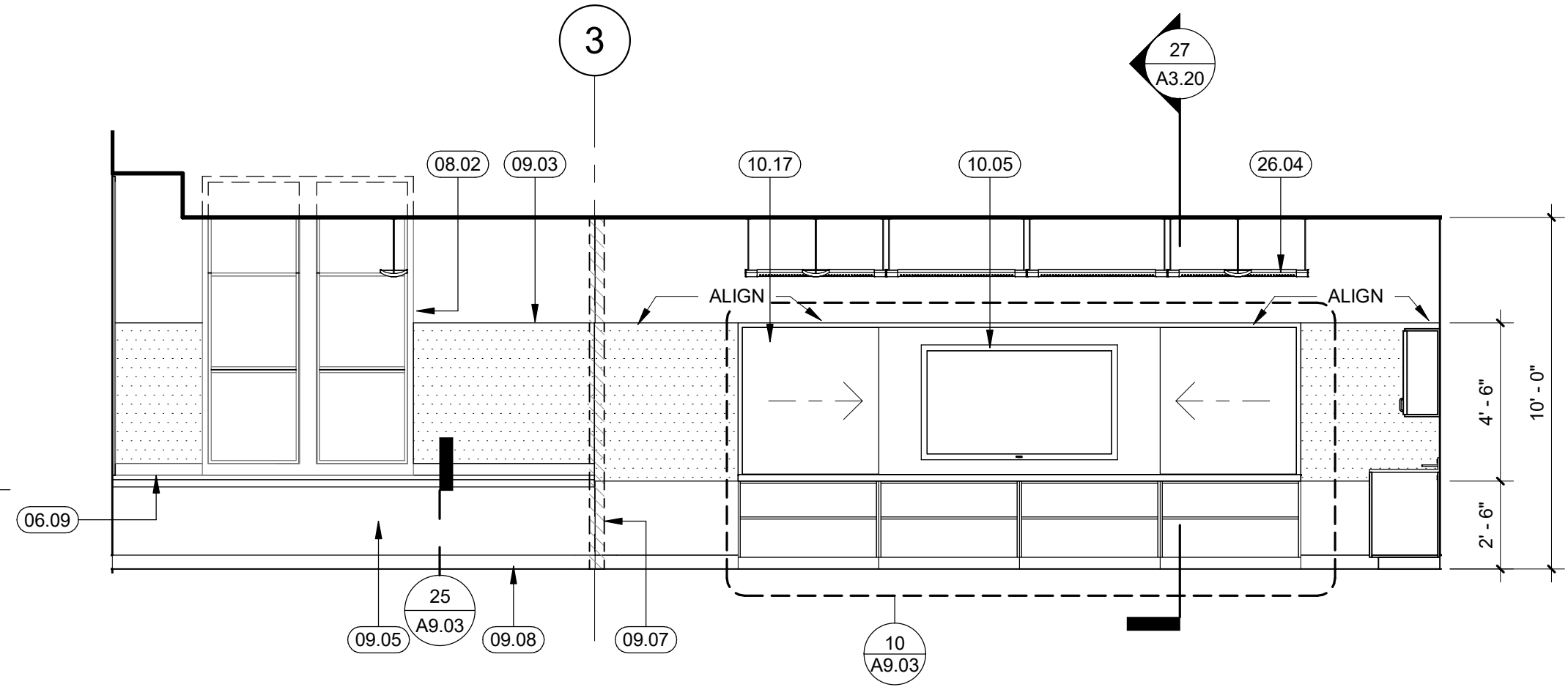
1 CLASSROOM 3 - VIEW D
1/4" = 1'-0"



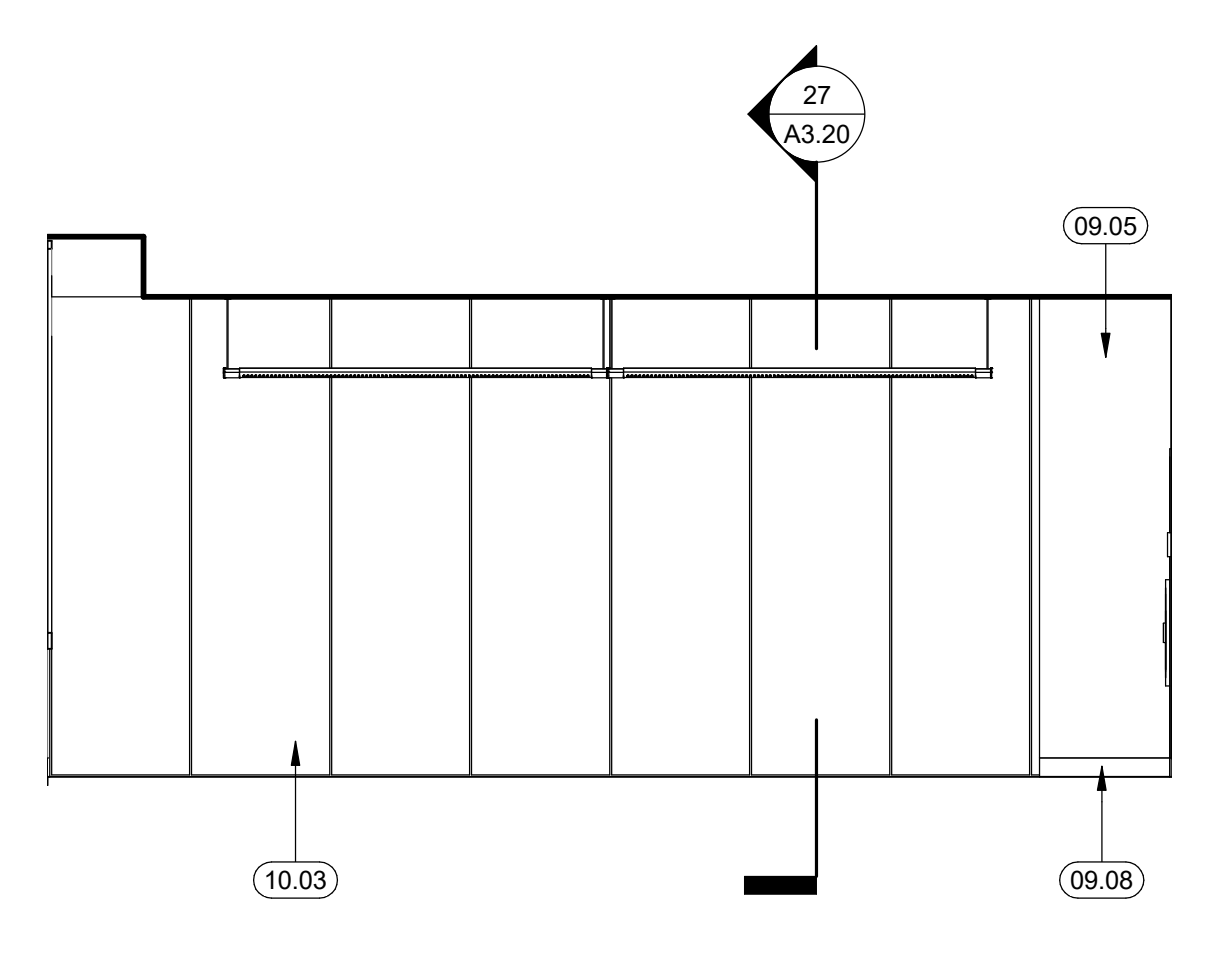
16 CLASSROOM 2 - VIEW D
1/4" = 1'-0"



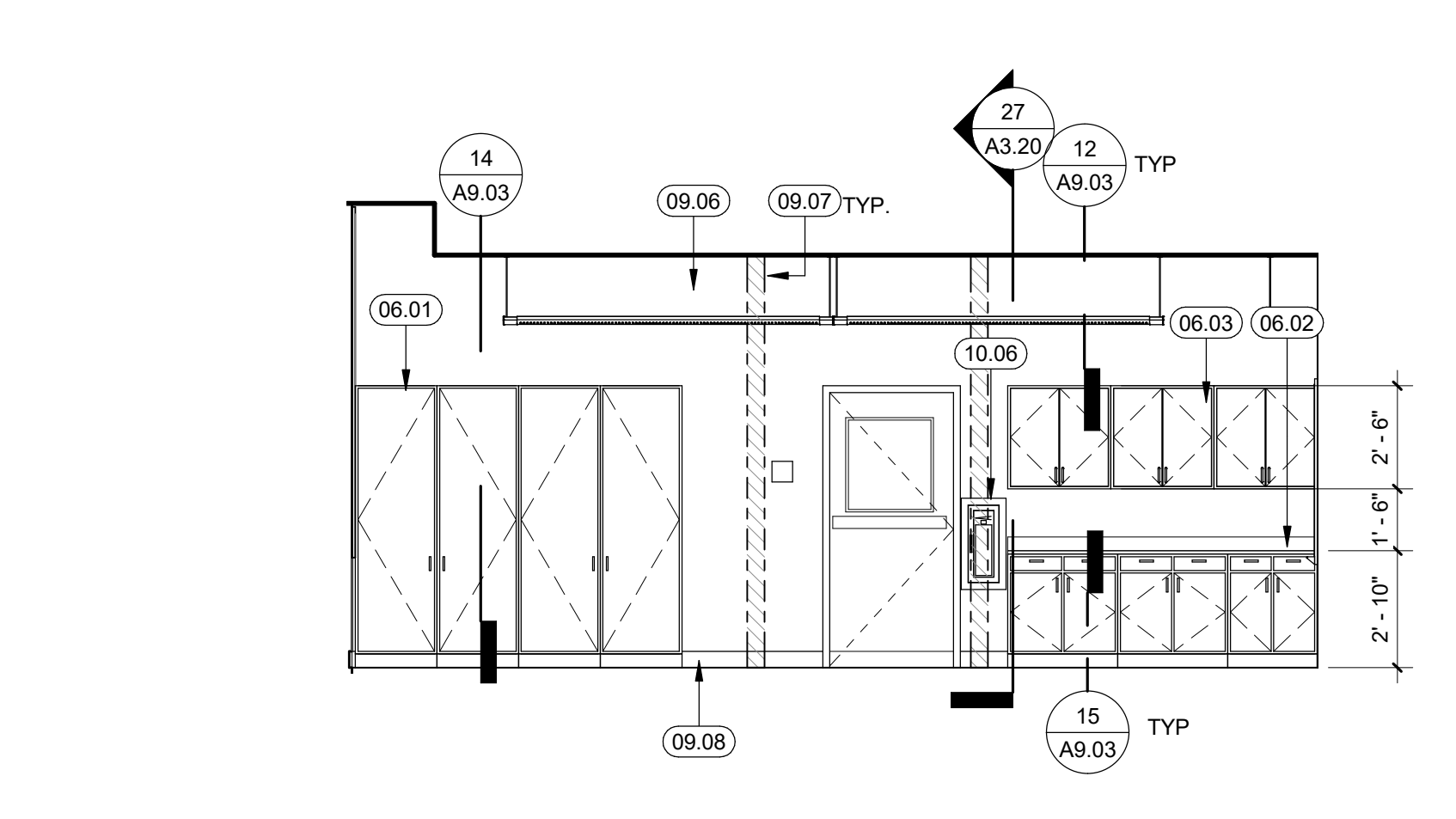
9 CLASSROOM 1 - VIEW D
1/4" = 1'-0"



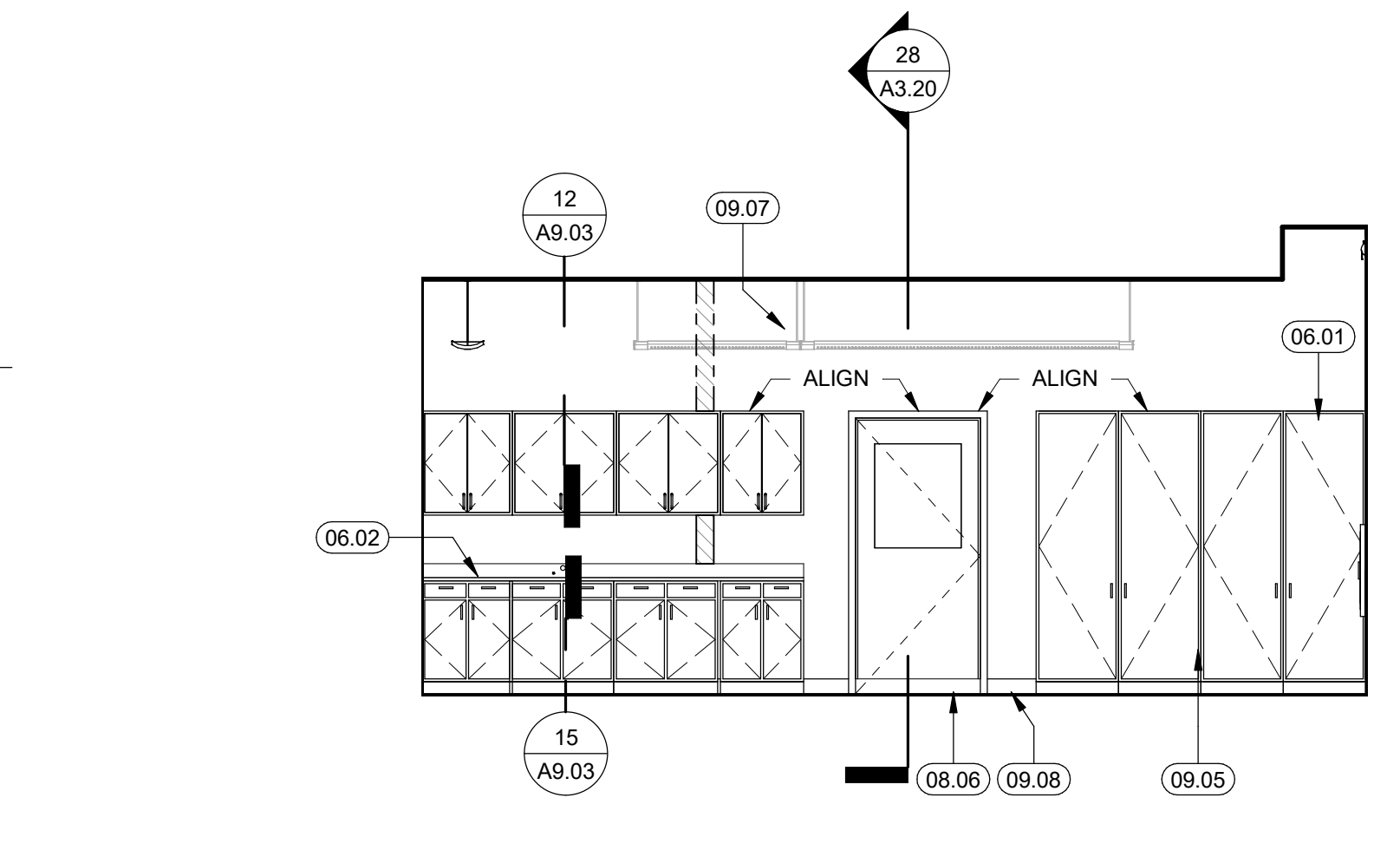
28 CLASSROOM 3 - VIEW A
1/4" = 1'-0"



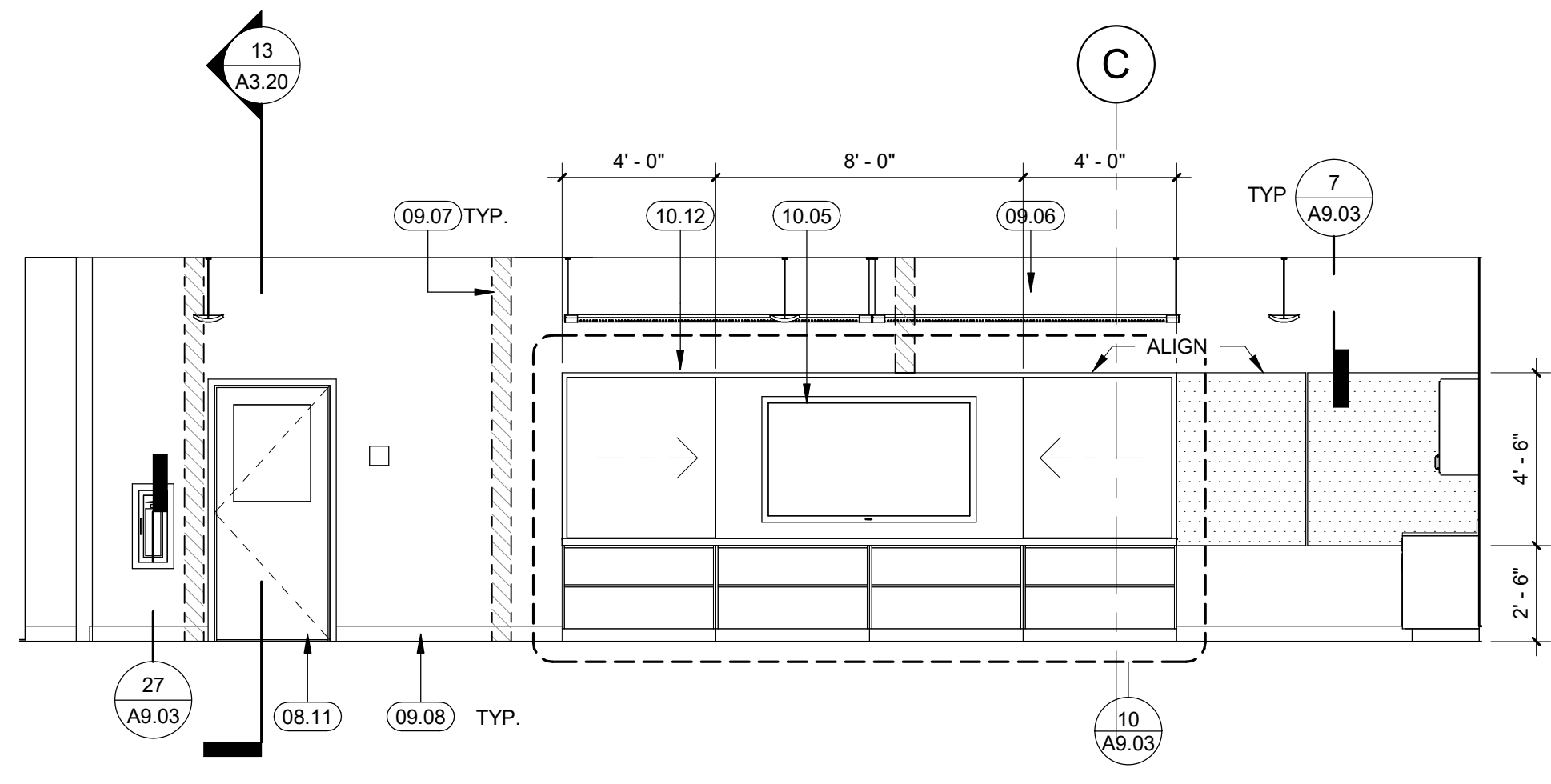
17 CLASSROOM 2 - VIEW A
1/4" = 1'-0"



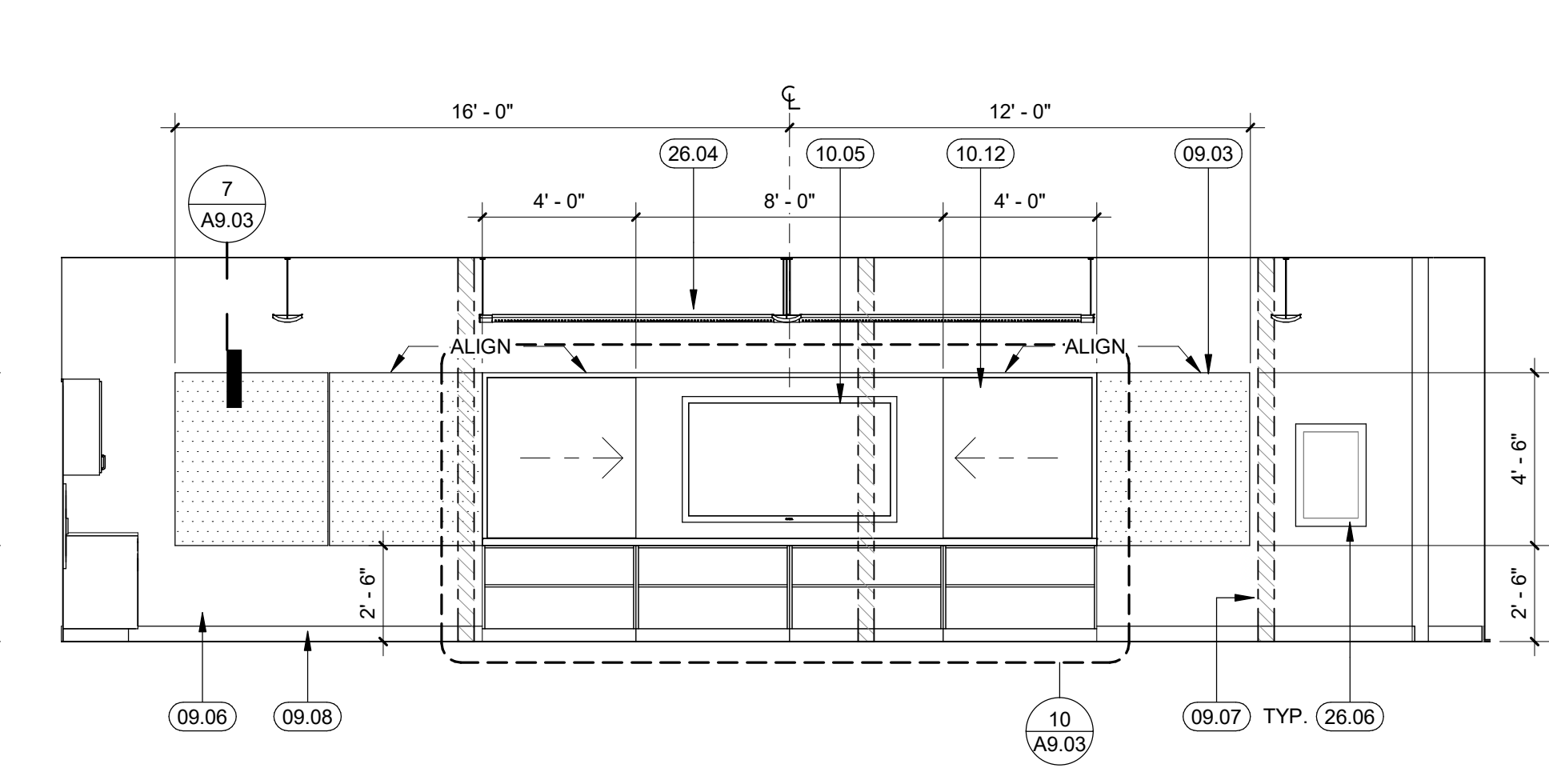
12 CLASSROOM 1 - VIEW A
1/4" = 1'-0"



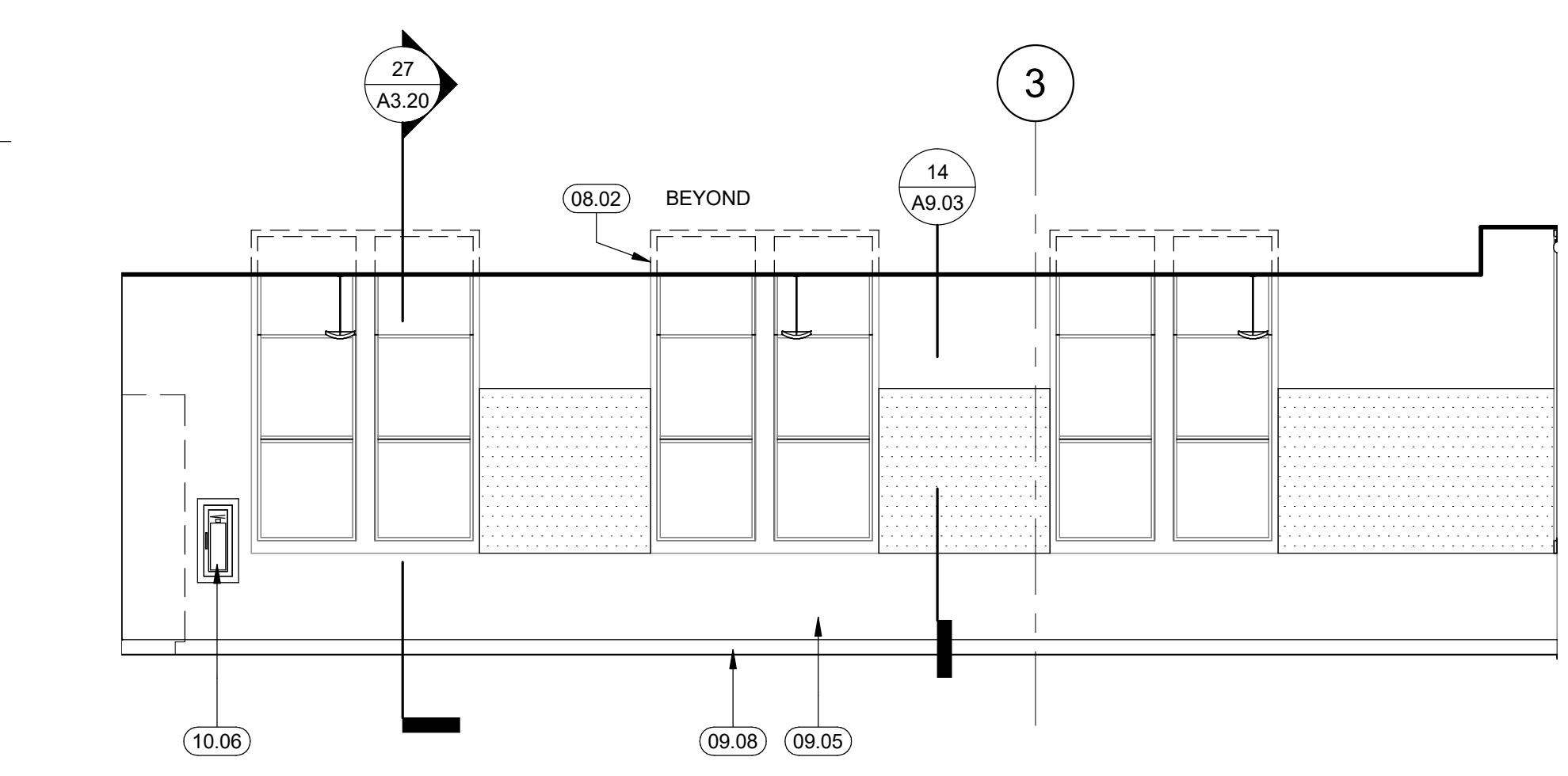
29 CLASSROOM 3 - VIEW B
1/4" = 1'-0"



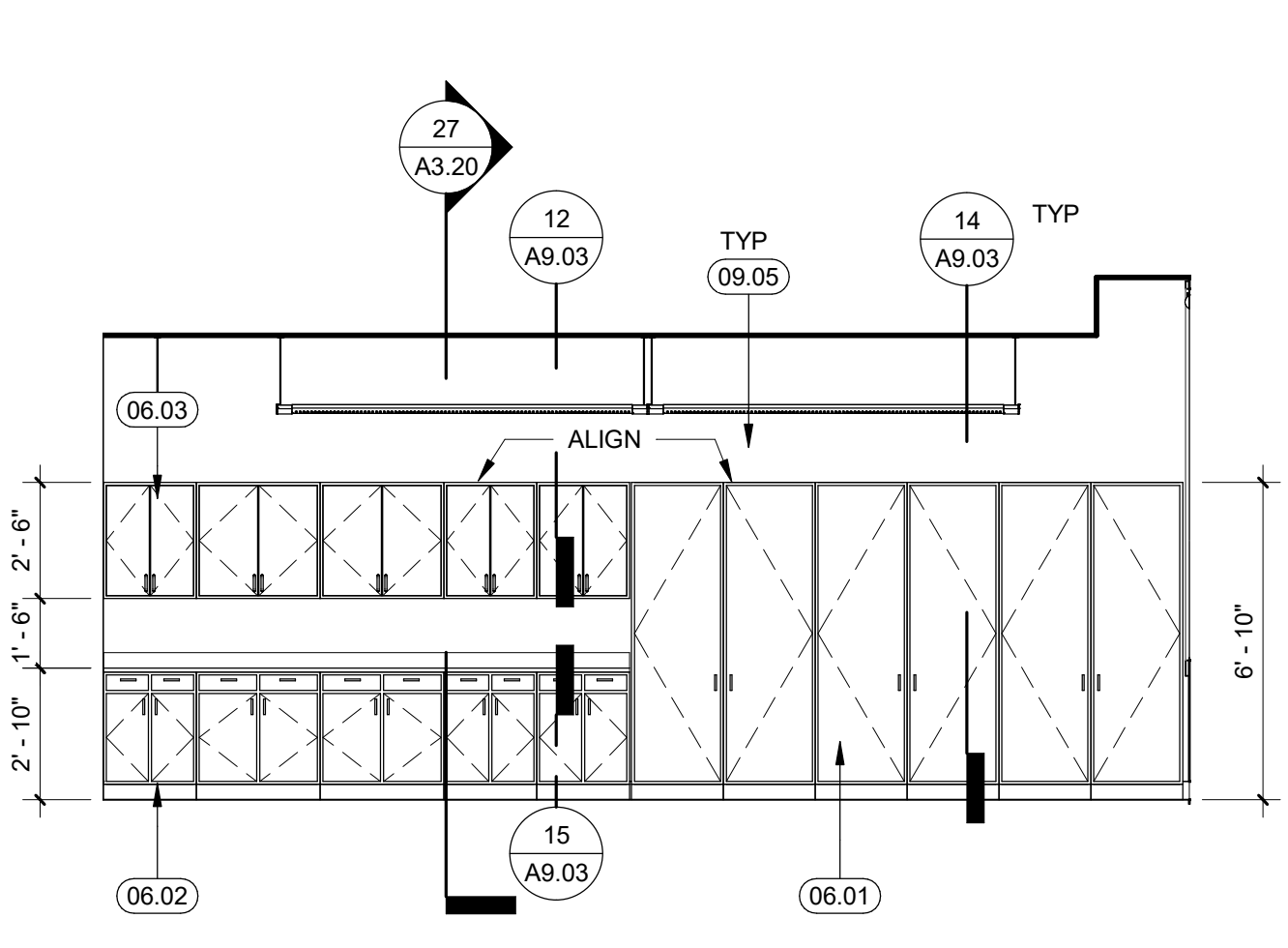
19 CLASSROOM 2 - VIEW B
1/4" = 1'-0"



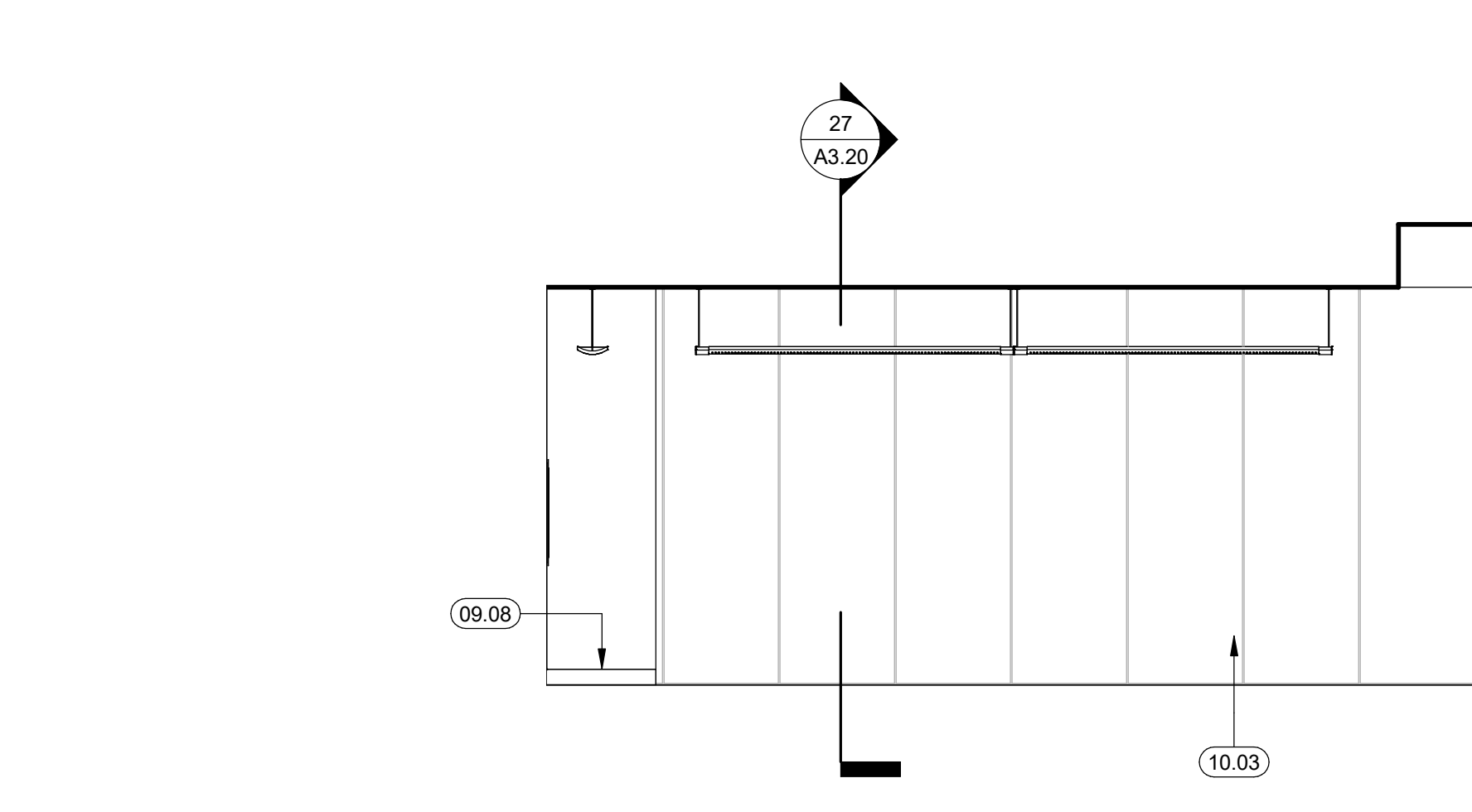
11 CLASSROOM 1 - VIEW B
1/4" = 1'-0"



30 CLASSROOM 3 - VIEW C
1/4" = 1'-0"



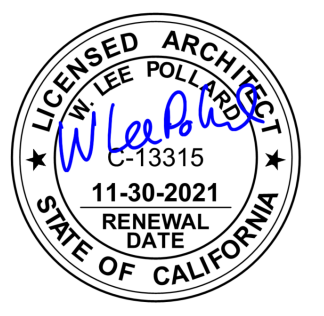
20 CLASSROOM 2 - VIEW C
1/4" = 1'-0"



10 CLASSROOM 1 - VIEW C
1/4" = 1'-0"

LEGEND

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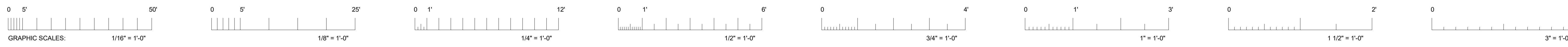
HY HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
Oakland, CA 94612
510.446.2222 tel | 510.446.2211 fax
HY Architects Project number: 5561

Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
INTERIOR ELEVATIONS

Client Project Number: _____ Client Proj. # _____
Scale: 1/4" = 1'-0"
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019
Sheet 14 of 68
A5.01



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 01-119449 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 07/26/2021

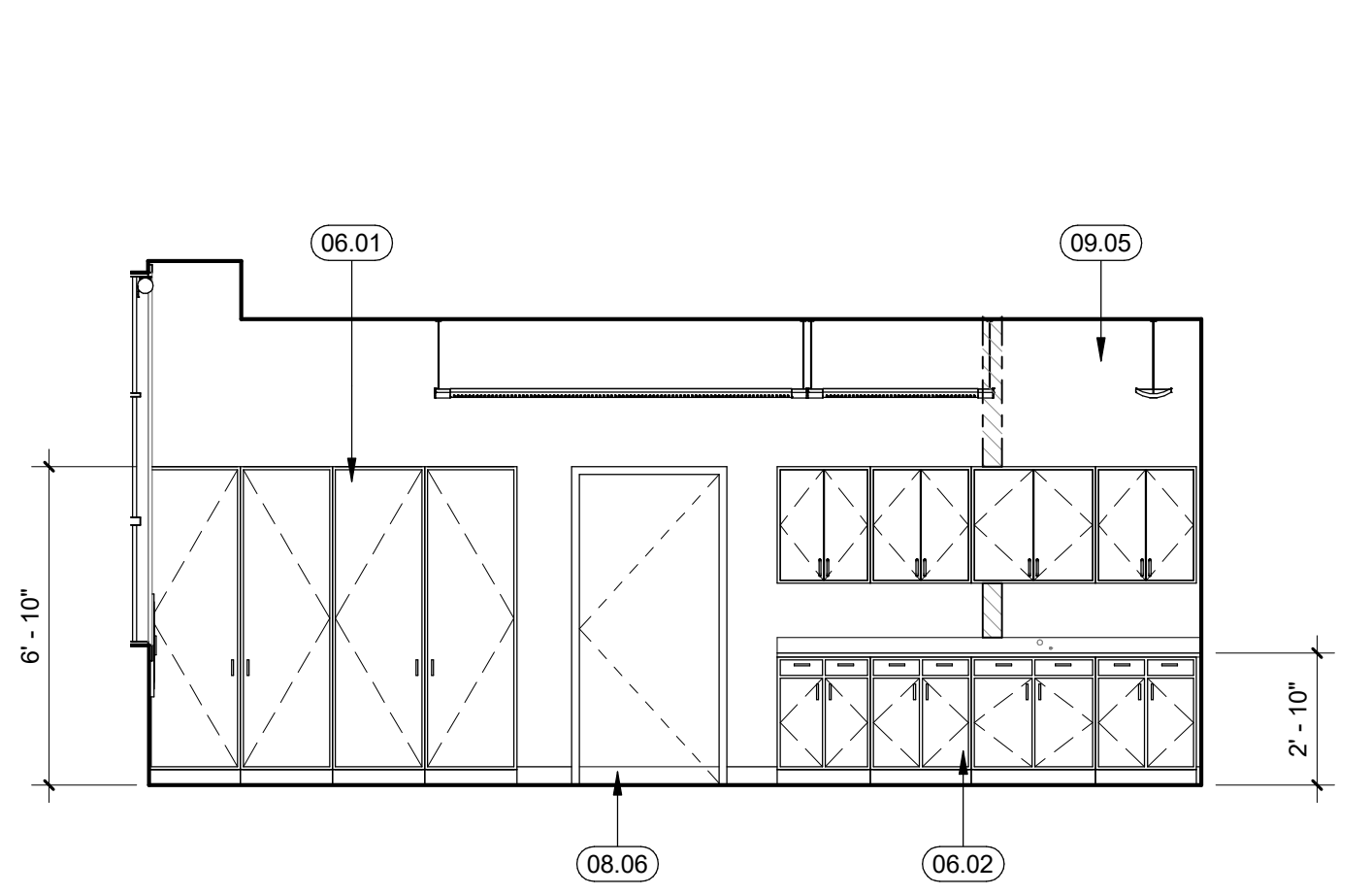


GENERAL NOTES

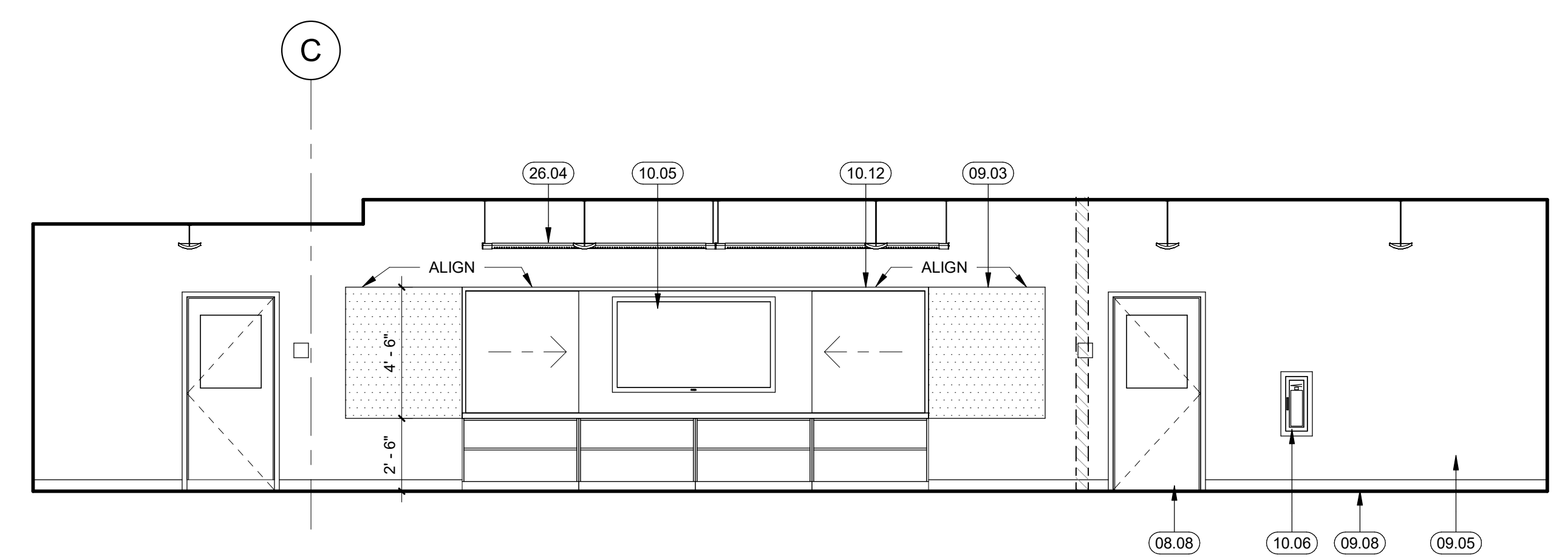
KEYNOTES

- 06.01 (N) FULL HEIGHT PLASTIC LAMINATE CABINET, 14/A9.03
- 06.02 P.LAM COUNTER AND BASE CABINETS, 15/A9.03
- 06.03 UPPER CABINET, 12/A9.03
- 06.05 P.LAM CABINET ENCASING ELECTRICAL PANEL
- 06.09 (N) P.LAM COUNTERTOP, SEE DETAIL 25/A9.03
- 08.02 (E) WINDOW UNIT, PATCH, REPAIR & PAINT DAMAGED OR SCUFFED WINDOWS AND TRIM
- 08.05 SALVAGE (E) DOOR & (E) FRAME FROM DEMO AREA AND RELOCATE HERE, SEE DOOR SCHEDULE
- 08.06 (E) DOOR & FRAME, PAINT SCUFFED OR DAMAGED DOOR TO MATCH (E), SEE DOOR SCHEDULE
- 08.08 (N) GLAZED DOOR IN (N) DOOR FRAME IN (E) CONCRETE WALL, SEE DOOR SCHEDULE
- 09.03 TACKABLE WALL COVERING, SEE FINISH SCHEDULE
- 09.05 GYPSUM BOARD PAINTED, SEE FINISH SCHEDULE
- 09.06 (E) GYPSUM BOARD, PATCH, REPAIR & PAINT TO MATCH (E) AS NEEDED
- 09.07 PATCH, REPAIR AND PAINT GYPSUM BOARD AT DEMOLISHED AREAS
- 09.08 (N) 4" RUBBER BASE
- 10.05 SURFACE MOUNTED LED TV, SEE DETAIL 2/A9.03
- 10.06 SEMI-RECESSED FIRE EXTINGUISHER, SEE DETAIL 27/A9.03 SIM
- 10.07 MARKER BOARD, SEE SPECS, TYP
- 10.12 TEACHING WALL CASEWORK HORIZONTAL SLIDING MARKERBOARD UNIT, SEE DETAIL 10/A9.03
- 26.04 LIGHT FIXTURE, PENDANT LIGHTS WITHOUT ENOUGH CLEARANCE TO SWING 45 DEGREES REQUIRE BRACING, SEE PENDANT LIGHT SWAY BRACING DETAILS IN ELECTRICAL DRAWINGS (DETAILS 1/E0.05, 3/E0.05 & 4/E0.05)
- 26.05 (E) ELECTRICAL PANEL TO REMAIN, S.E.D.

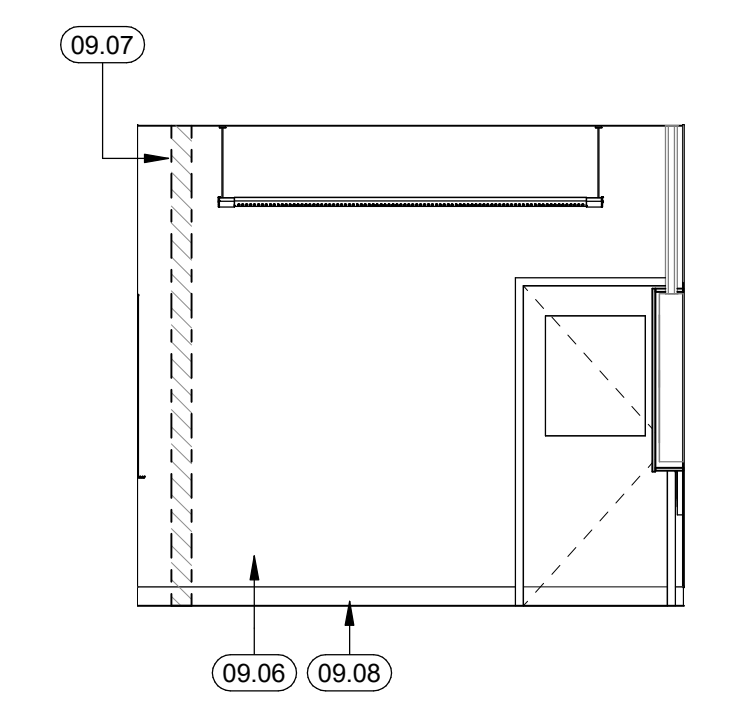
Revisions	Delta	Date	Revisions	By



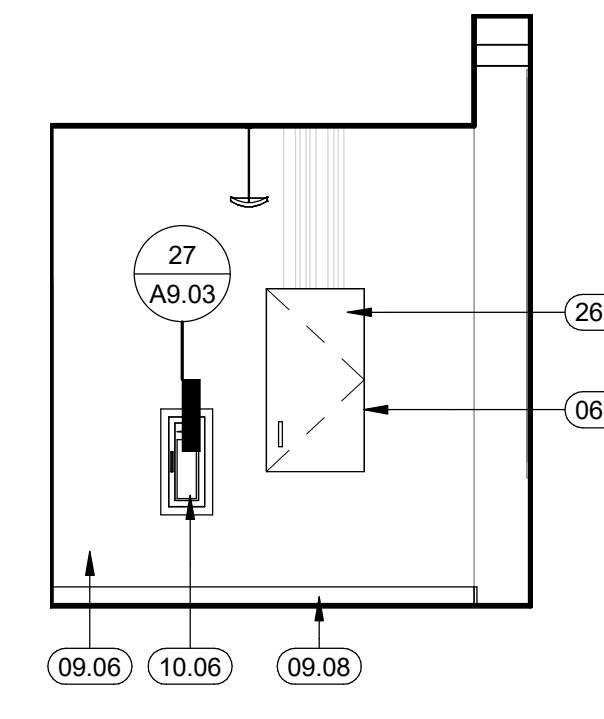
17 CLASS ROOM 5/ FAMILY CENTER - VIEW D
1/4" = 1'-0"



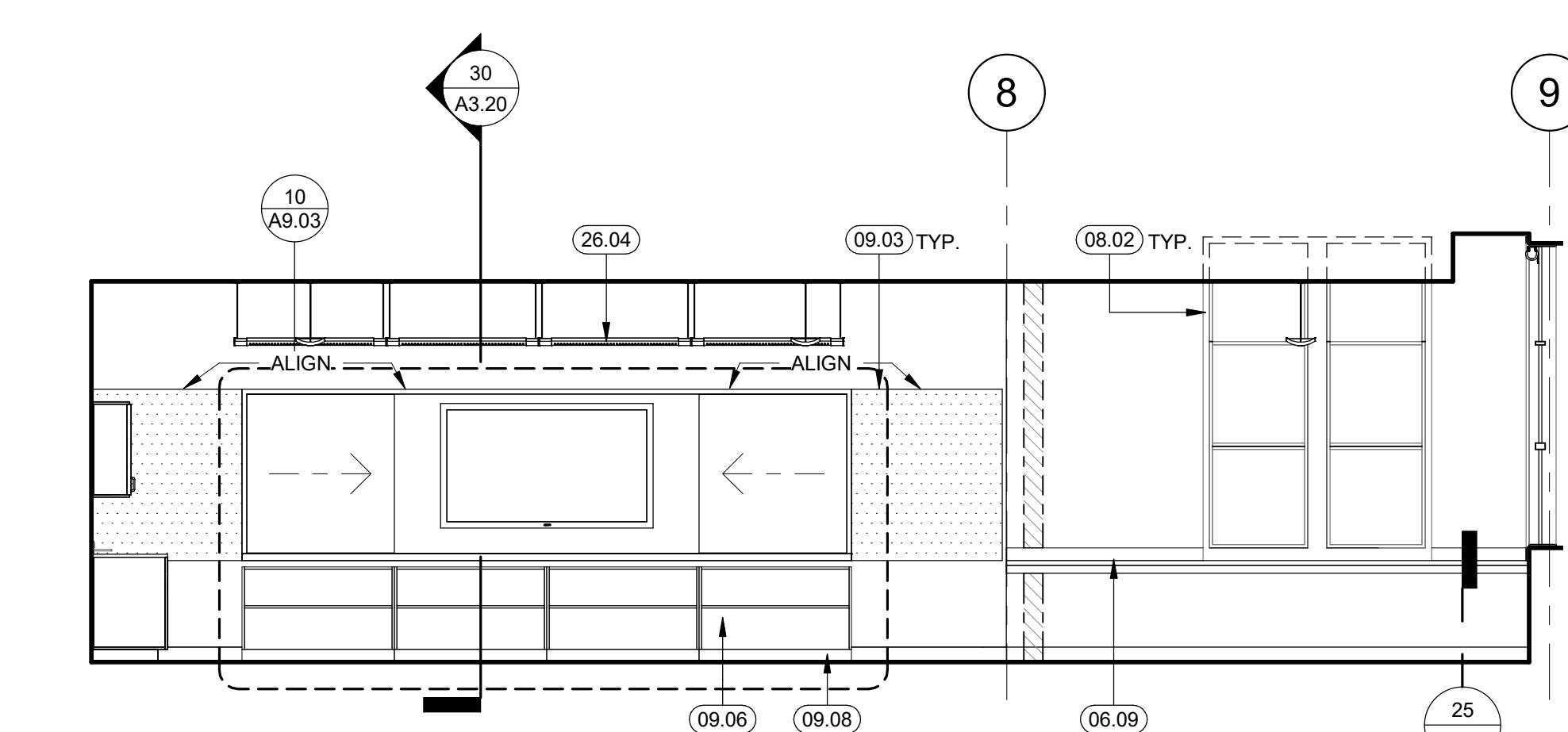
13 CLASS ROOM 4 - VIEW D
1/4" = 1'-0"



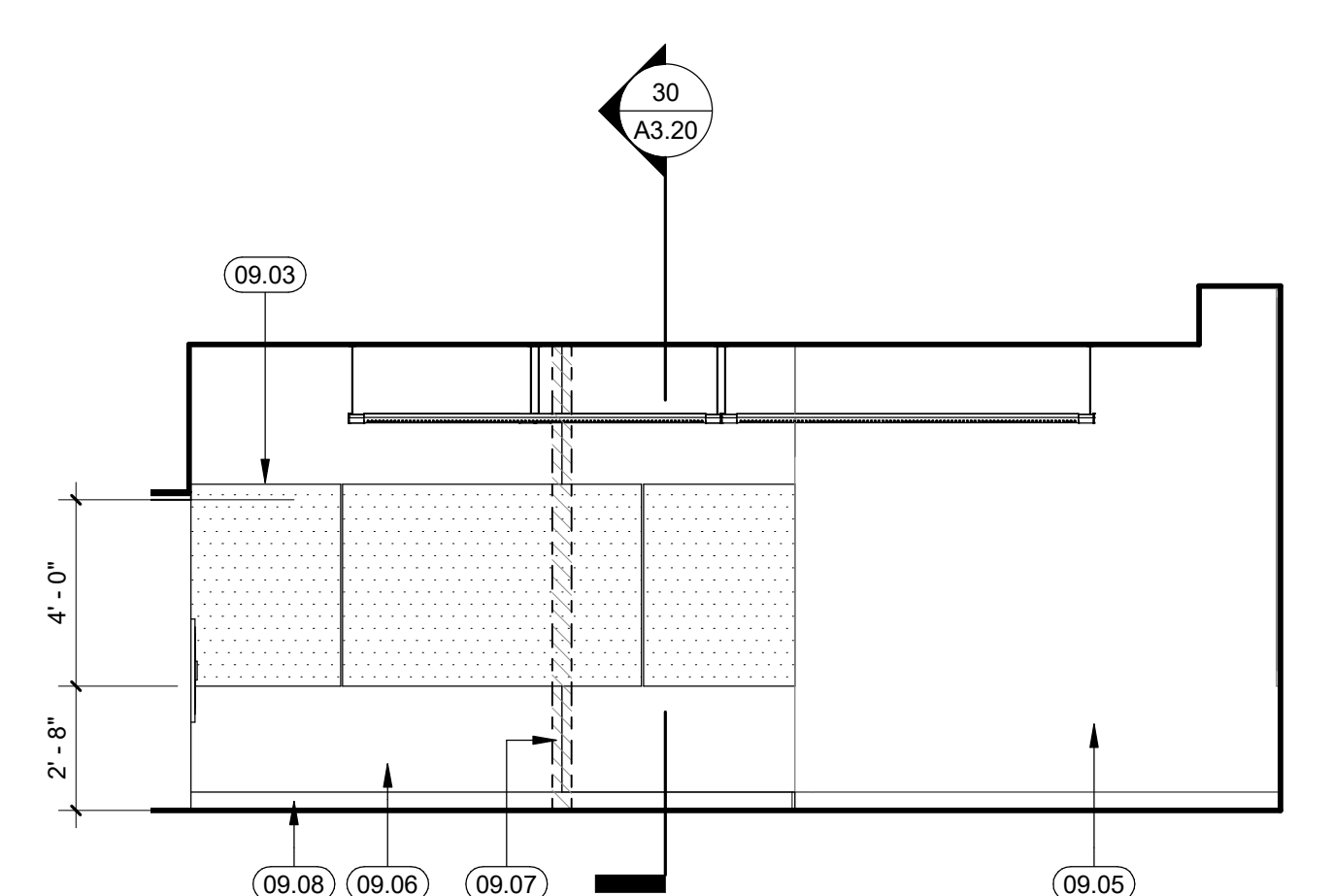
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1/4" = 1'-0"



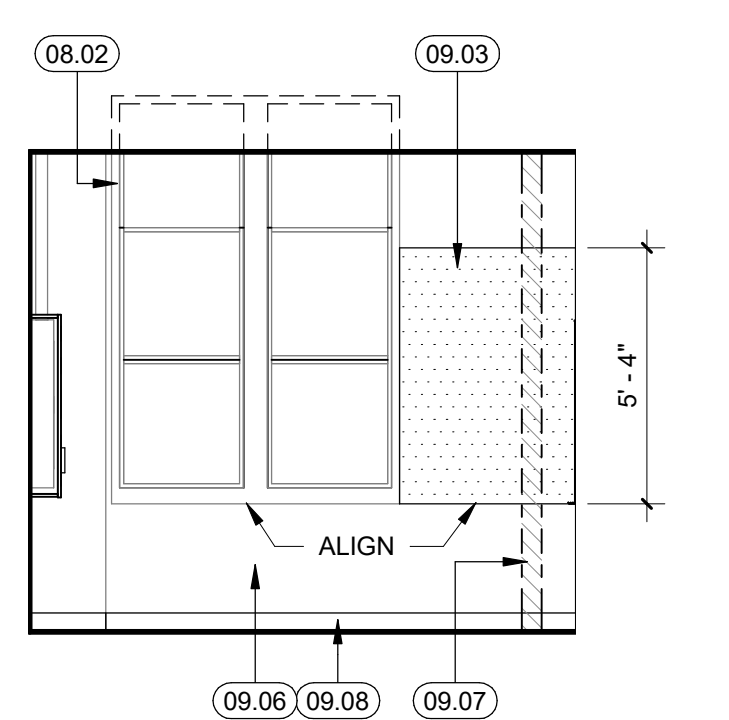
4 BREAKOUT 1 - VIEW A
1/4" = 1'-0"



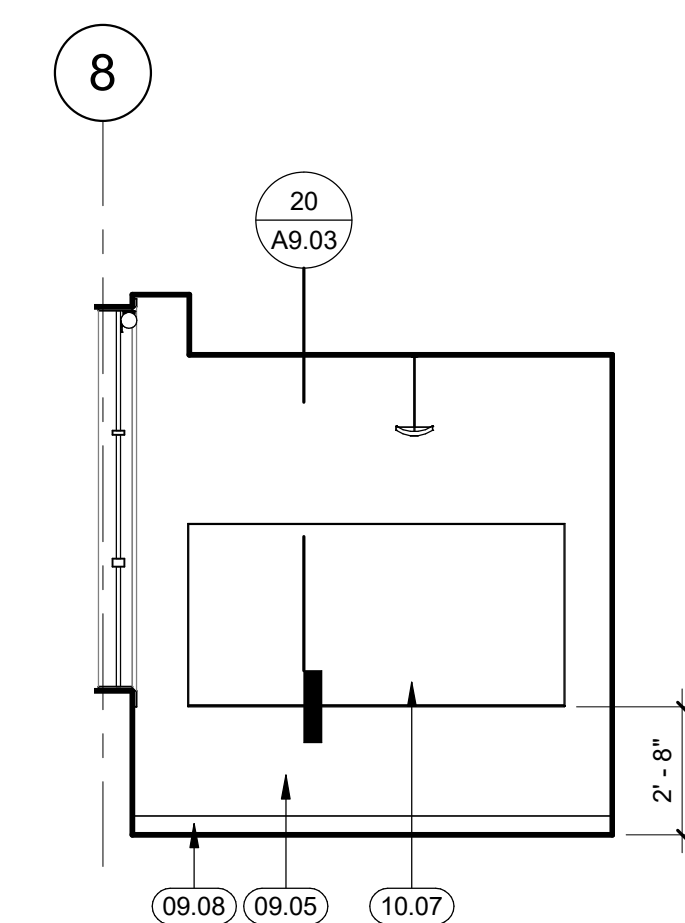
16 CLASS ROOM 5/FAMILY CENTER - VIEW A
1/4" = 1'-0"



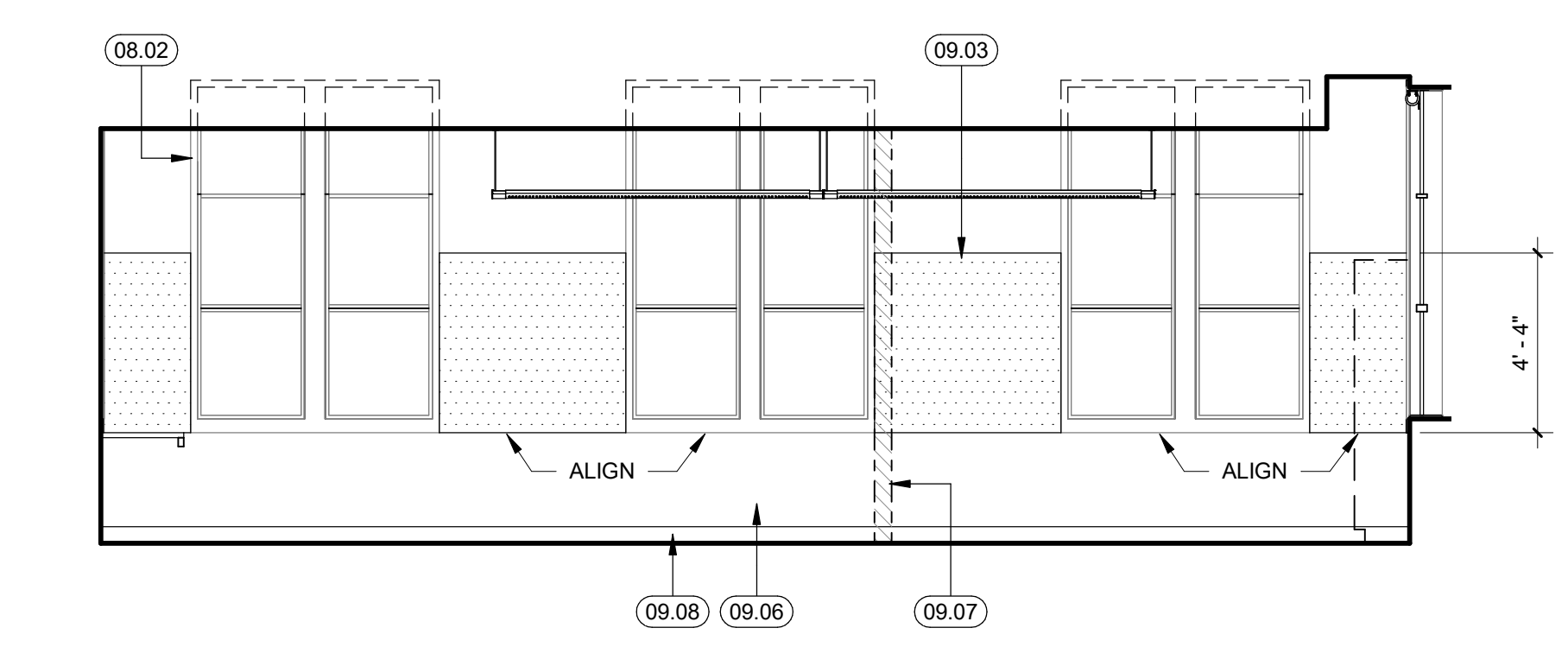
12 CLASS ROOM 4 - VIEW A
1/4" = 1'-0"



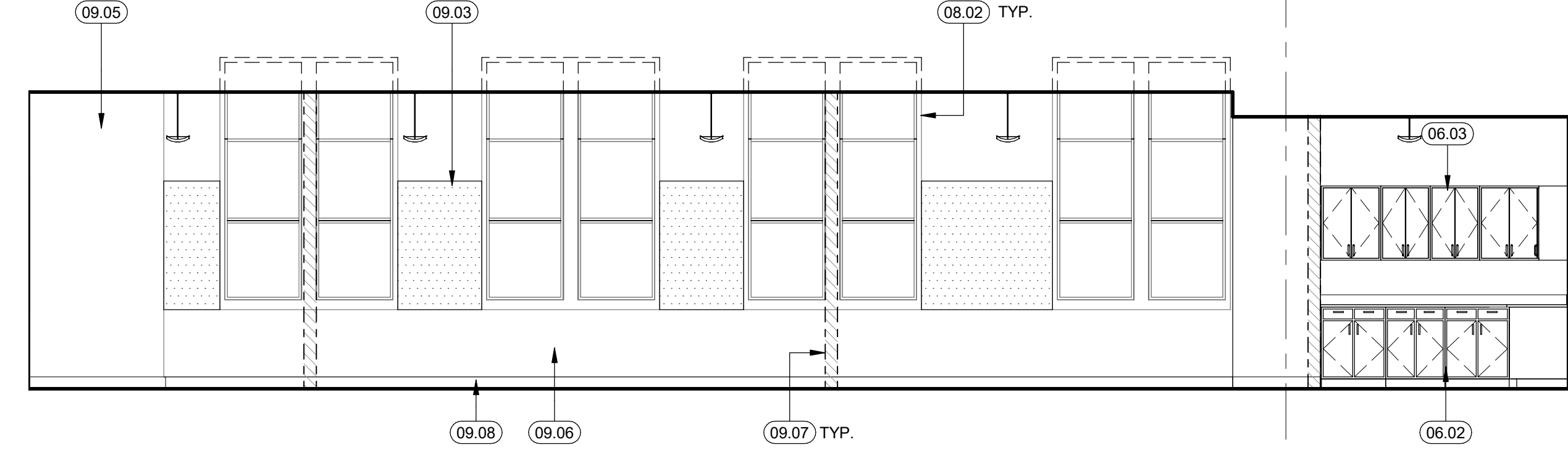
8 BREAKOUT 1 - VIEW B
1/4" = 1'-0"



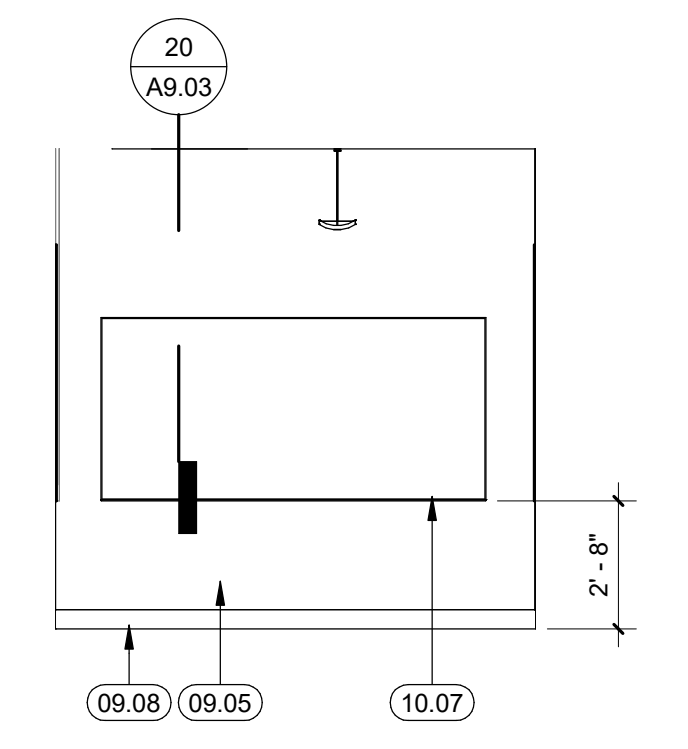
3 BREAKOUT 1 - VIEW C
1/4" = 1'-0"



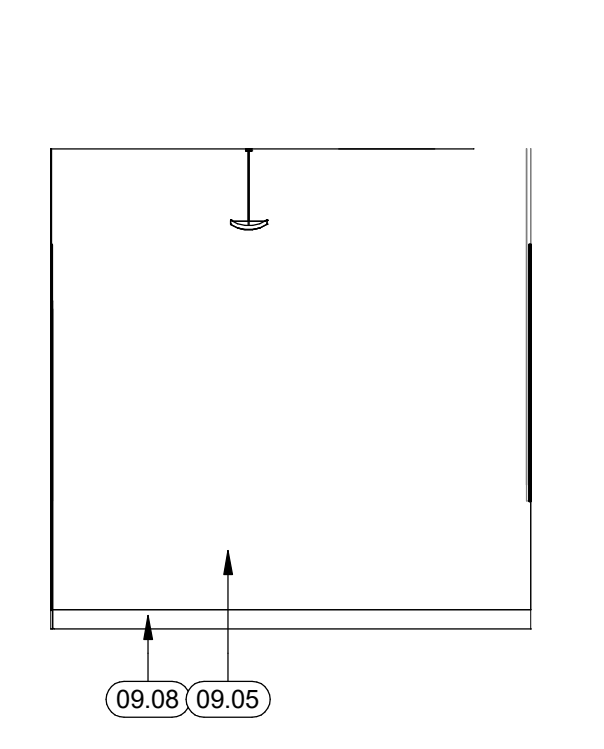
15 CLASS ROOM 5/ FAMILY CENTER - VIEW B
1/4" = 1'-0"



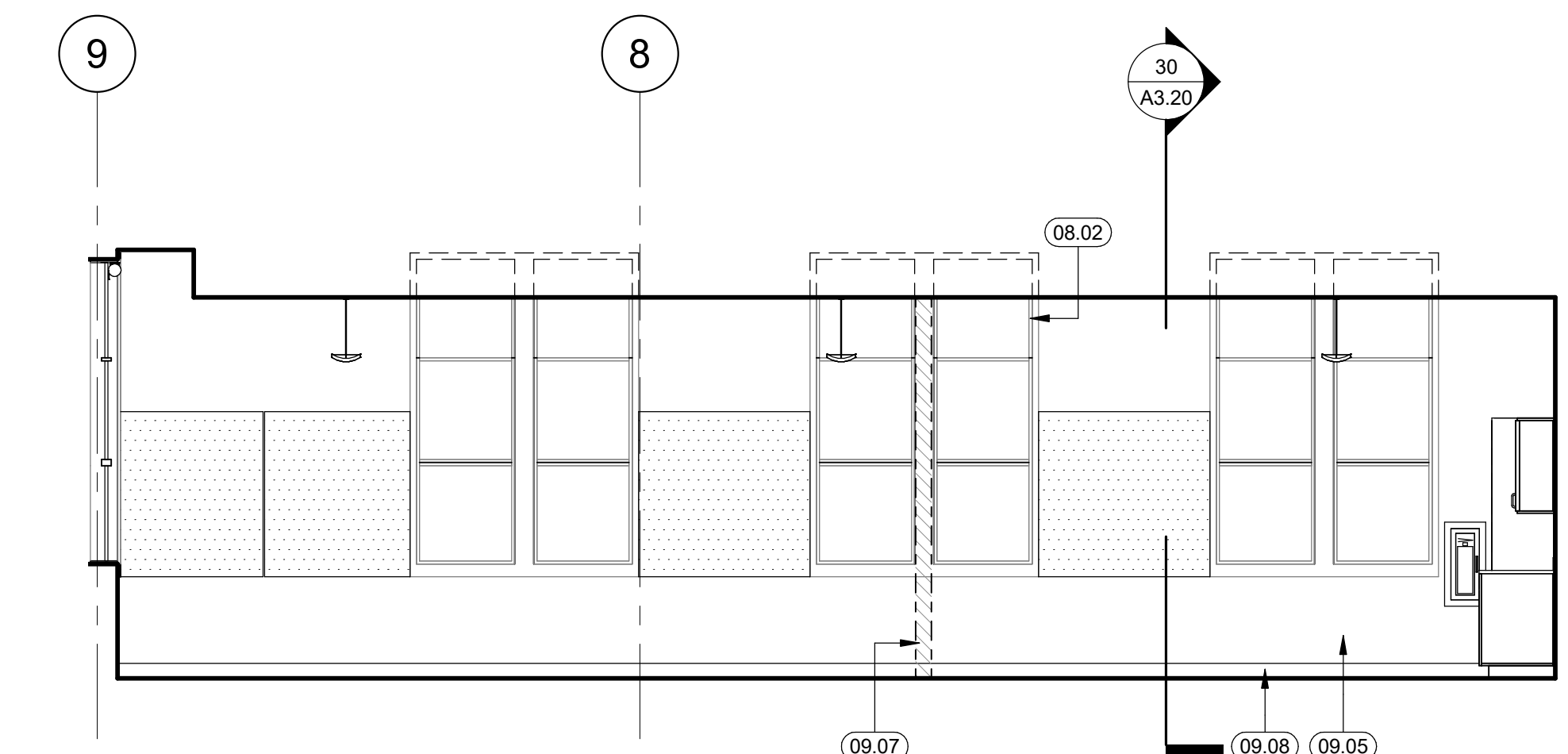
11 CLASS ROOM 4 - VIEW B
1/4" = 1'-0"



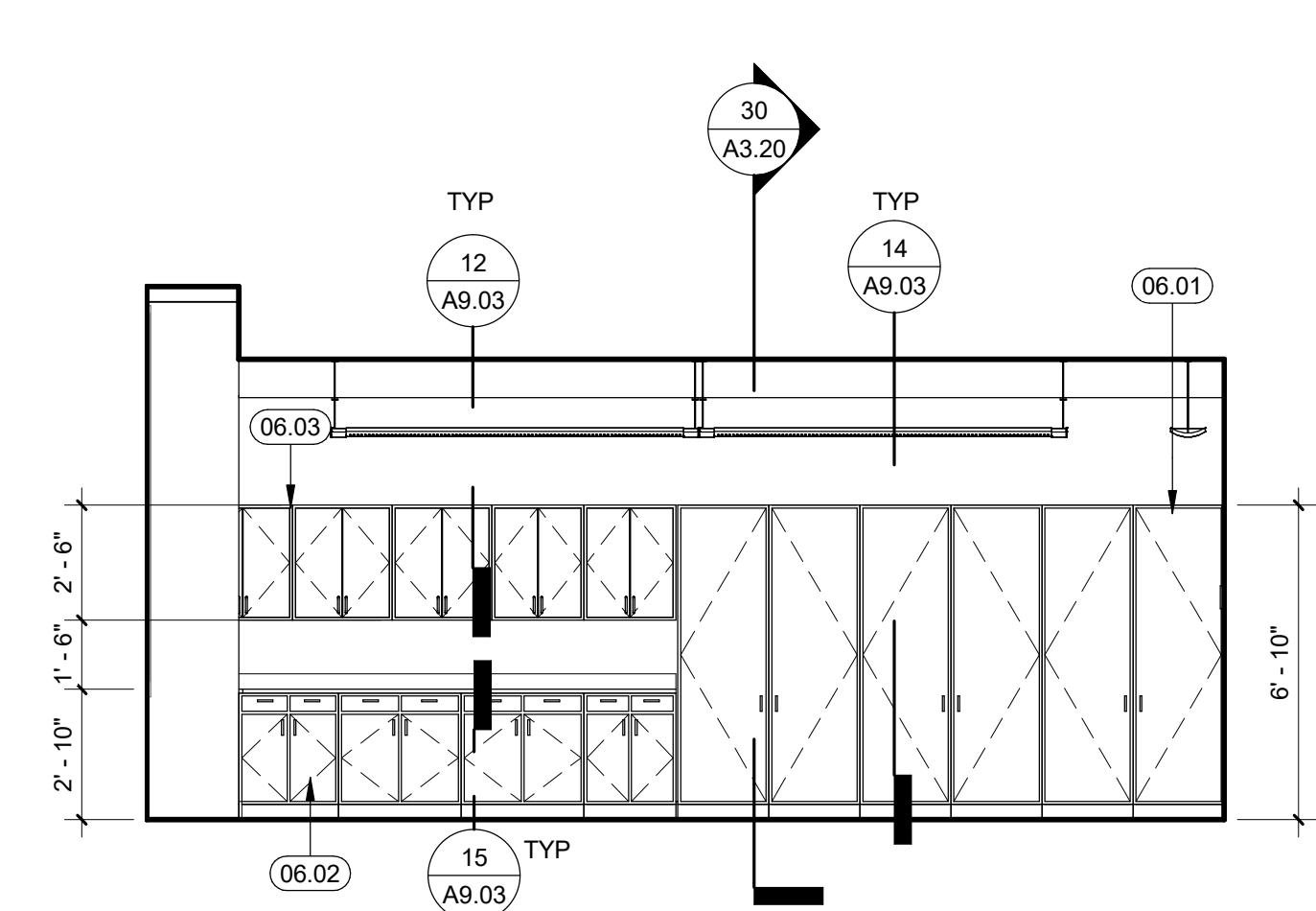
7 BREAKOUT 2 - VIEW C
1/4" = 1'-0"



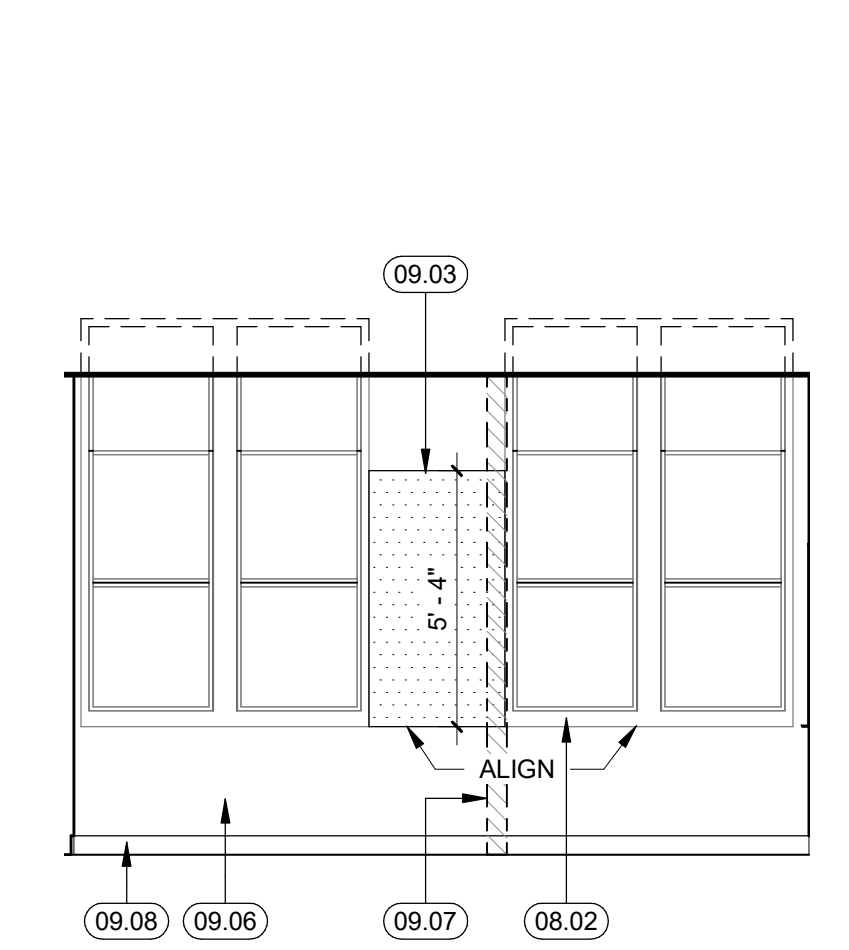
2 BREAKOUT 2 - VIEW A
1/4" = 1'-0"



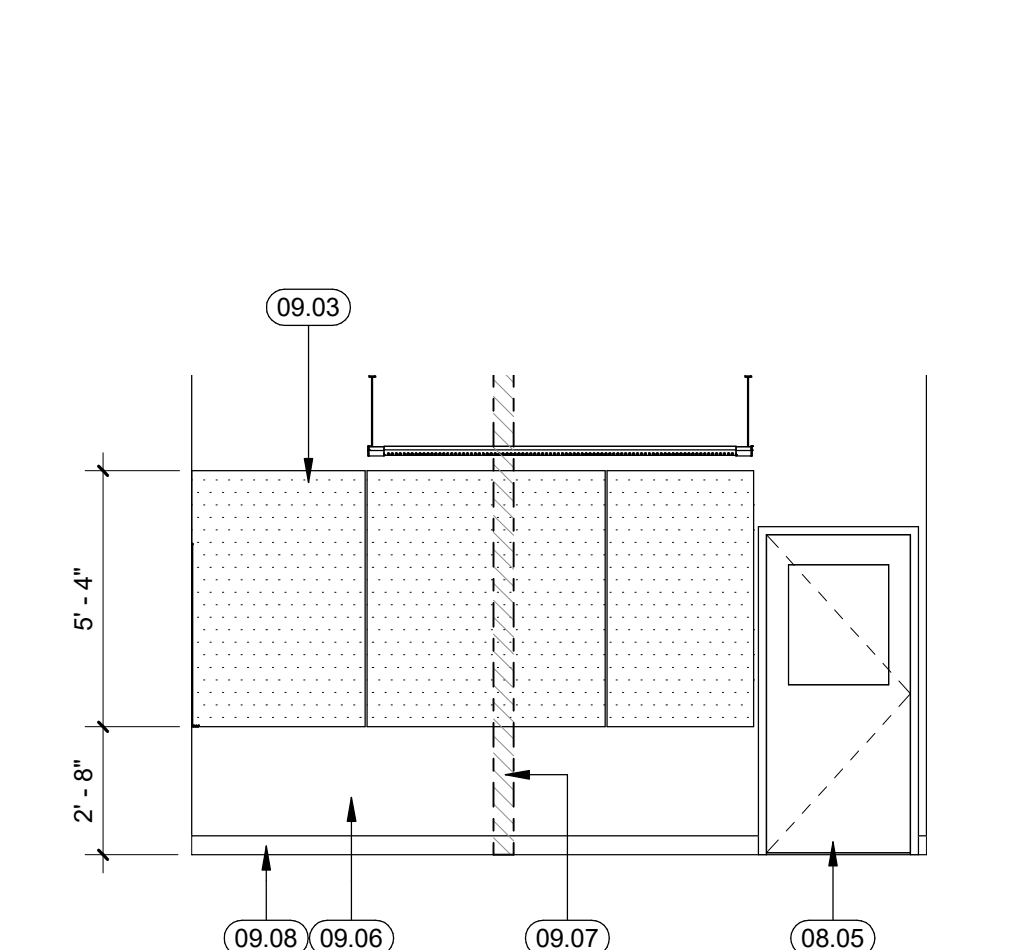
14 CLASS ROOM 5/ FAMILY CENTER - VIEW C
1/4" = 1'-0"



10 CLASS ROOM 4 - VIEW C
1/4" = 1'-0"



6 BREAKOUT 2 - VIEW B
1/4" = 1'-0"



1 BREAKOUT 2 - VIEW D
1/4" = 1'-0"

LEGEND

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HY HIBSER YAMAUCHI Architects, Inc.
 300 - 27th Street
 Oakland, CA 94612
 510.446.2222 tel | 510.446.2211 fax
 HY Architects Project number: 5561

Facility
SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
INTERIOR ELEVATIONS

Client Project Number: _____ Client Proj. # _____
 Scale: 1/4" = 1'-0"
 Drawn By: NM
 Checked By: LP
 Issue Date: 7/16/21
 Revit Version: 2019
 Sheet **A5.02** of 68

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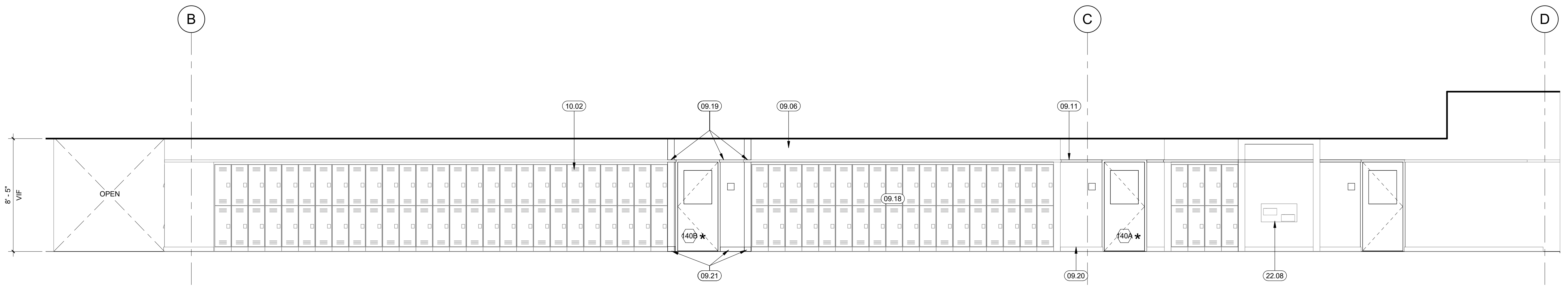
GENERAL NOTES

KEYNOTES

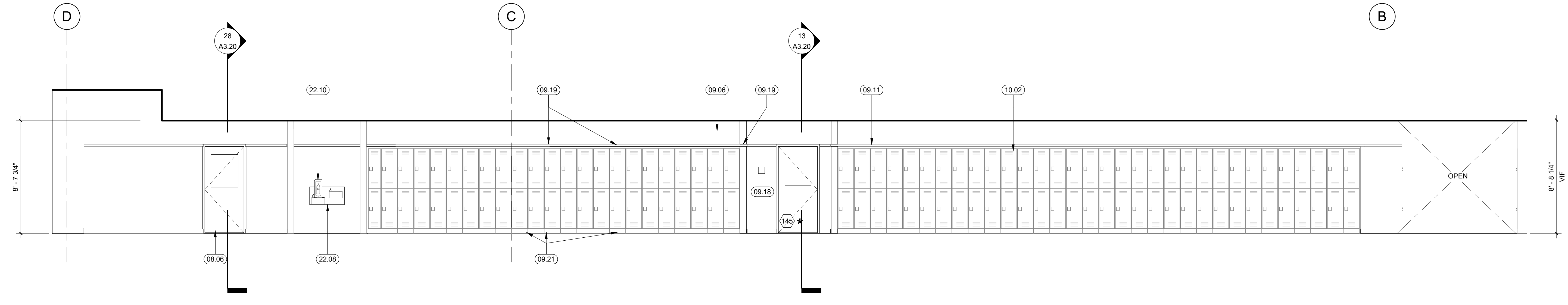
- 08.06 (E) DOOR & FRAME. PAINT SCUFFED OR DAMAGED DOOR TO MATCH (E). SEE DOOR SCHEDULE
- 09.06 (E) GYPSUM BOARD. PATCH, REPAIR & PAINT TO MATCH (E) AS NEEDED
- 09.11 (E) DECORATIVE WOOD TRIM. PATCH AND REPAIR & PAINT TO MATCH (E) AS NEEDED
- 09.18 GYPSUM BOARD PAINTED @ (N) REMODELED AREA. MATCH ADJACENT (E) WALLS
- 09.19 (N) DECORATIVE WOOD TRIM @ (N) ALCOVE & (N) WING WALLS. PAINT TO MATCH ADJACENT (E) TRIM
- 09.20 (E) DECORATIVE WOOD BASE. PATCH AND REPAIR & PAINT TO MATCH (E) AS NEEDED
- 09.21 (N) DECORATIVE WOOD BASE @ (N) ALCOVE & (N) WING WALLS. PAINT TO MATCH ADJACENT (E) BASE
- 10.02 (E) METAL LOCKERS, TYP.
- 22.08 (E) HI-LO ADA DRINKING FOUNTAIN
- 22.10 (E) WATER BOTTLE FILLING STATION

Revisions

Delta	Date	Revisions	By



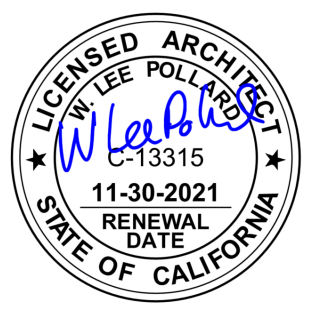
2 CORRIDOR SOUTH ELEVATION
1/4" = 1'-0"



1 CORRIDOR NORTH ELEVATION
1/4" = 1'-0"

LEGEND

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Oakland, CA 94612
510.446.2222 tel | 510.446.2211 fax

HY Architects Project number: 5561

Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
INTERIOR ELEVATIONS

Client Project Number: Client Proj. #
Scale: 1/4" = 1'-0" Sheet

Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019 Sheet 16 of 68

A5.03

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 DIV. OF THE STATE ARCHITECT
 APP: 01-119449 INC.
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 SS FLS ACS
 DATE: 07/26/2021



GENERAL NOTES

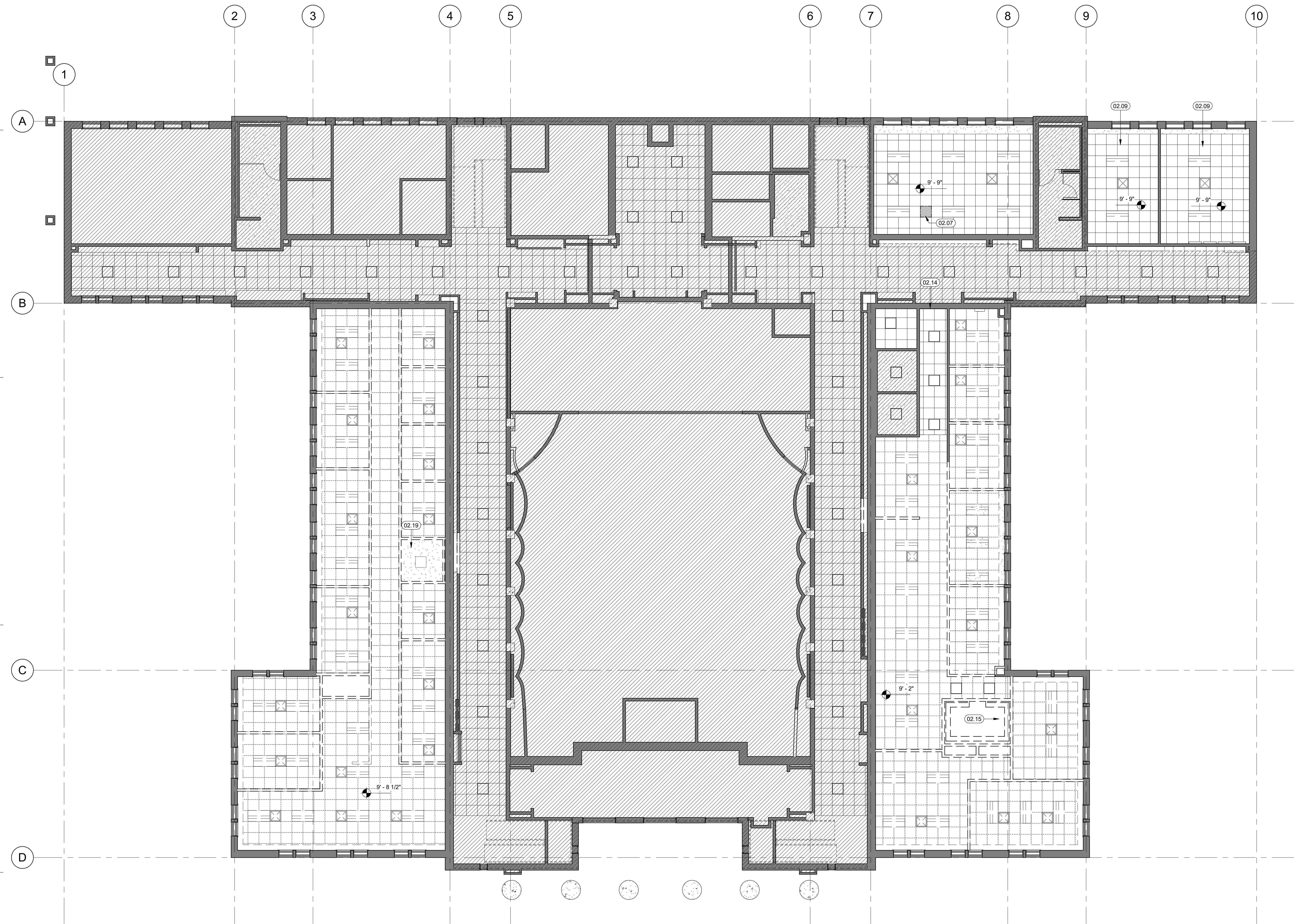
- WHERE NOTED, REMOVE ALL EXISTING ITEMS ON THE CEILINGS, INCLUDING BUT NOT LIMITED TO SUSPENDED ACOUSTICAL CEILING SYSTEMS AND HARD LID CEILING AND SOFFITS, TELECOM DEVICES, ELECTRICAL, LIGHTING AND RACEWAYS AND EXPOSED WIRING, CONDUIT, SPRINKLERS, FIRE ALARM DEVICES AND CONDUITS, SMOKE DETECTORS, SURFACE MOUNTED LIGHT FIXTURES, SECURITY EQUIPMENT AND CONDUITS, UON.
- REMOVE ALL LOOSE AND SPALLING PLASTER THROUGHOUT AND AS REQUIRED FOR A SOUND SUBSTRATE IN AREAS EXPOSED TO VIEW AFTER RENOVATION AND SCHEDULED FOR REPAIR. STRIP LOOSE AND FLAKING PAINT AS REQUIRED FOR PROPER ADHESION OF (N) PRIMER THROUGHOUT. STRIP PAINT TO EXTENT REQUIRED FOR PROPER ADHESION OF (N) PRIMER AND PAINT FOR A SMOOTH AND EVEN FINISH.
- VERIFY EXTENT OF ALL (E) CEILING FINISHES TO BE DEMOLISHED IN FIELD, PRIOR TO BID.

KEYNOTES

- 02.07 REPLACE (E) ACOUSTIC CEILING TILE IN KIND
- 02.09 (E) ACOUSTIC CEILING, REMOVE ANY DAMAGED TILES. TO BE REPLACED IN KIND
- 02.14 (E) AREA TO REMAIN, NOT IN SCOPE
- 02.15 DEMOLISH (E) VAULT CONCRETE CEILING, CAREFULLY REMOVE CONCRETE DEBRIS WITHOUT DAMAGING ADJACENT STRUCTURE.
- 02.19 DEMOLISH (E) GYP. CEILING

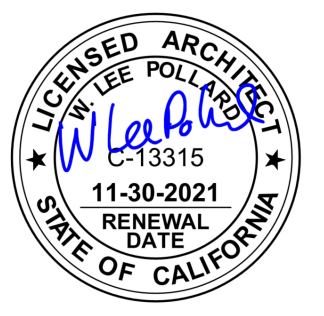
LEGEND

- AREA NOT IN PROJECT SCOPE
- (E) TO REMAIN
- (E) TO BE DEMOLISHED
- (E) SUSPENDED ACOUSTIC CEILING TO REMAIN
- (E) SUSPENDED ACOUSTIC CEILING TO BE DEMOLISHED
- (E) MECHANICAL RETURN GRILL
- (E) RECESSED 24X24 LIGHTING
- (E) RECESSED 24X48 LIGHTING



Delta	Date	Revisions	By

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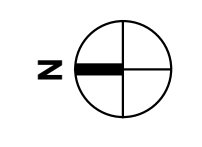
Facility
SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

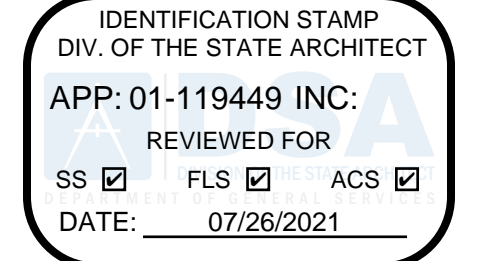
Project
AD BUILDING REMODEL

Sheet Title
DEMOLITION RCP

Client Project Number: Client Proj. #
 Scale: As indicated Sheet
 Drawn By: NM
 Checked By: LP
 Issue Date: 7/16/21
 Revit Version: 2019 Sheet 17 of 68

30 DEMO REFLECTED CEILING PLAN - FIRST FLOOR
 1/8" = 1'-0"





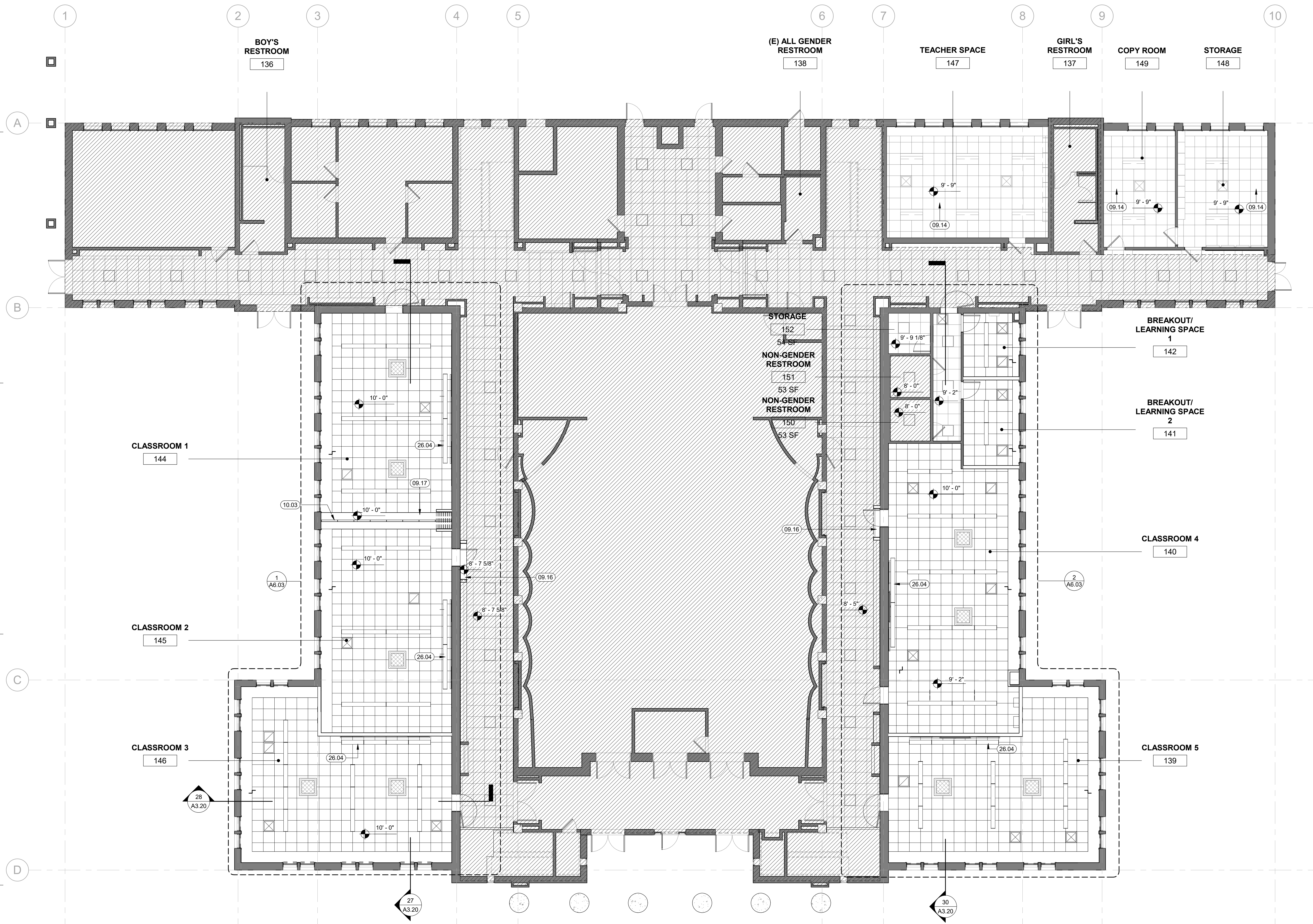
GENERAL NOTES

1. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE FIELD PRIOR TO INSTALLATION
2. SEE SPECS AND FINISH SCHEDULE FOR CEILING TYPES
3. SEE SHEET A9.01 FOR CEILING DETAILS

KEYNOTES

- 09.14 (E) ACOUSTIC CEILING TILE, REPLACE DAMAGED TILES
- 09.16 (N) GYP CEILING @ ENTRY ALCOVE, ALIGN WITH CORRIDOR CEILING
- 09.17 (N) GYP CEILING @ FOLDING PARTITION SOFFIT, SEE DETAIL 10/A3.30
- 10.03 FOLDING PARTITION, SEE DETAIL 10/A3.30, SEE SPECS
- 26.04 LIGHT FIXTURE, PENDANT LIGHTS WITHOUT ENOUGH CLEARANCE TO SWING 45 DEGREES REQUIRE BRACING. SEE PENDANT LIGHT SWAY BRACING DETAILS IN ELECTRICAL DRAWINGS (DETAILS 1/E0.05, 3/E0.05 & 4/E0.05)

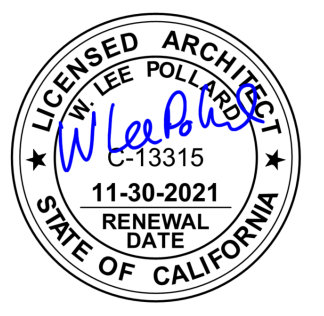
Delta	Date	Revisions	By



LEGEND

- [Hatched Box] AREA NOT IN PROJECT SCOPE
- [Grid Pattern Box] (E) SUSPENDED ACOUSTIC CEILING
- [Dotted Pattern Box] (N) SUSPENDED ACOUSTIC CEILING
- [Square with X Box] (E) MECHANICAL RETURN GRILL
- [Thin Line Box] (N) SUSPENDED LINEAR LIGHT, SED
- [Square Box] (E) RECESSED 24X24 LIGHTING
- [Dashed Line Box] (E) RECESSED 24X48 LIGHTING
- [L-Shape Box] CEILING HT. TRANSITION

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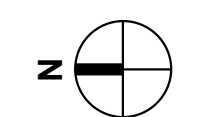
HY Architects Project number: 5561
 Facility: SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project: **AD BUILDING REMODEL**

Sheet Title: **REFLECTED CEILING PLAN**

Client Project Number: Client Proj. #
 Scale: As indicated
 Drawn By: NM
 Checked By: LP
 Issue Date: 7/16/21
 Revit Version: 2019
 Sheet 18 of 68

20 FIRST FLOOR REFLECTED CEILING PLAN
 1/8" = 1'-0"



GENERAL NOTES

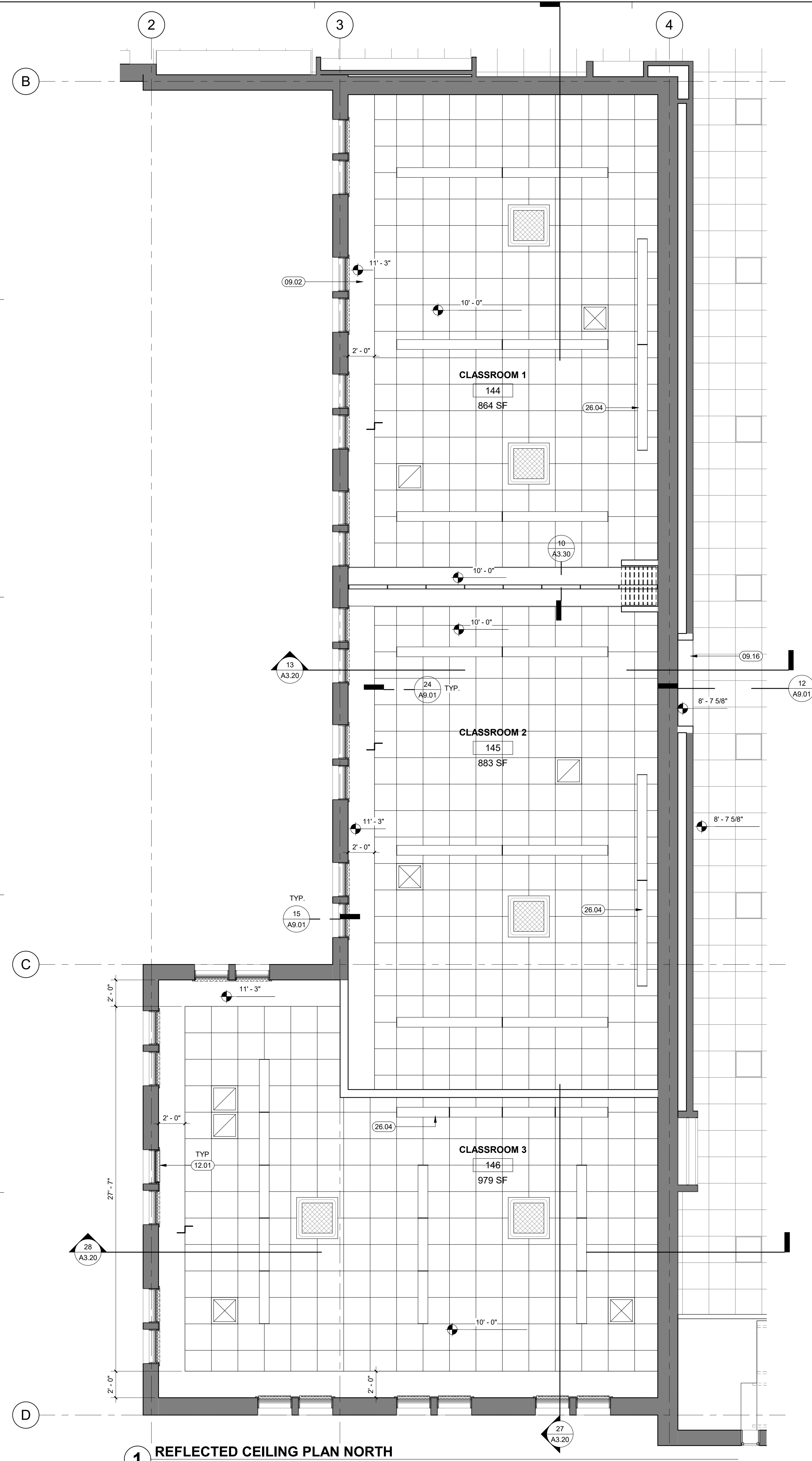
1. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE FIELD PRIOR TO INSTALLATION
2. SEE SPECS AND FINISH SCHEDULE FOR CEILING TYPES
3. SEE SHEET A9.02 FOR CEILING DETAILS
4. SEE ENLARGED FLOOR PLAN A4.01 FOR LOCATION OF (N) WALLS

KEYNOTES

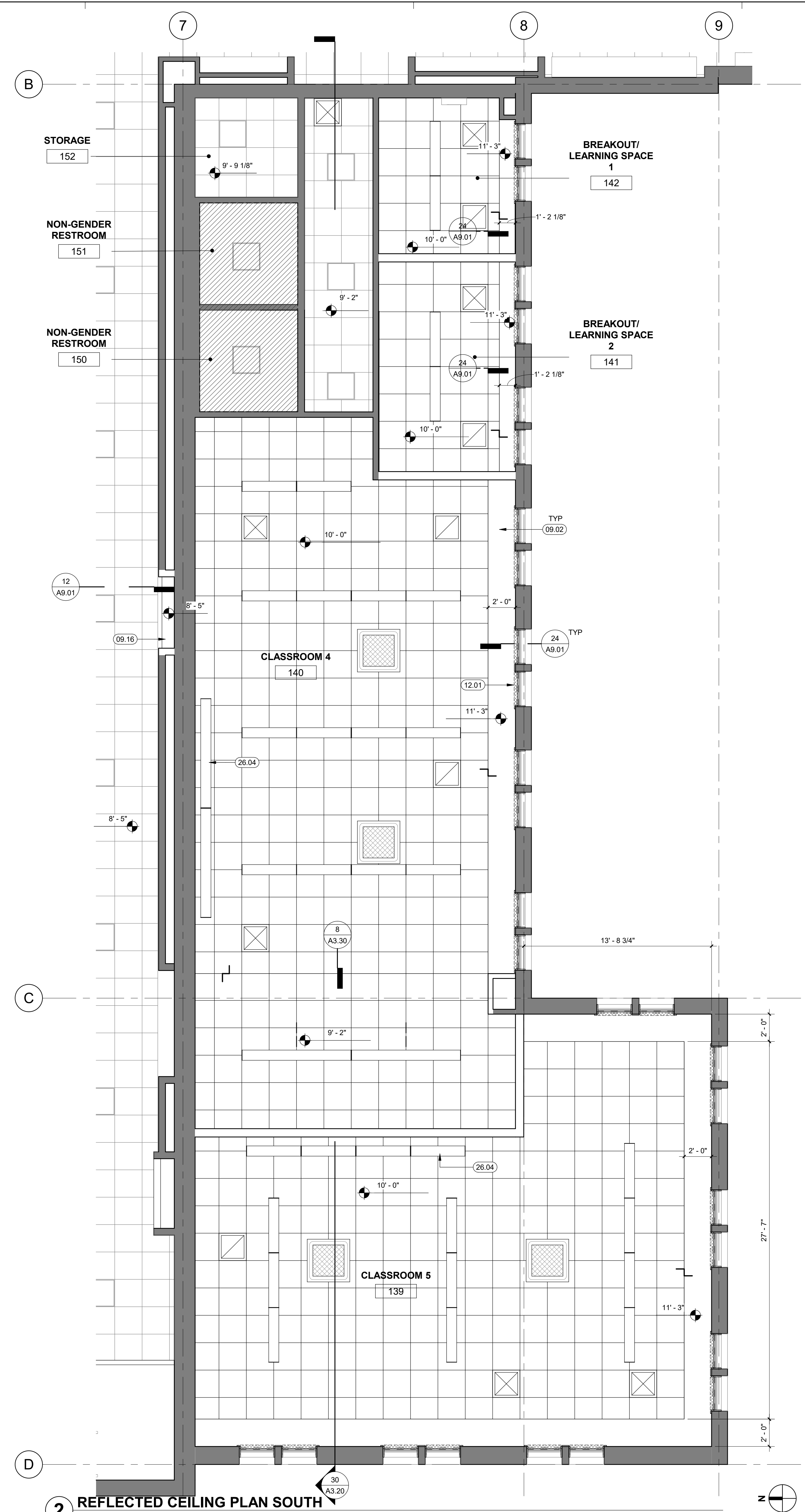
- | Delta | Date | Revisions | By |
|-------|------|--|----|
| 09.02 | | (N) GYP SOFFIT | |
| 09.16 | | (N) GYP CEILING @ ENTRY ALCOVE, ALIGN WITH CORRIDOR CEILING | |
| 12.01 | | WINDOW ROLLER SHADES, SEE DETAIL 19/A9.01, SEE SPECS. | |
| 26.04 | | LIGHT FIXTURE. PENDANT LIGHTS WITHOUT ENOUGH CLEARANCE TO SWING 45 DEGREES REQUIRE BRACING. SEE PENDANT LIGHT SWAY BRACING DETAILS IN ELECTRICAL DRAWINGS (DETAILS 1/E0.05, 3/E0.05 & 4/E0.05) | |



Delta	Date	Revisions	By



1 REFLECTED CEILING PLAN NORTH
1/4" = 1'-0"



2 REFLECTED CEILING PLAN SOUTH
1/4" = 1'-0"

LEGEND

- AREA NOT IN PROJECT SCOPE
- (E) SUSPENDED ACOUSTIC CEILING
- (N) SUSPENDED ACOUSTIC CEILING
- (E) MECHANICAL RETURN GRILL
- (N) SUSPENDED LINEAR LIGHT; SED
- (E) RECESSED 24X24 LIGHTING
- (E) RECESSED 24X48 LIGHTING
- CEILING HT. TRANSITION

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HY Architects Project number: 5561

Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ENLARGED REFLECTED CEILING PLAN

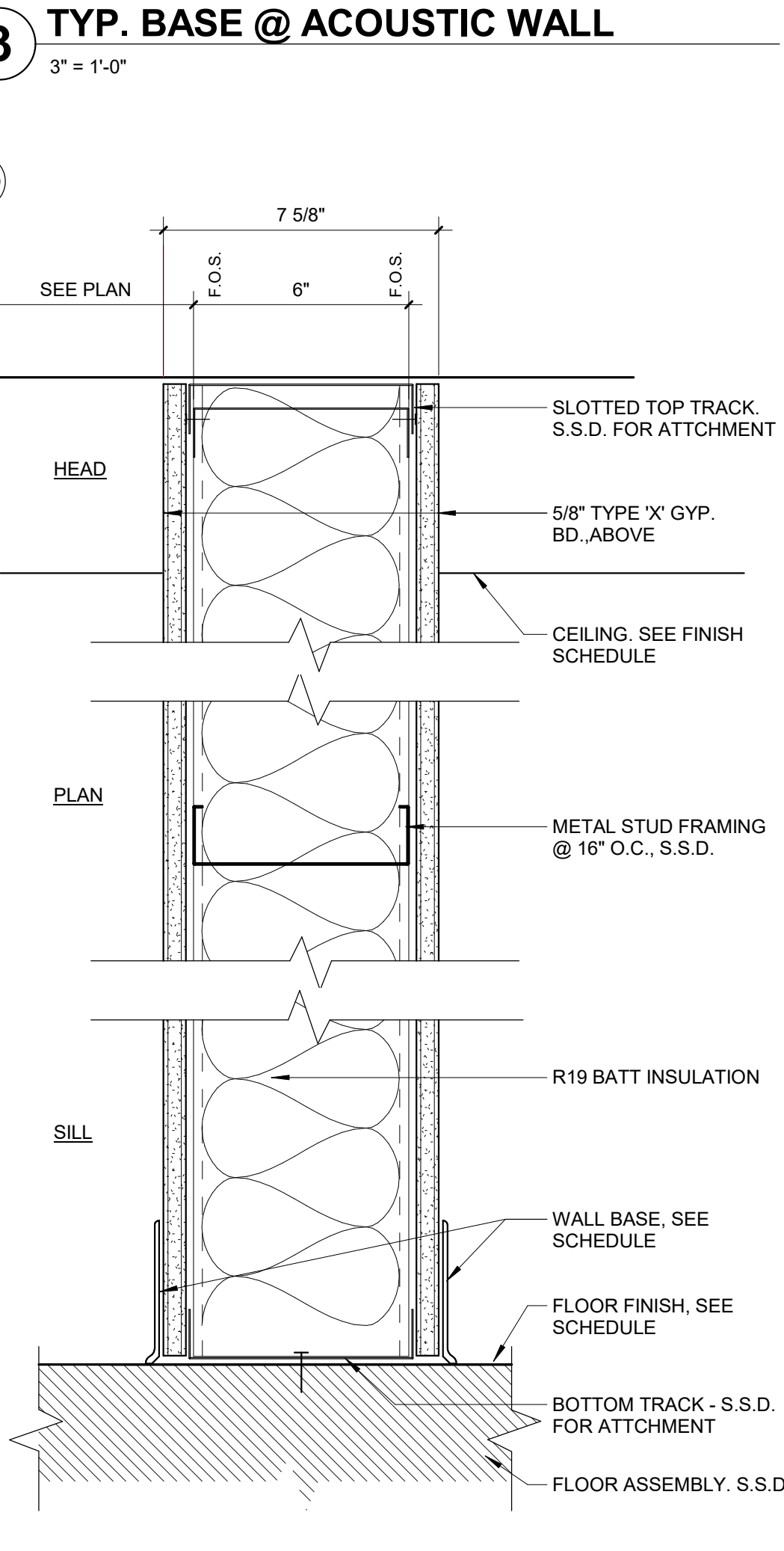
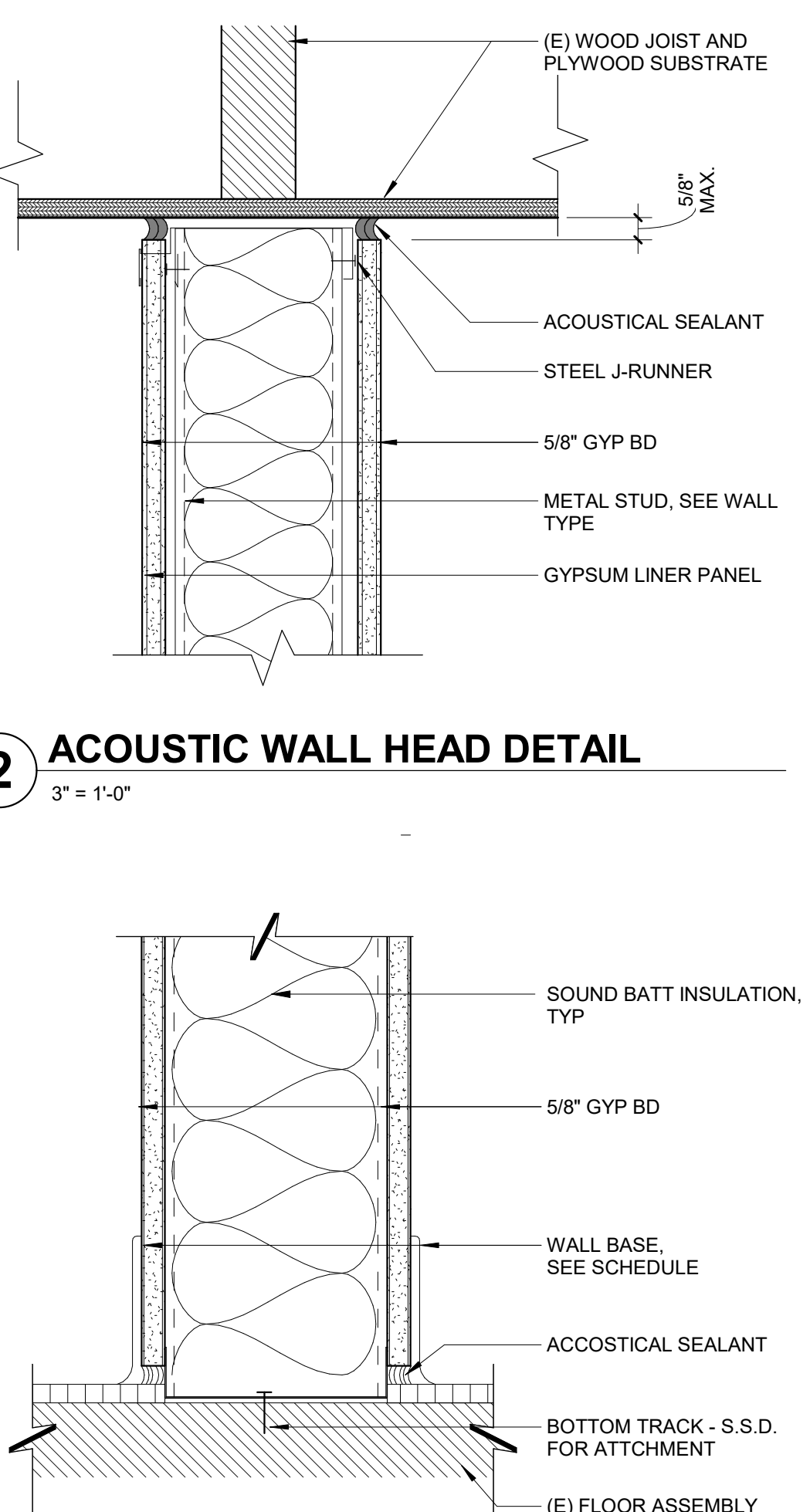
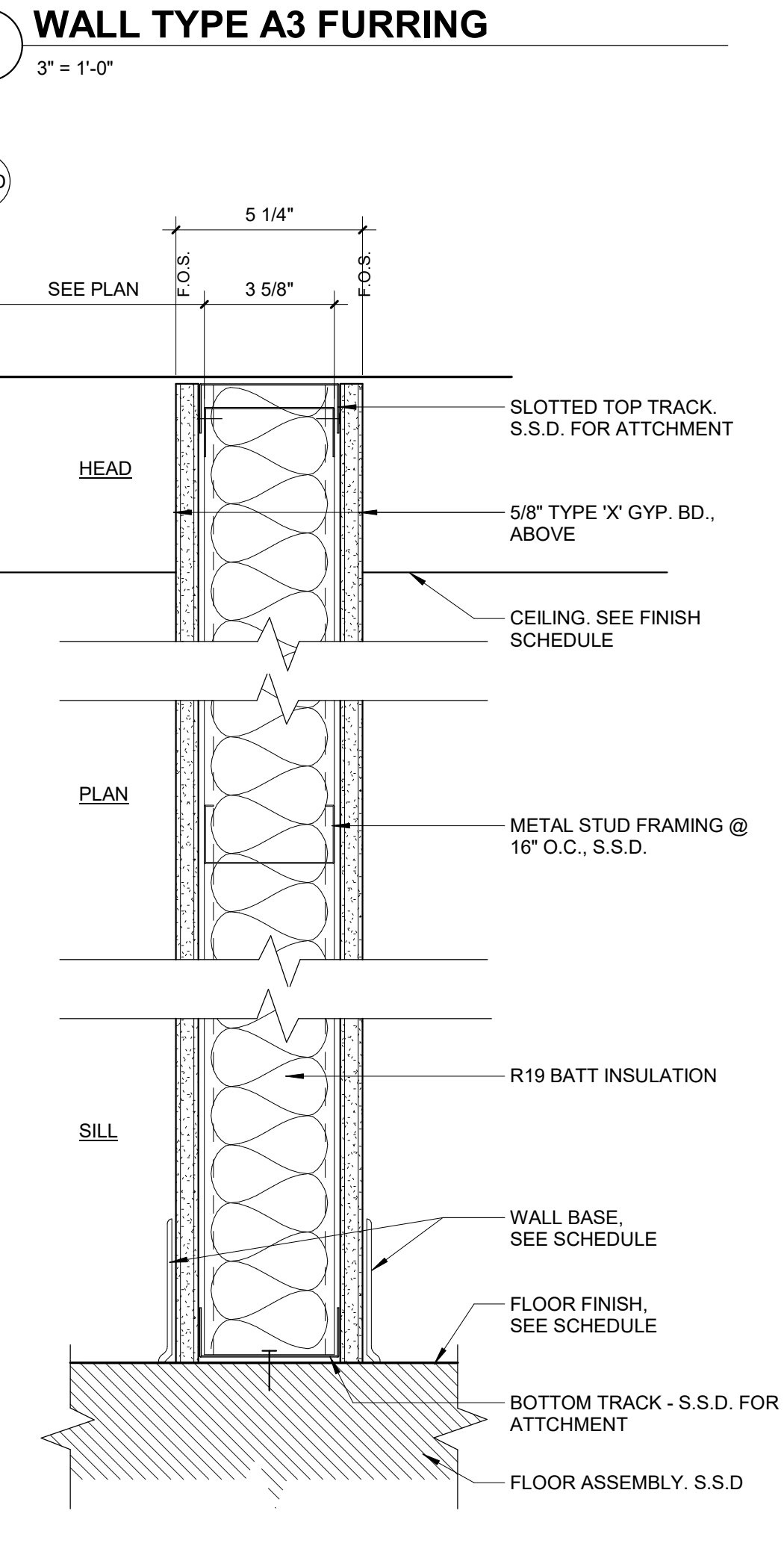
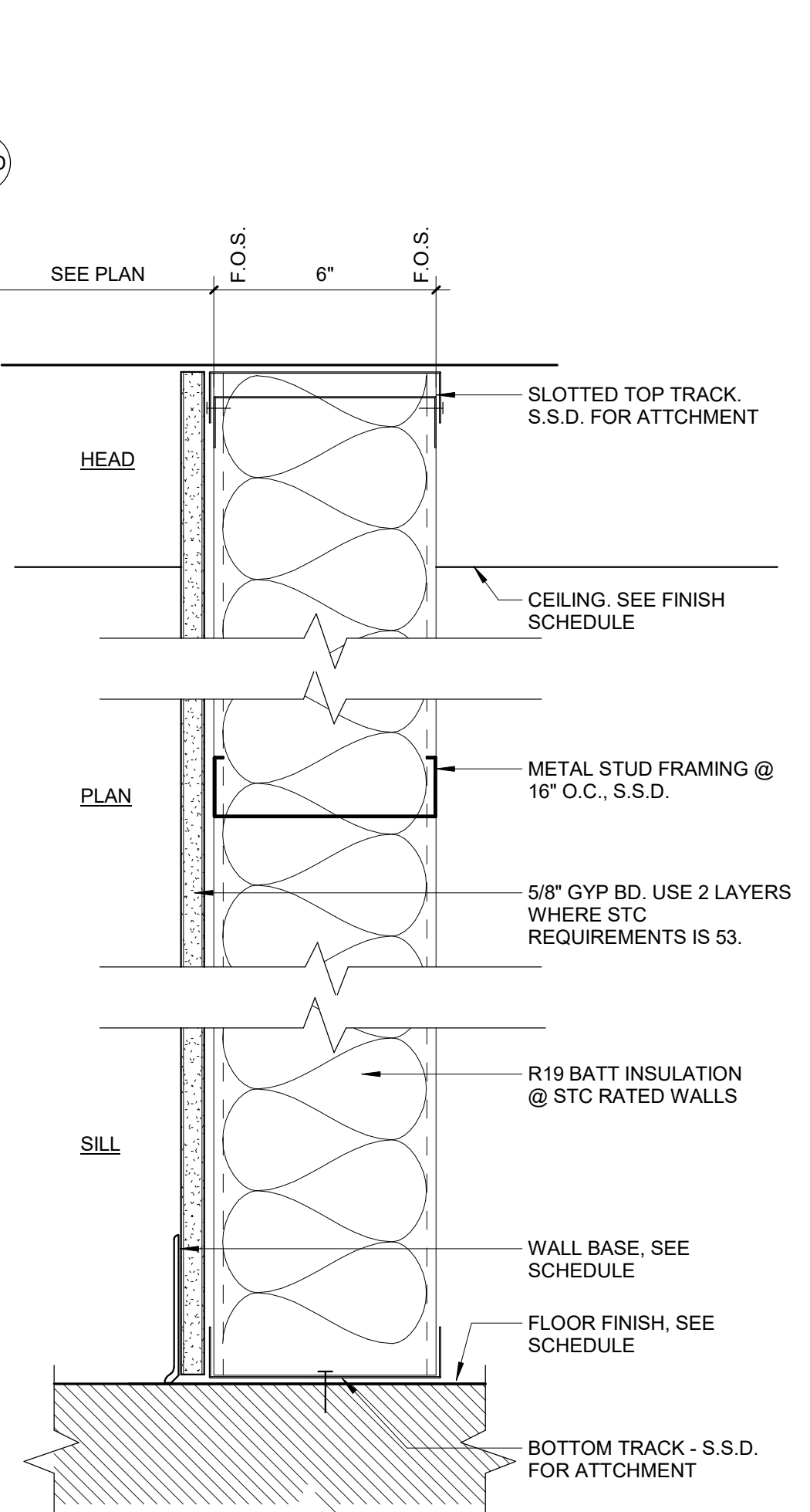
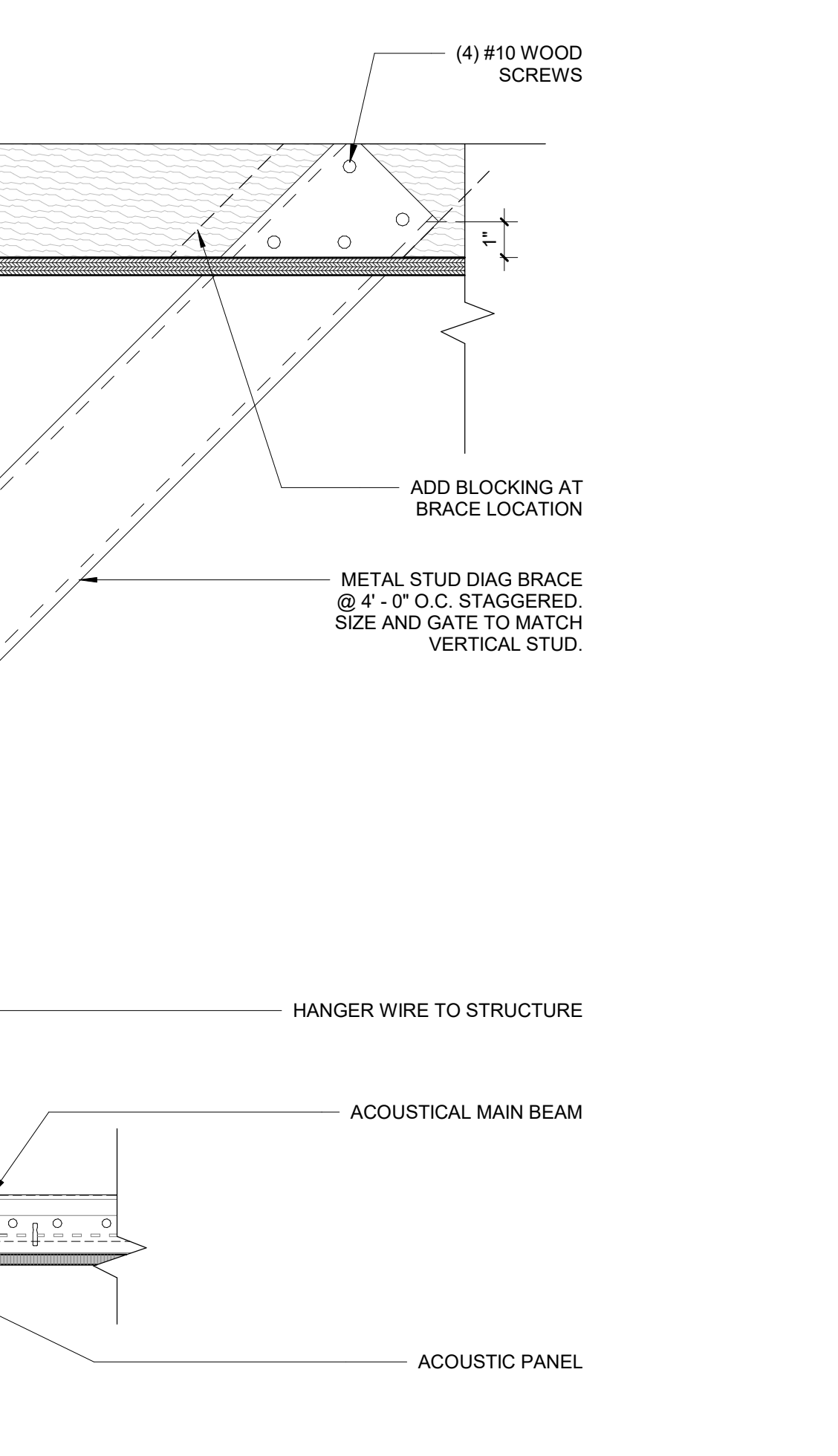
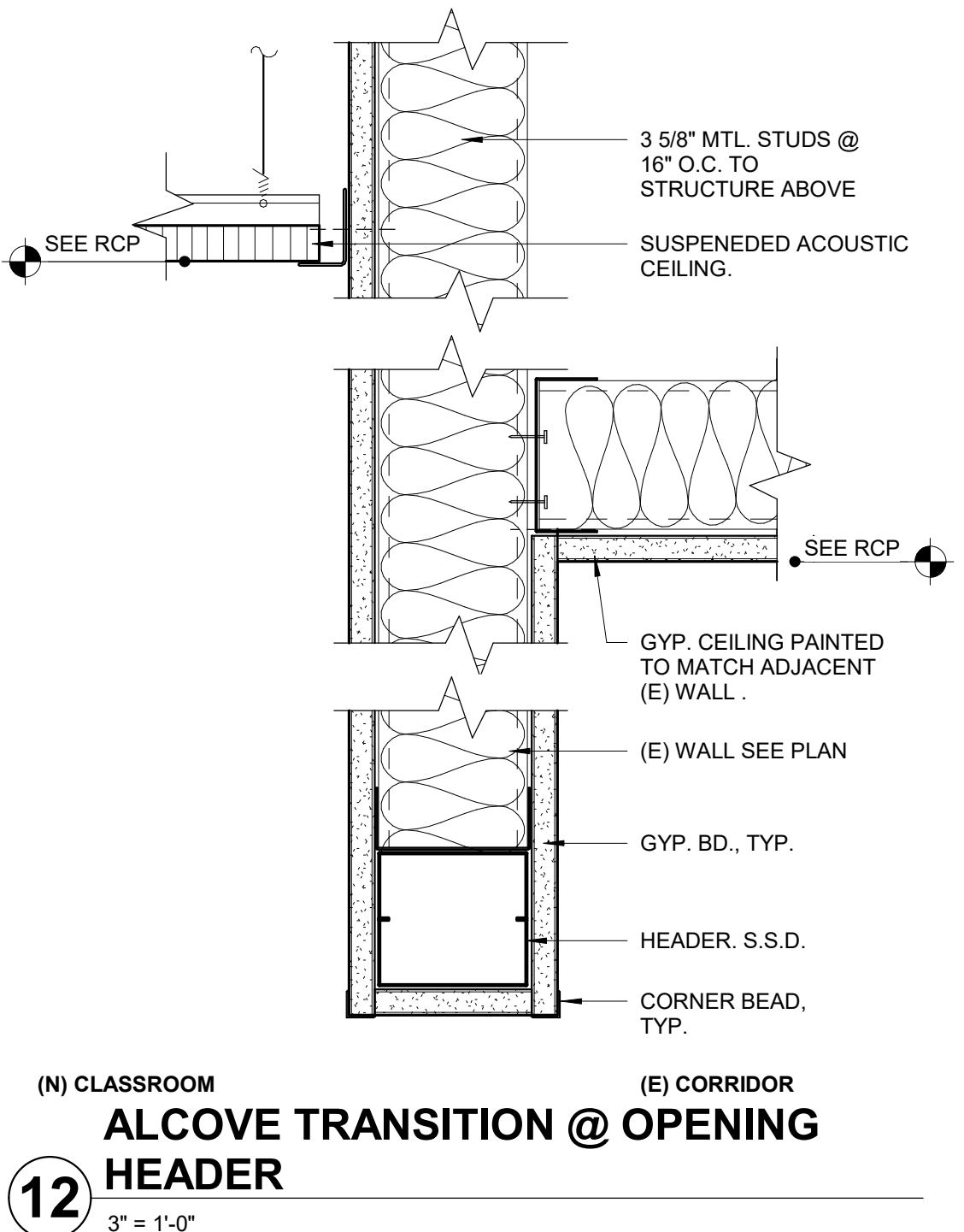
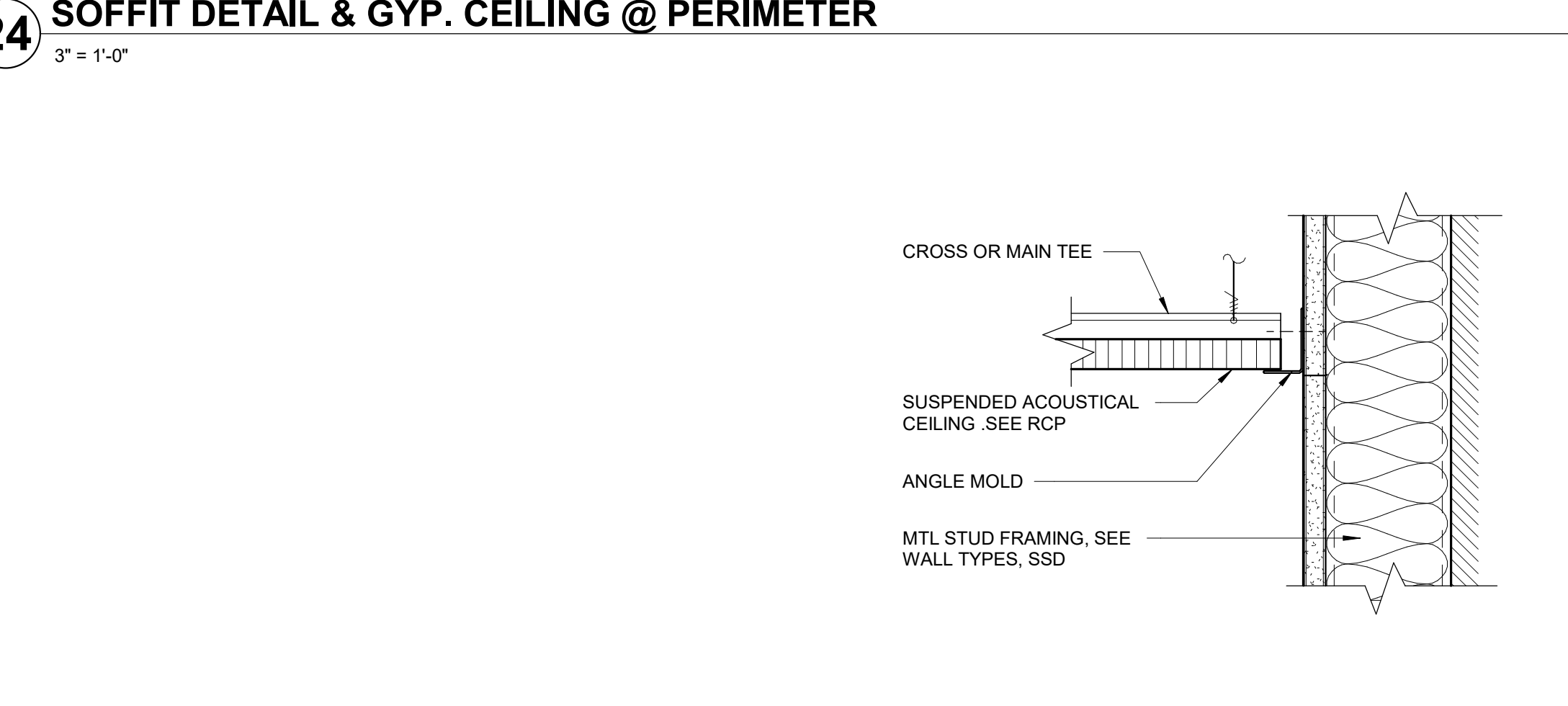
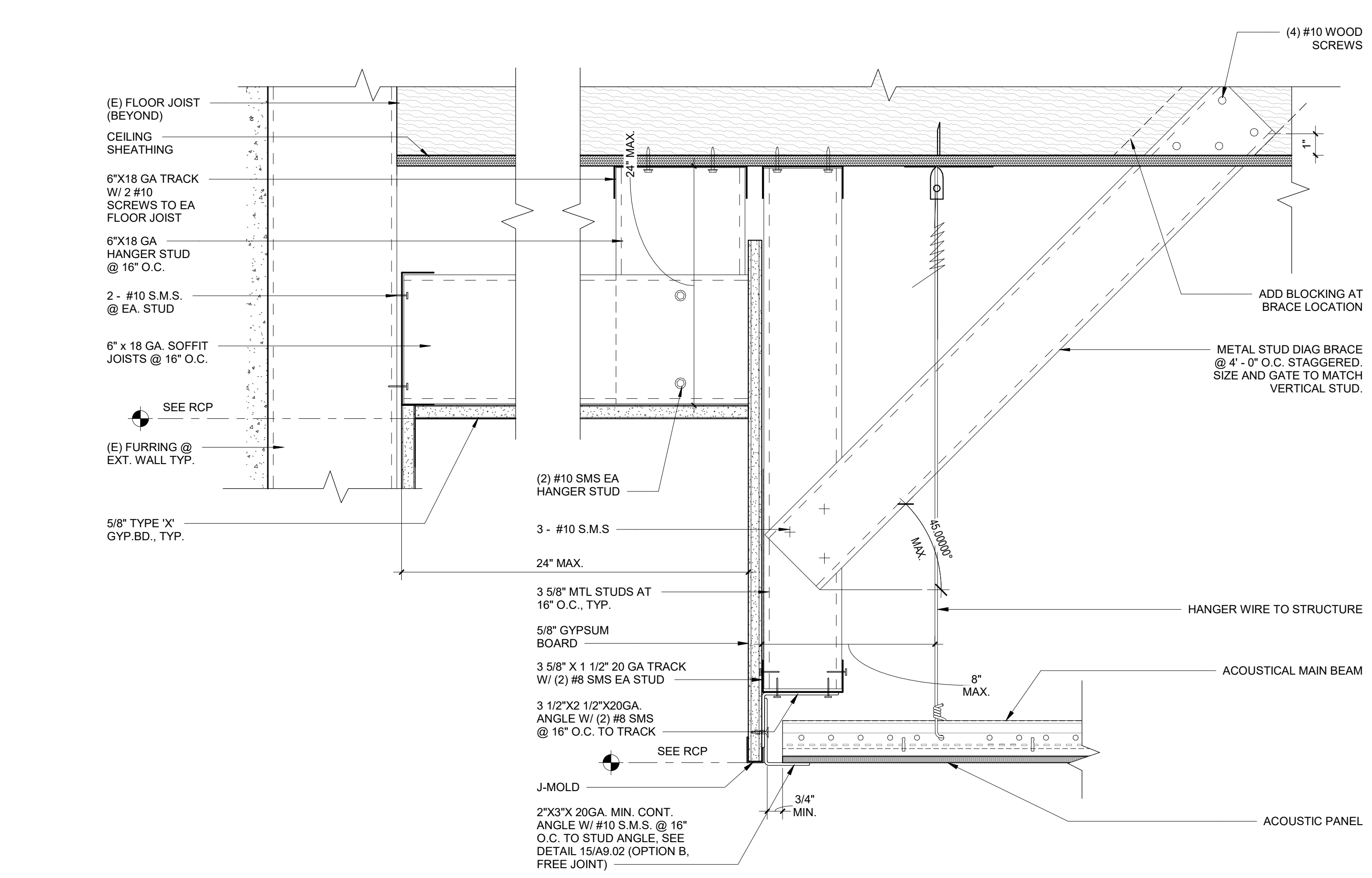
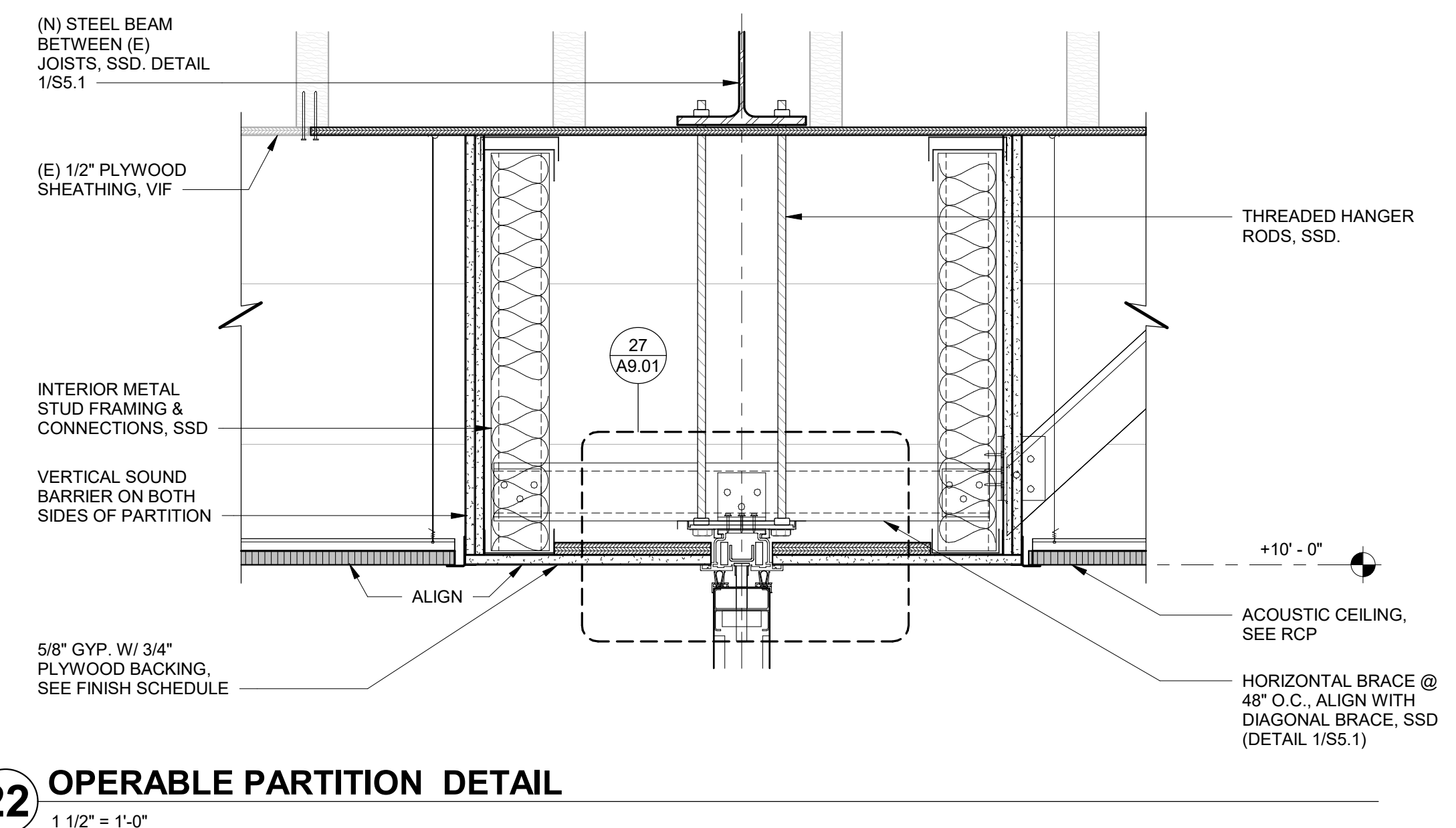
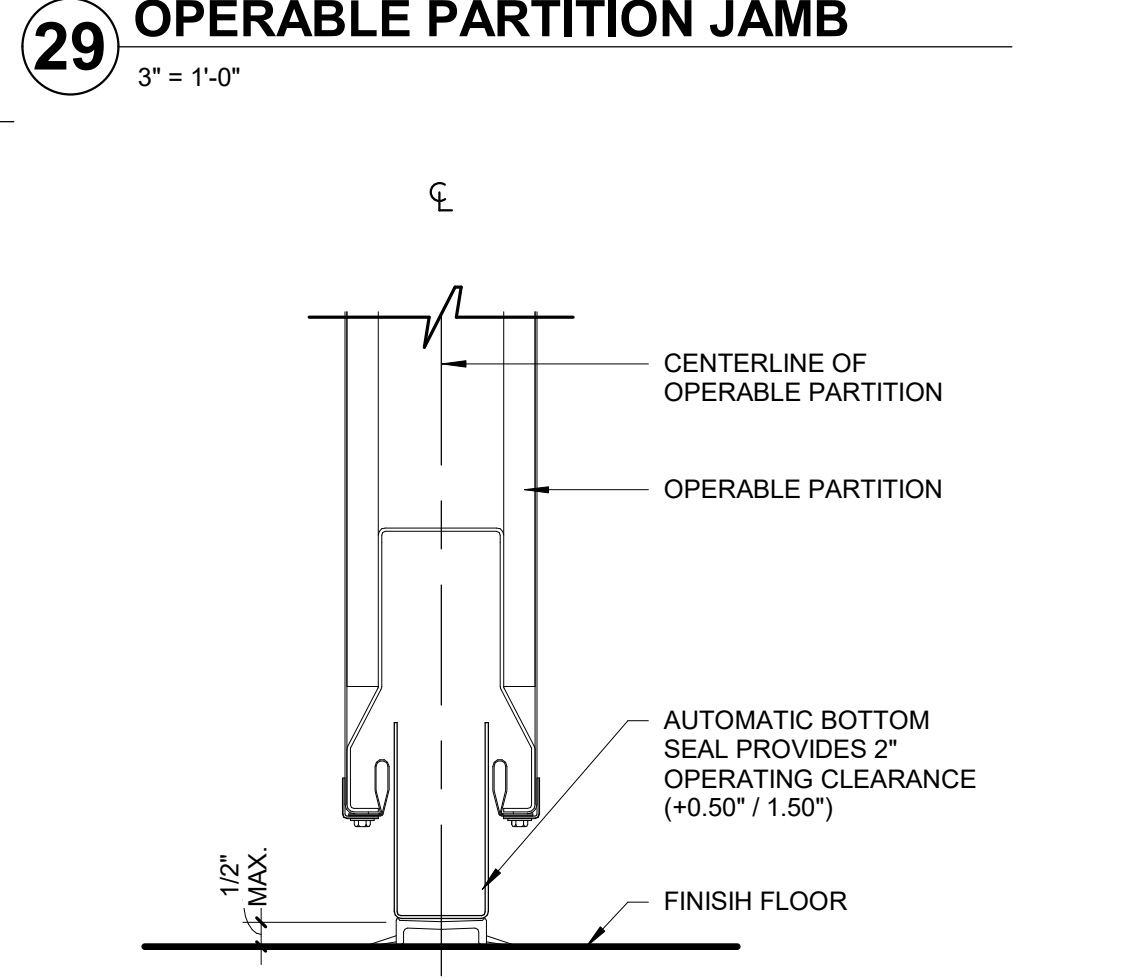
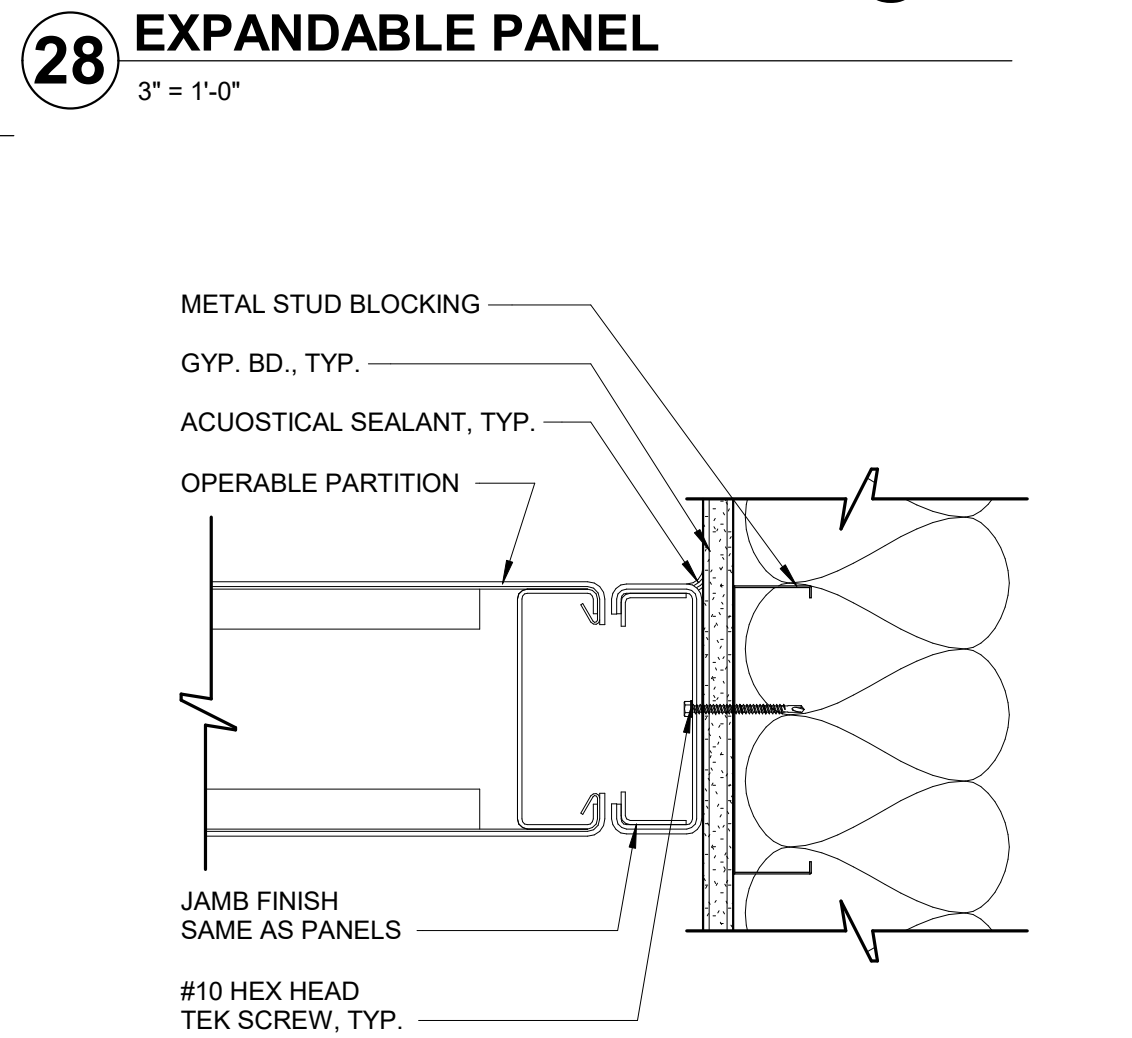
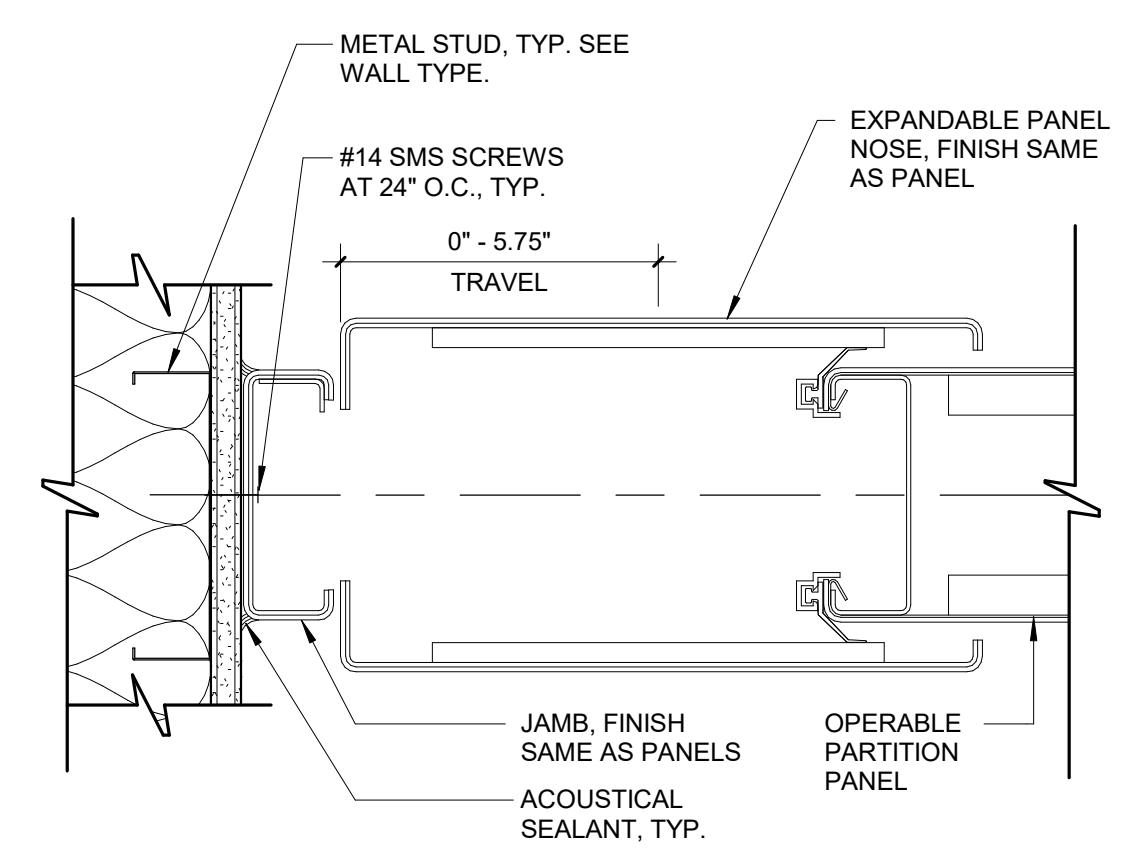
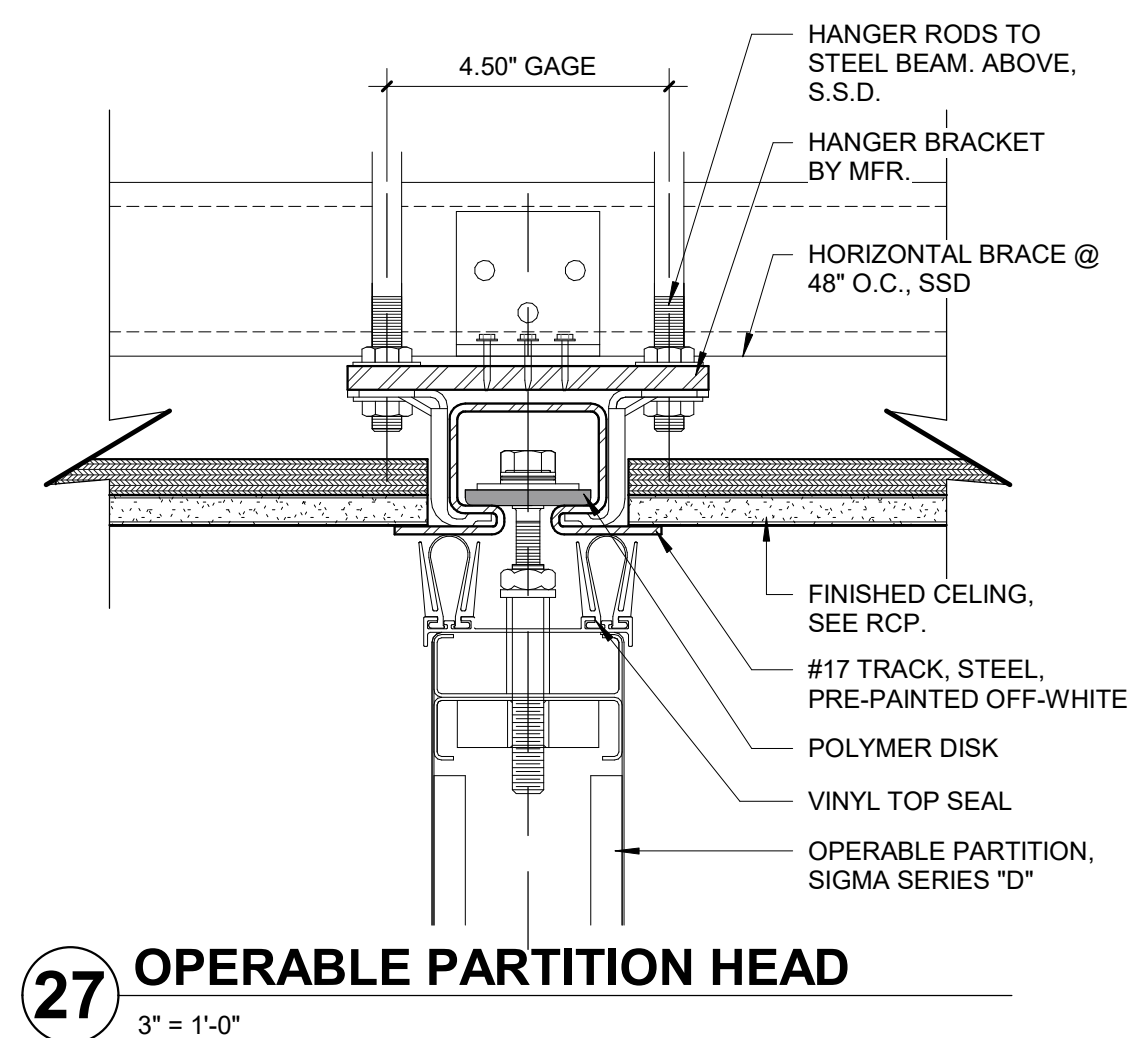
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Scale: 1/4" = 1'-0"
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019

A6.03

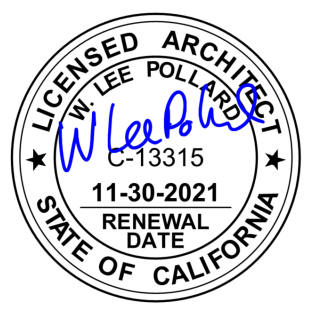
Sheet 19 of 68

Revisions	Delta	Date	Revisions	By



5 WALL TYPE A1
3" = 1'-0"

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HY Architects Project number: 5561
Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

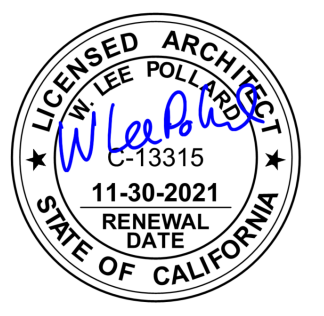
Sheet Title
INTERIOR WALL TYPES & DETAILS

Client Project Number: Client Proj. #
Scale: As indicated Sheet
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019
A9.01
Sheet 20 of 68

Revisions	Delta	Date	Revisions	By

DSA SUBMITTAL
ISSUE DATE: _____ ISSUE DATE: _____ BY: INITIALS

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Architect/Engineer Of Record: _____



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300 - 27th Street
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HY Architects Project number: 5561

Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

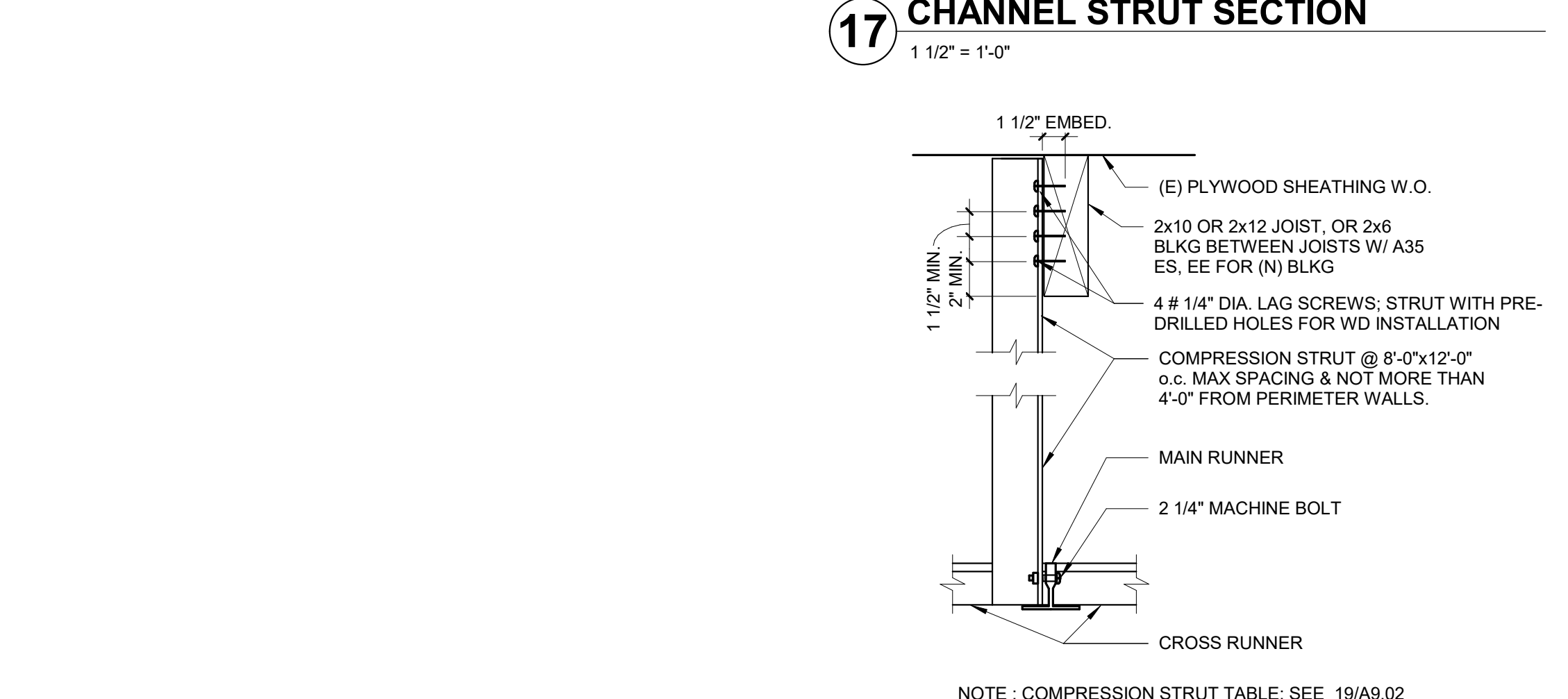
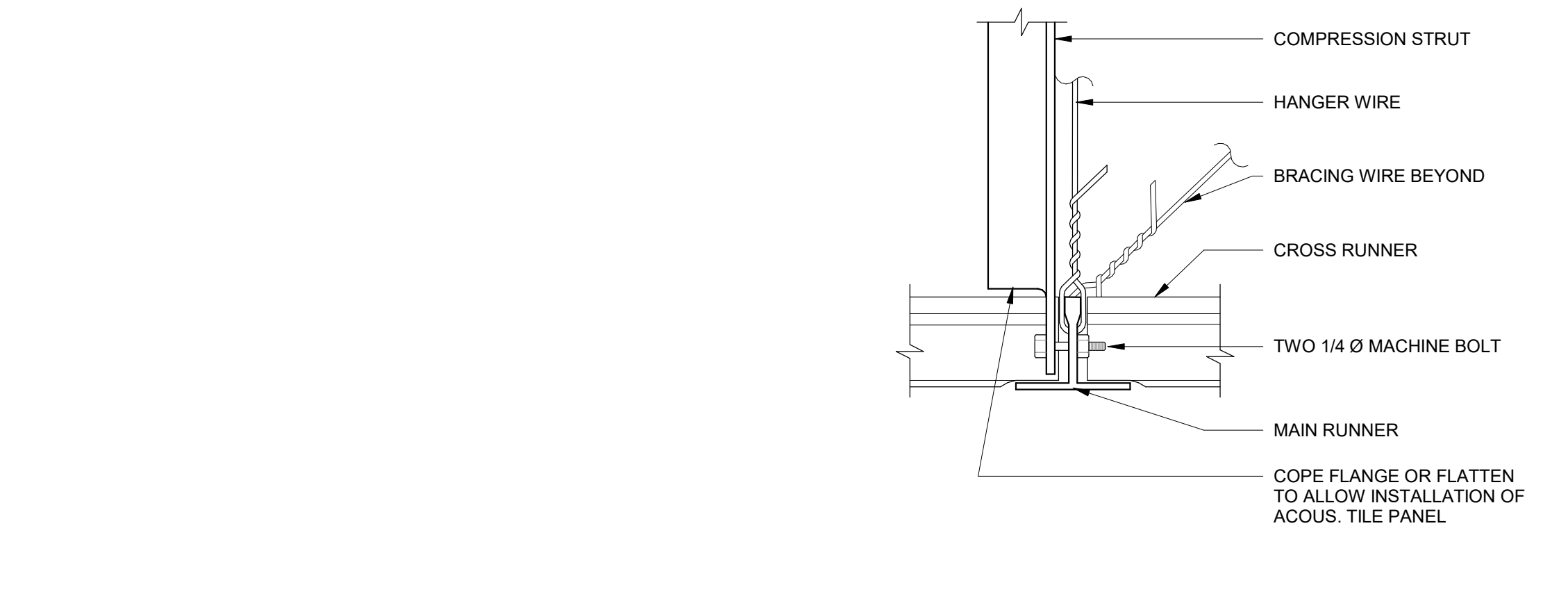
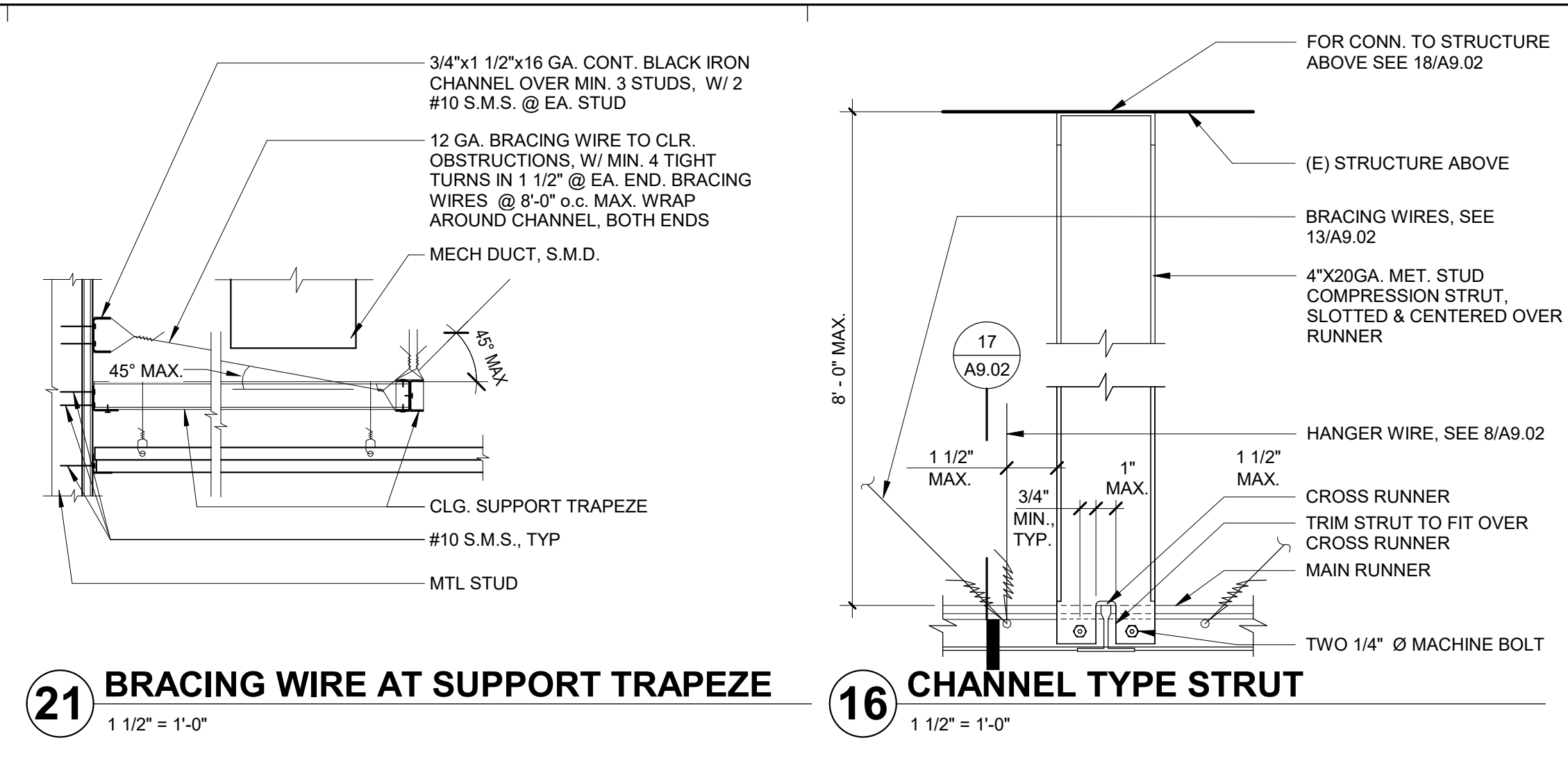
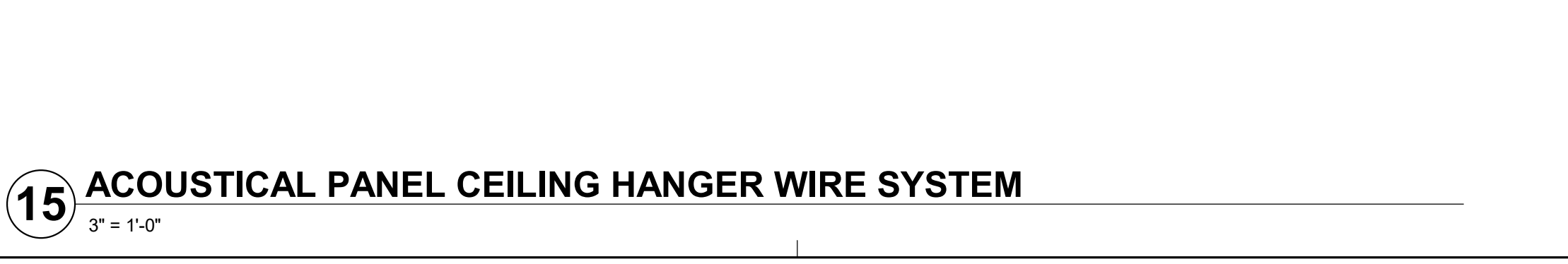
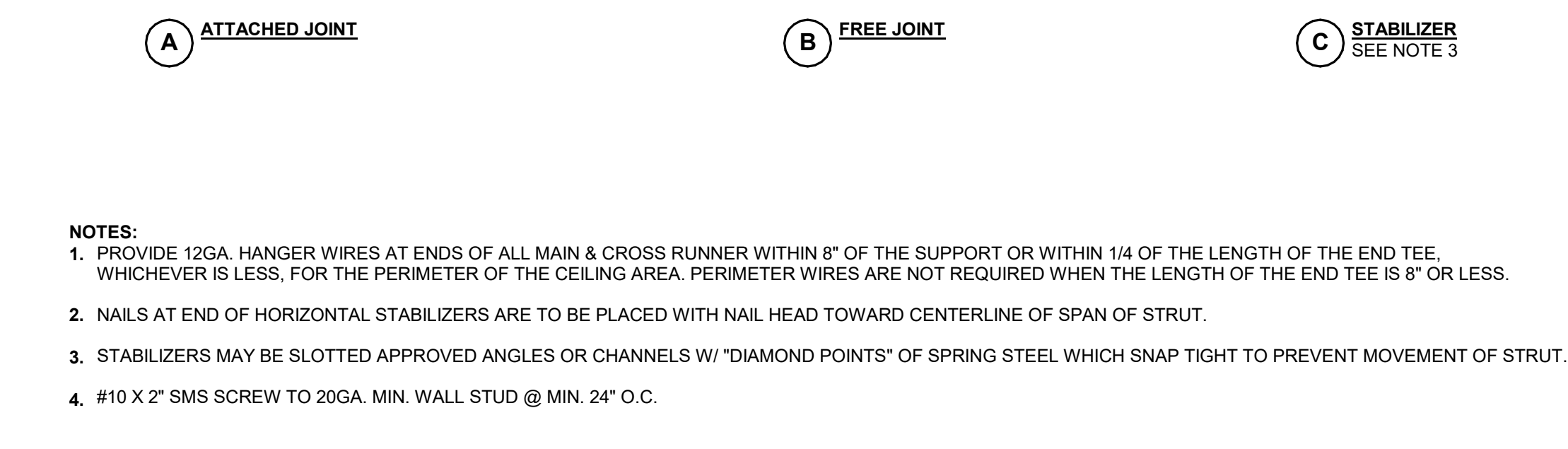
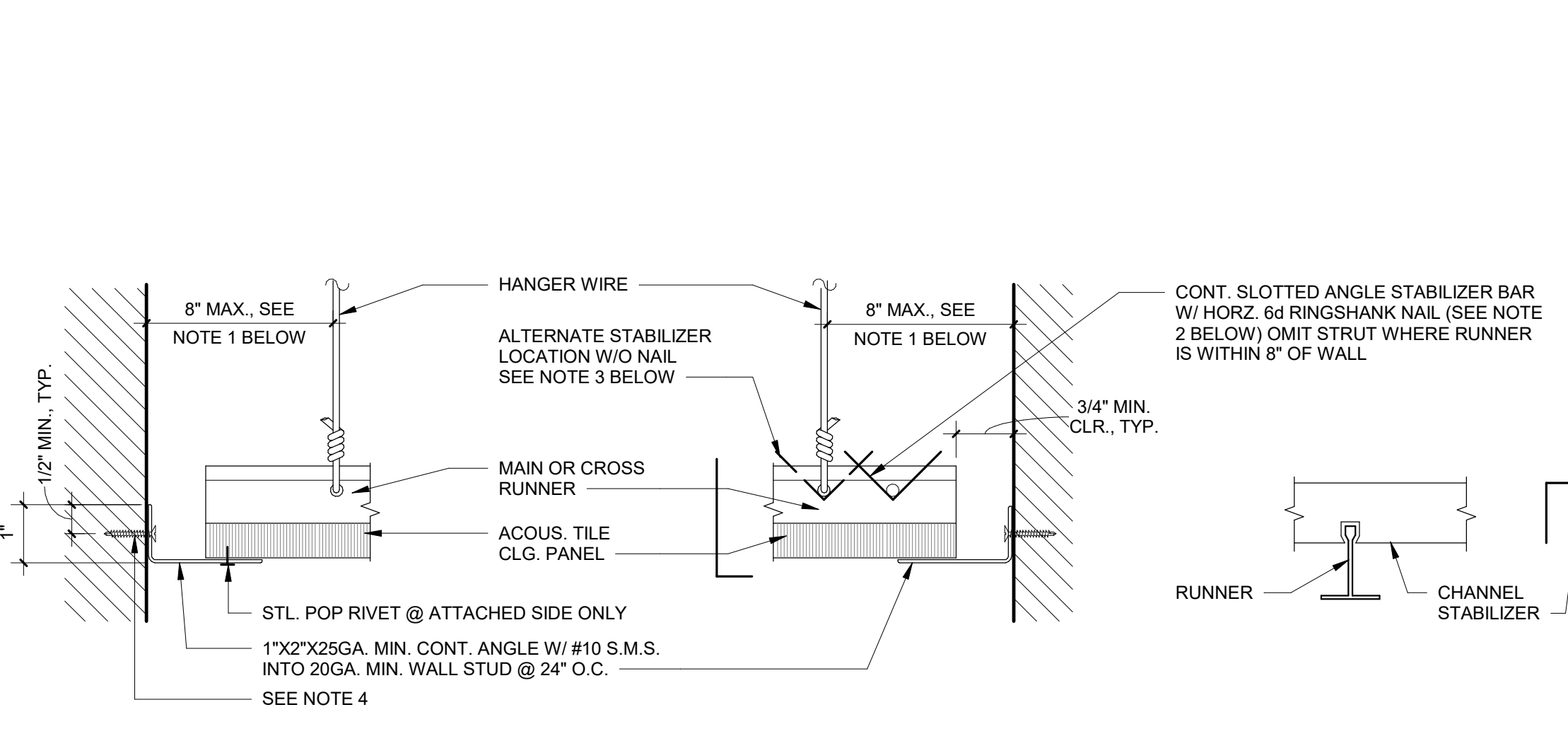
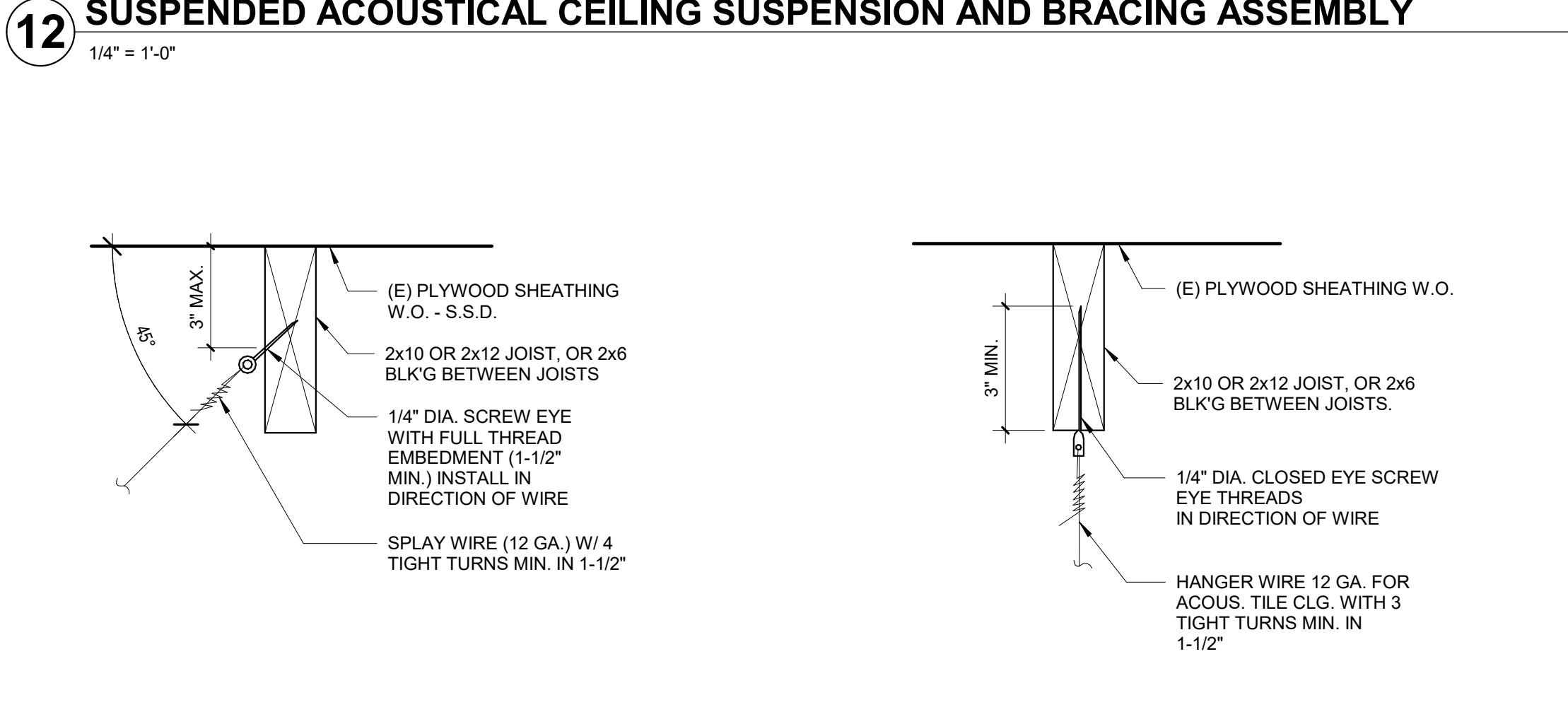
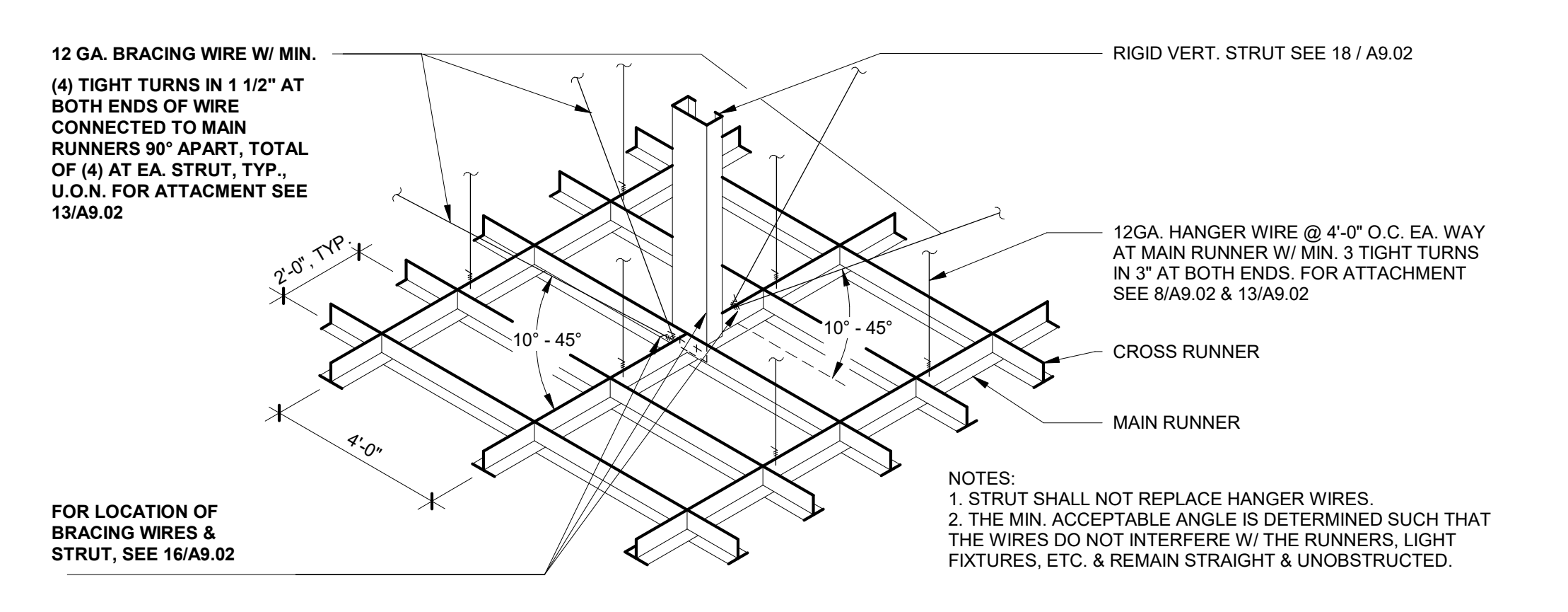
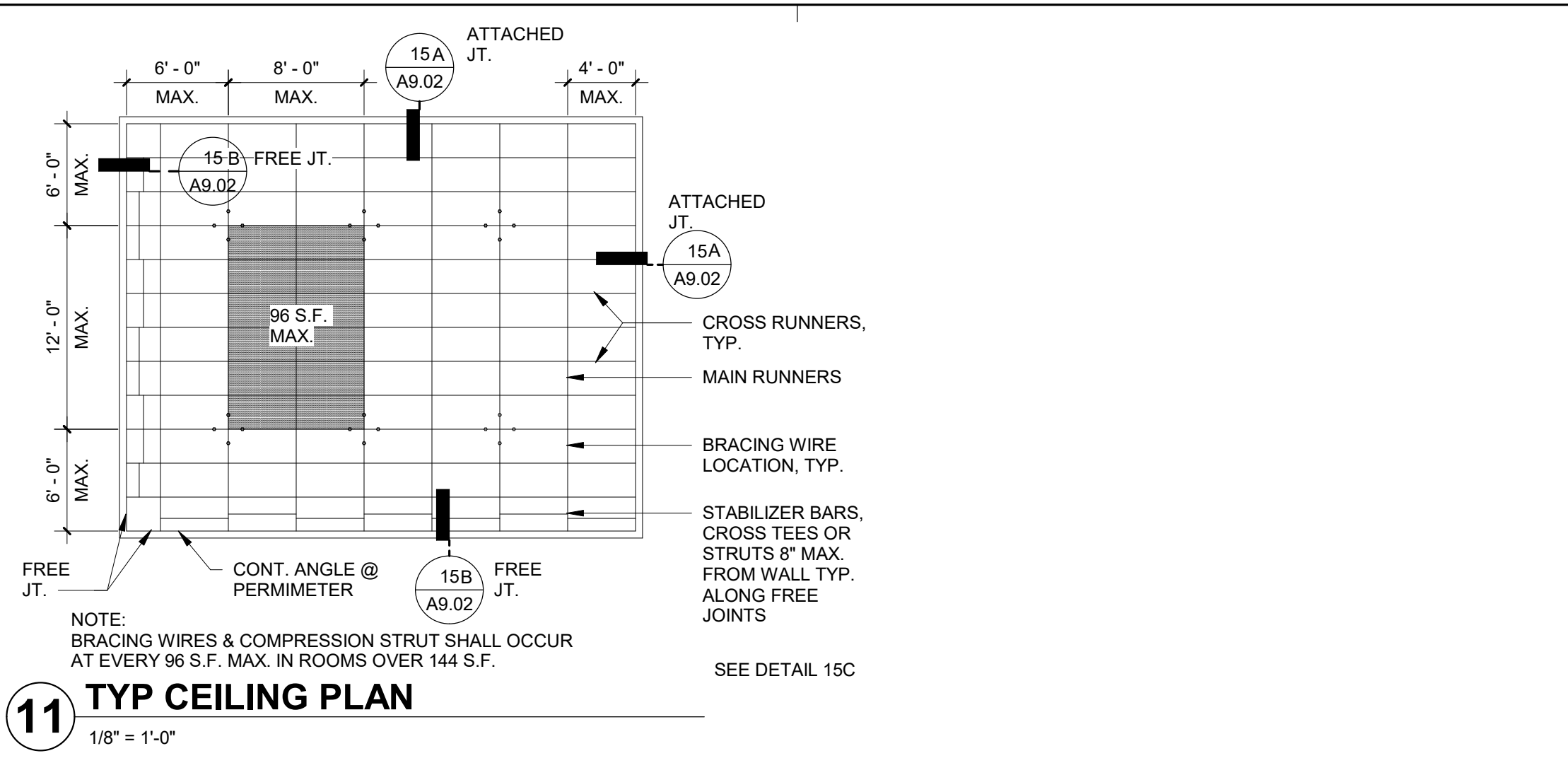
Project
AD BUILDING REMODEL

Sheet Title
**INTERIOR DETAILS -
SUSPENDED ACOUSTIC
CEILING DETAILS**

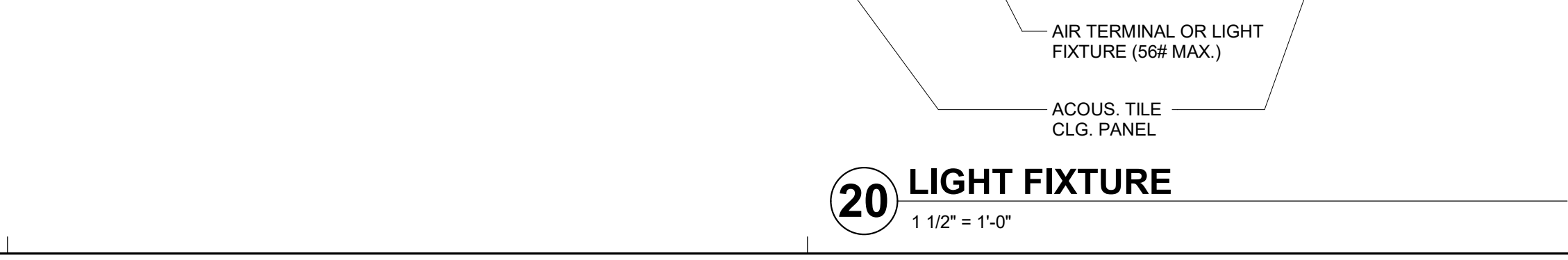
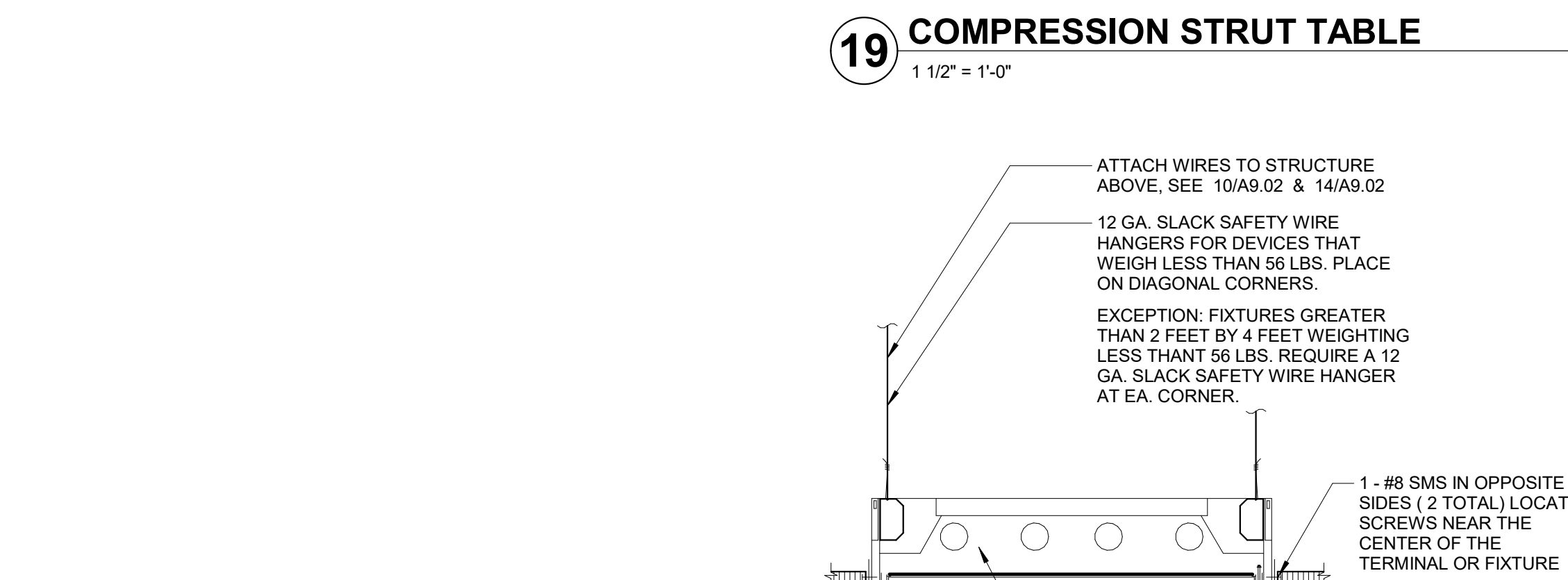
Client Project Number: _____ Client Proj. # _____
Scale: As indicated Sheet
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019 Sheet 21 of 68

CEILING NOTES (DSA IR 25-2.13)

- 1. CEILING SYSTEM GENERAL NOTES:**
1.01 Ceiling system components shall comply with ASTM C635-07 and Section 5.1 of ASTM E580-10a.
1.02 The ceiling grid system must be rated heavy duty as defined by ASTM C635-08.
1.03 Ceiling systems: See specifications for acceptable manufacturers and ceiling systems.
1.04 Seismic Wall Clip: No seismic wall clip specified.
1.05 Ceiling panels shall not support any light fixtures, air terminals or devices.
1.06 For ceiling installations utilizing acoustical tile panels of mineral or glass fiber, it is not mandatory to provide 1/2" clearance between the acoustical tile panels and the wall on the sides of the ceiling which are free to slip. For all other ceiling panel types, provide 1/2" clearance between the ceiling panel and the wall on the sides of the ceiling free to slip.
- 2. MATERIALS:**
2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641-09a. Wire shall be #12 gage (0.106" diameter) with soft temper and minimum tensile strength = 70 ksi.
2.02 Galvanized sheet steel (including that used for metal stud and track compression struts/post) shall conform to ASTM A653-11, or other equivalent sheet steel listed in Section A2.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members 2007, including supplement 2 dated 2010 (AISI S100-07/02-10). Material 43 mil (18 gage) and lighter shall have minimum yield strength of 33 ksi. Material 54 mil (16 gage) and heavier shall have a minimum yield strength of 50 ksi.
2.03 Electrical metallic tube (EMT) shall be ANSI C80.3UL, 797 carbon steel with G90 galvanizing. EMT shall have minimum yield strength (Fy) of 30 ksi and minimum ultimate strength (Fu) of 48 ksi.
- 3. ATTACHMENT OF HANGER AND BRACING WIRES:**
3.01 Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduits, etc.
3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to: piping, ductwork, conduit and equipment.
3.03 Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.
3.04 Slack safety wires shall be considered hanger wires for installation and testing requirements.
3.05 Hanger and bracing wire anchorage to the structure shall be installed in such a manner that the direction of the anchorage aligns closely with the direction of the wire. (e.g. bracing wire ceiling clips must be bent as shown in the details and rotated as required to align closely with the direction of the wire. screw eyes in wood must be installed so they align closely with the direction of the wire, etc.)
- 4. FASTENERS AND WELDING:**
4.01 Sheet metal screws shall comply with ASTM C1513-10, ASME B18.6.4-89 (R2005). Penetration of screws through joined material shall not be less than three exposed threads.
4.02 Expansion anchors shall be: HILTI KB-TZ ESR#1917
4.03 Power-Actuated Fasteners shall be: HILTI X-U ESR#2269
4.04 If not otherwise specified in the evaluation report, power-actuated fasteners installed in steel shall be installed so the entire pointed end of the fastener is driven through the steel member.
4.05 Power-actuated fasteners in concrete are not permitted for bracing wires.
4.06 Concrete reinforcement and prestressing tendons shall be located by non-destructive means prior to installing post - installed anchor.
4.07 Welding shall be in accordance with AWS D1.3 using E60XX series electrodes.
- 5. TESTING:** All field testing must be performed in the presence of the project inspector.
5.01 Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power actuated fasteners in concrete shall be field tested for 200 lbs. in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1910A.5.
5.02 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1910A.5.
- 6. LIGHT FIXTURES:**
6.01 All light fixtures shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the fixture. A minimum of two screws or approved fasteners are required at each light fixture, per ASTM E580, Section 5.3.1.
6.02 Surface-mounted light fixtures shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and be made of steel with a minimum thickness of #14 gage. Rotational spring catches do not comply. A #12 gage slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when light fixtures are eight (8) feet or longer or exceed 56 lb. Maximum spacing between supports shall not exceed eight (8) feet.
6.03 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
6.04 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
6.05 Light fixtures weighing greater than 10 lb. but less than or equal to 56 lbs. may be supported directly on the ceiling runners, but they shall have a minimum of two (2) #12 gage slack safety wires connected from the fixture housing at diagonal corners to the structure above. Exception: All light fixtures greater than two by four feet weighing less than 56 lbs. shall have a #12 gage slack safety wire at each corner.
6.06 All light fixtures weighing greater than 56 lb. shall be independently supported by not less than four (4) #12 gage hanger wires (one at each corner) attached from the fixture housing to the structure above or other approved hangers. The four (4) #12 gage wires or other approved hangers, including their attachment to the structure above, shall be capable of supporting four (4) times the weight of the fixture.
- 7. SERVICES WITHIN THE CEILING:**
7.01 All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or approved fasteners are required. A minimum of two attachments are required at each component.
7.02 Ceiling-mounted air terminals or other services weighing less than or equal to 20 lb. shall have one (1) #12 gage slack safety wire attached from the terminal or service to the structure above.
7.03 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 lb. but less than or equal to 56 lb. shall have two (2) #12 gage slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.
7.04 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 lb. shall be supported directly from the structure above by not less than four (4) #12 gage hanger wires attached from the terminal or service to the structure above or other approved hangers.
- 8. OTHER DEVICES WITHIN THE CEILING:**
8.01 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 lbs. shall have a #12 gage slack safety wire anchored to the structure above. Devices weighing more than 20 lb. shall be supported independently from the structure above.

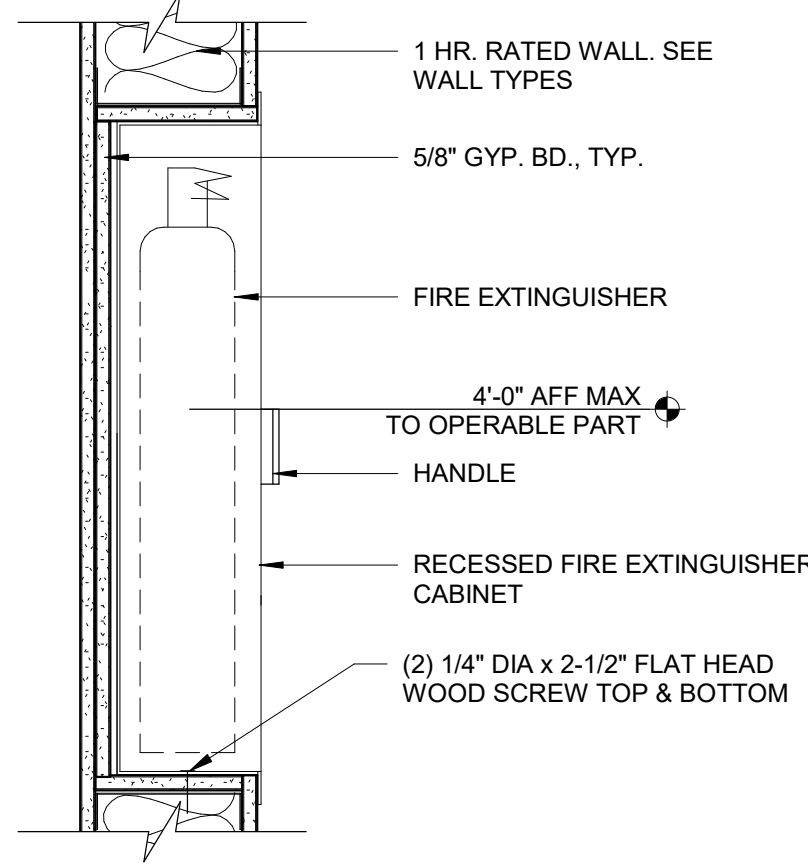


CHANNEL COMPRESSION STRUT	MAXIMUM LENGTH
250S125-33	5' - 0"
250S137-33	6' - 10"
362S137-33	8' - 0"
250137-43	8' - 10"
400S137-43	10' - 10"

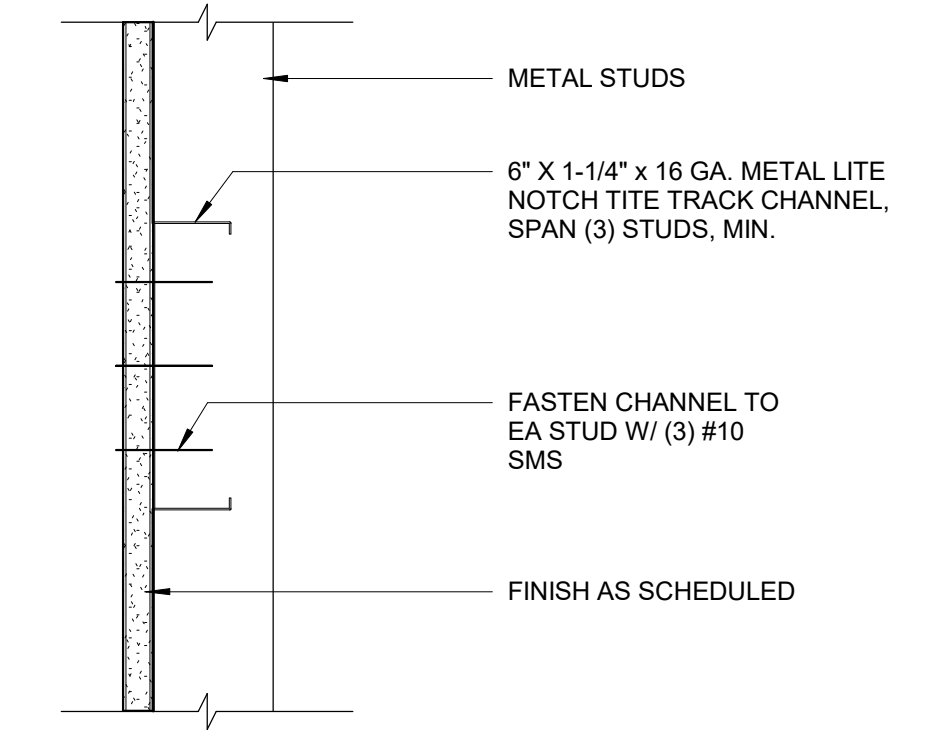


Revisions	Delta	Date	Revisions	By

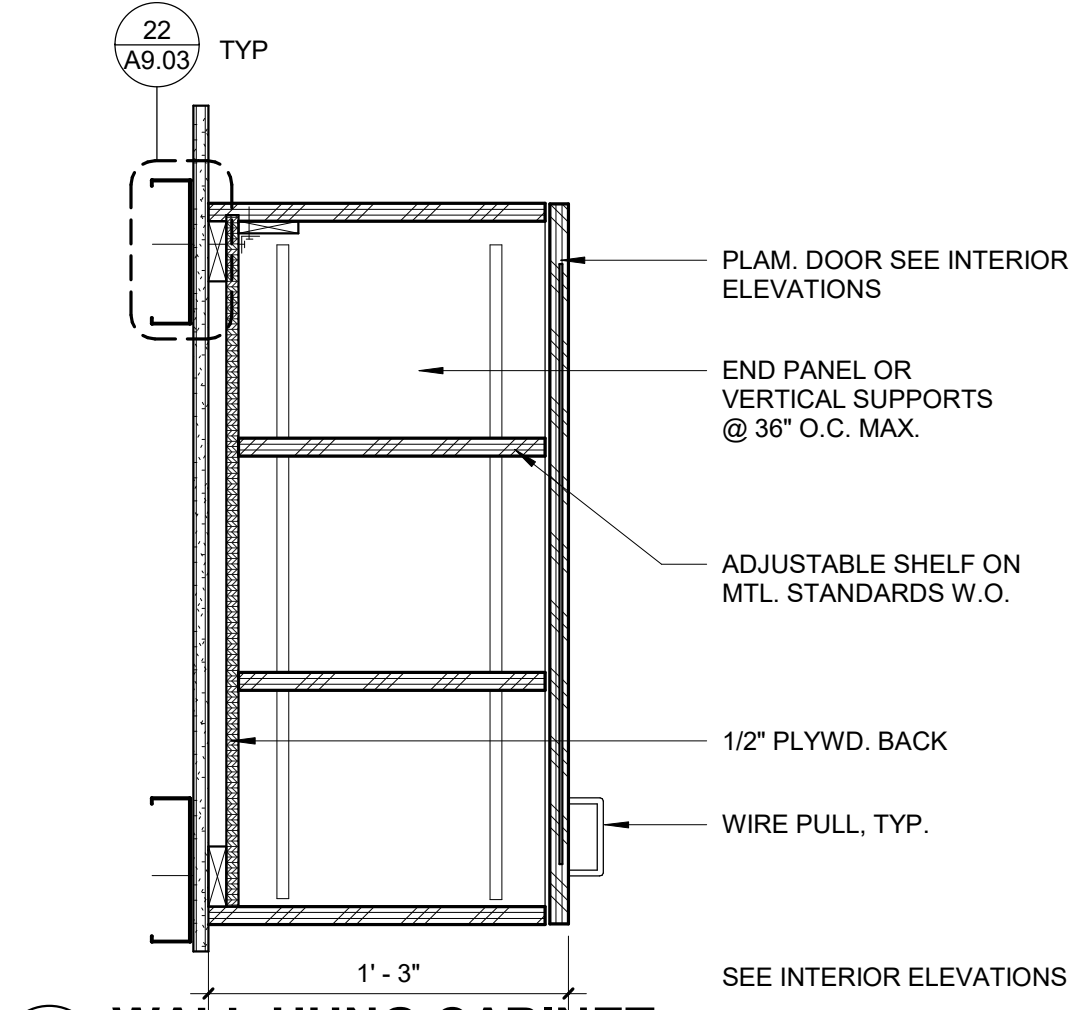
DSA SUBMITTAL
ISSUE DATE: _____ ISSUE DATE: _____ BY: INITIALS



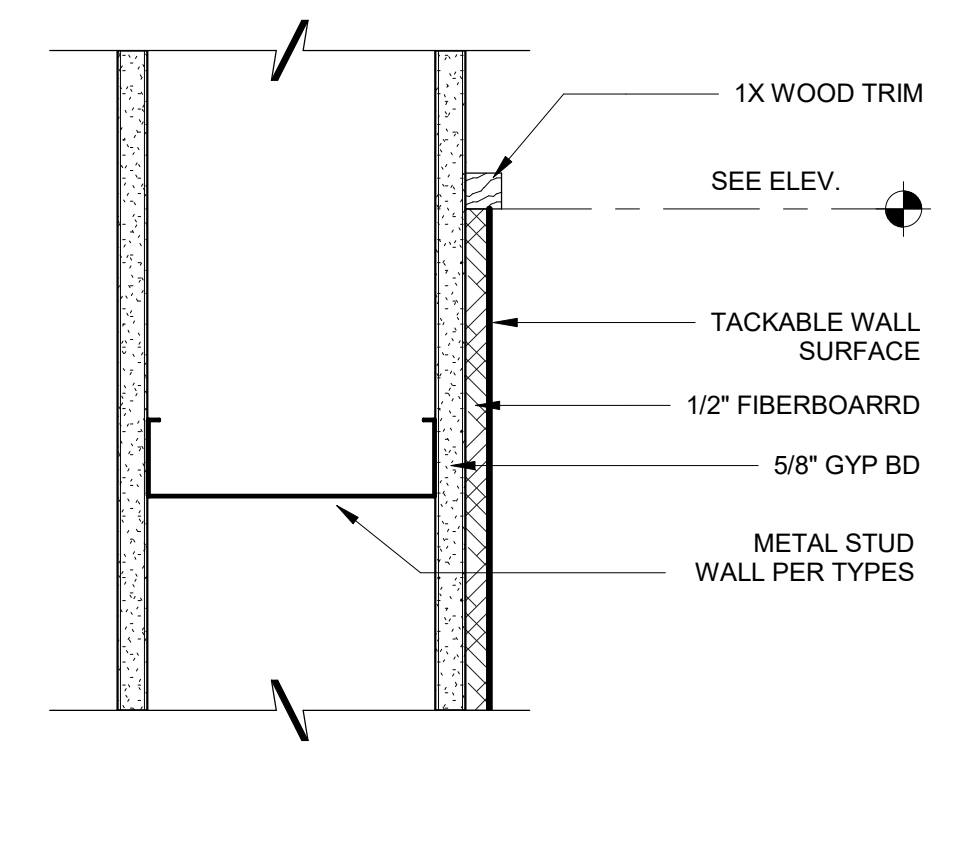
27 RECESSED F.E.C. - RATED
1 1/2" = 1'-0"



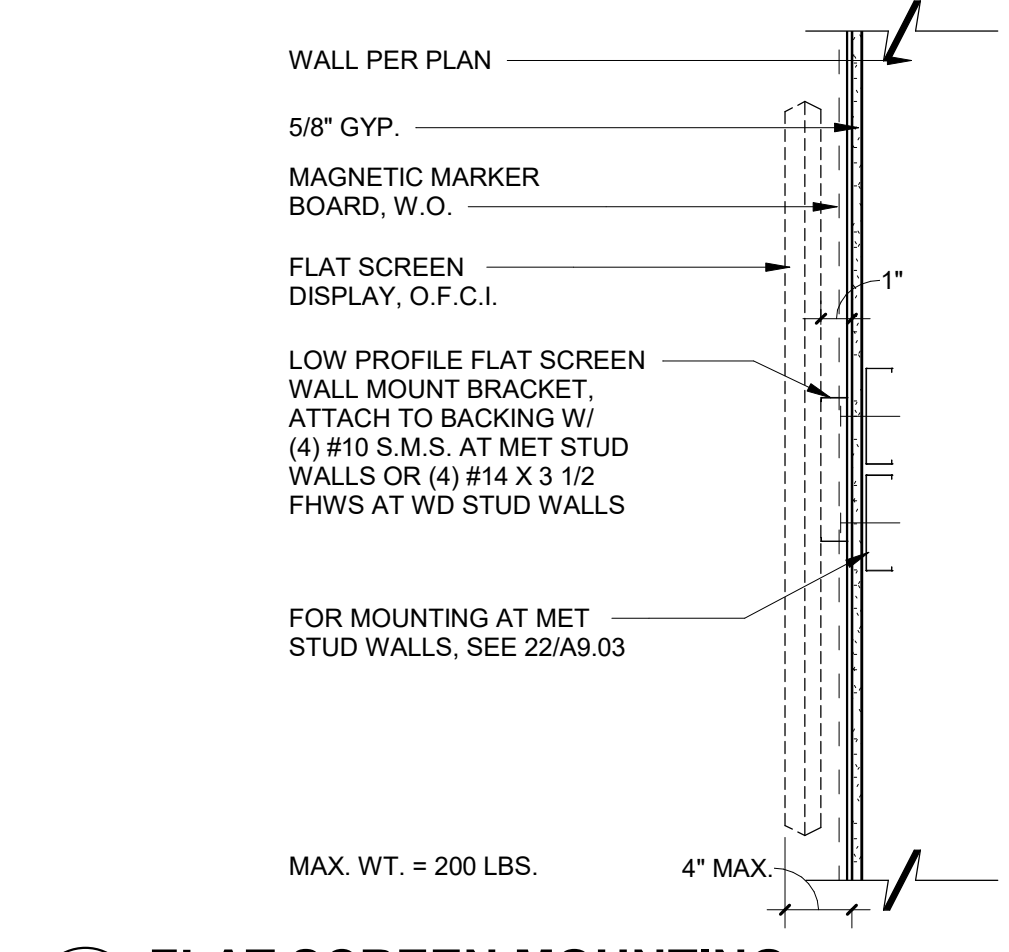
22 TYP BACKING AT METAL FRAMING
3" = 1'-0"



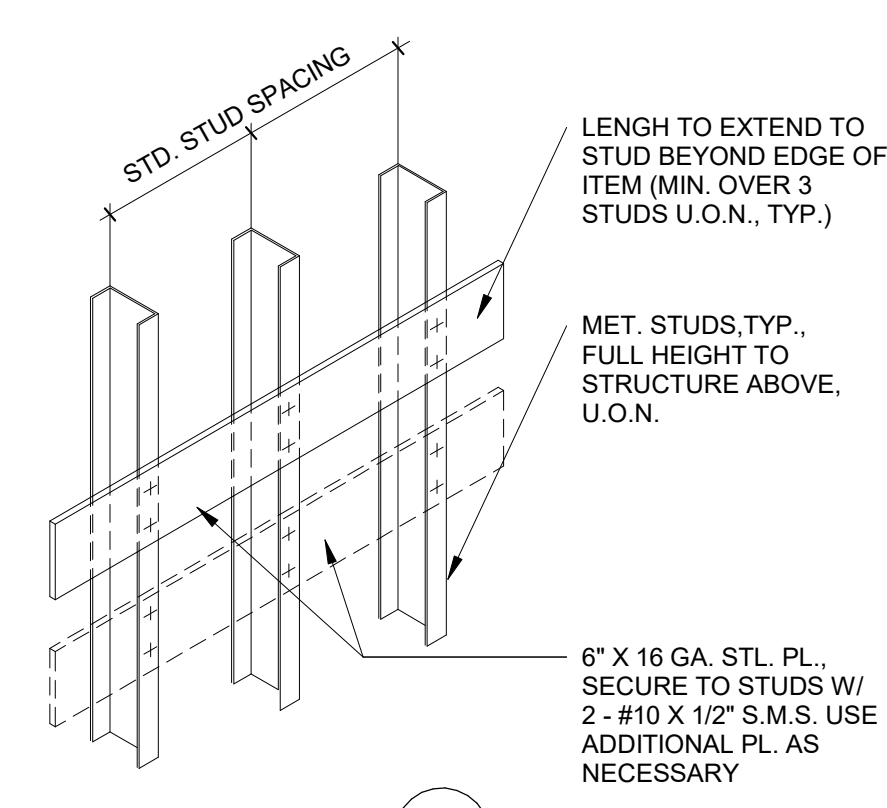
12 WALL HUNG CABINET
1 1/2" = 1'-0"



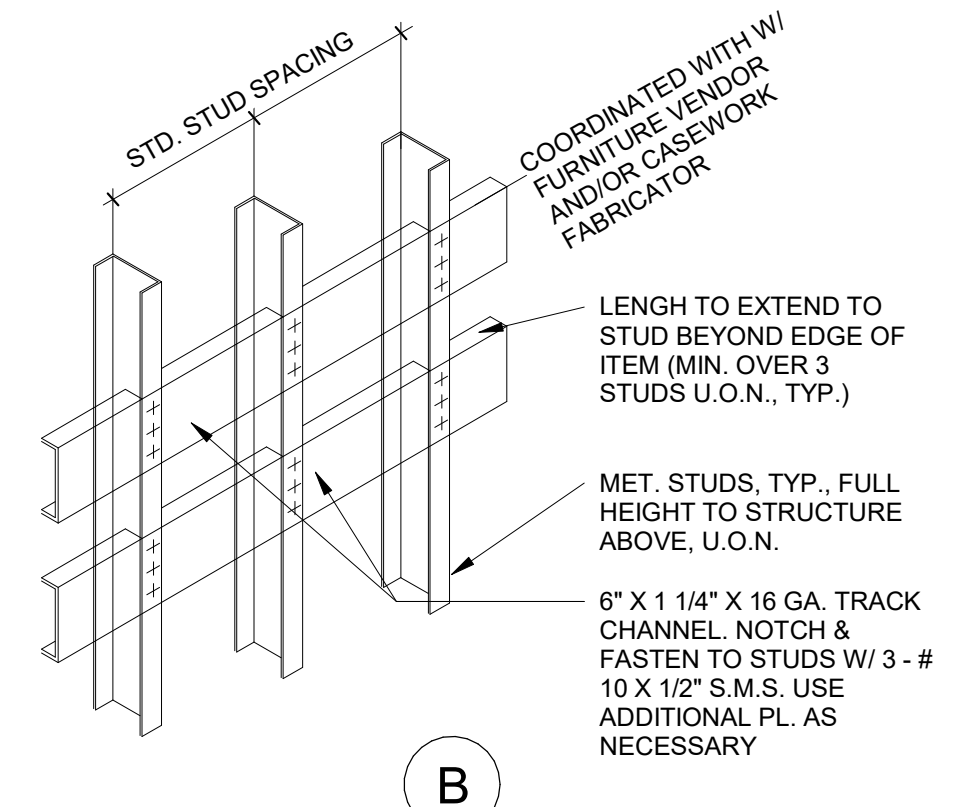
7 TACKABLE WALL DETAIL
3" = 1'-0"



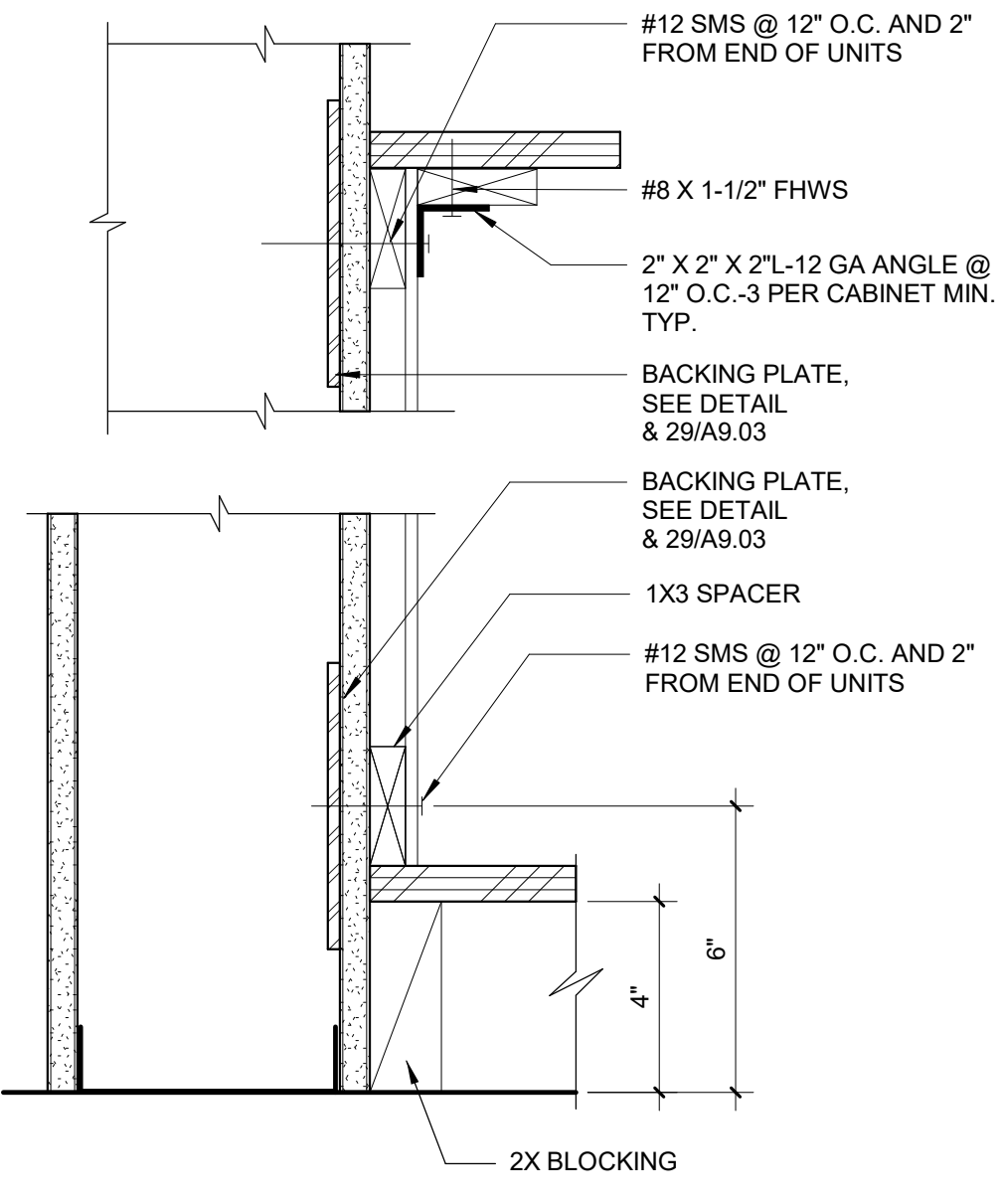
2 FLAT SCREEN MOUNTING
1" = 1'-0"



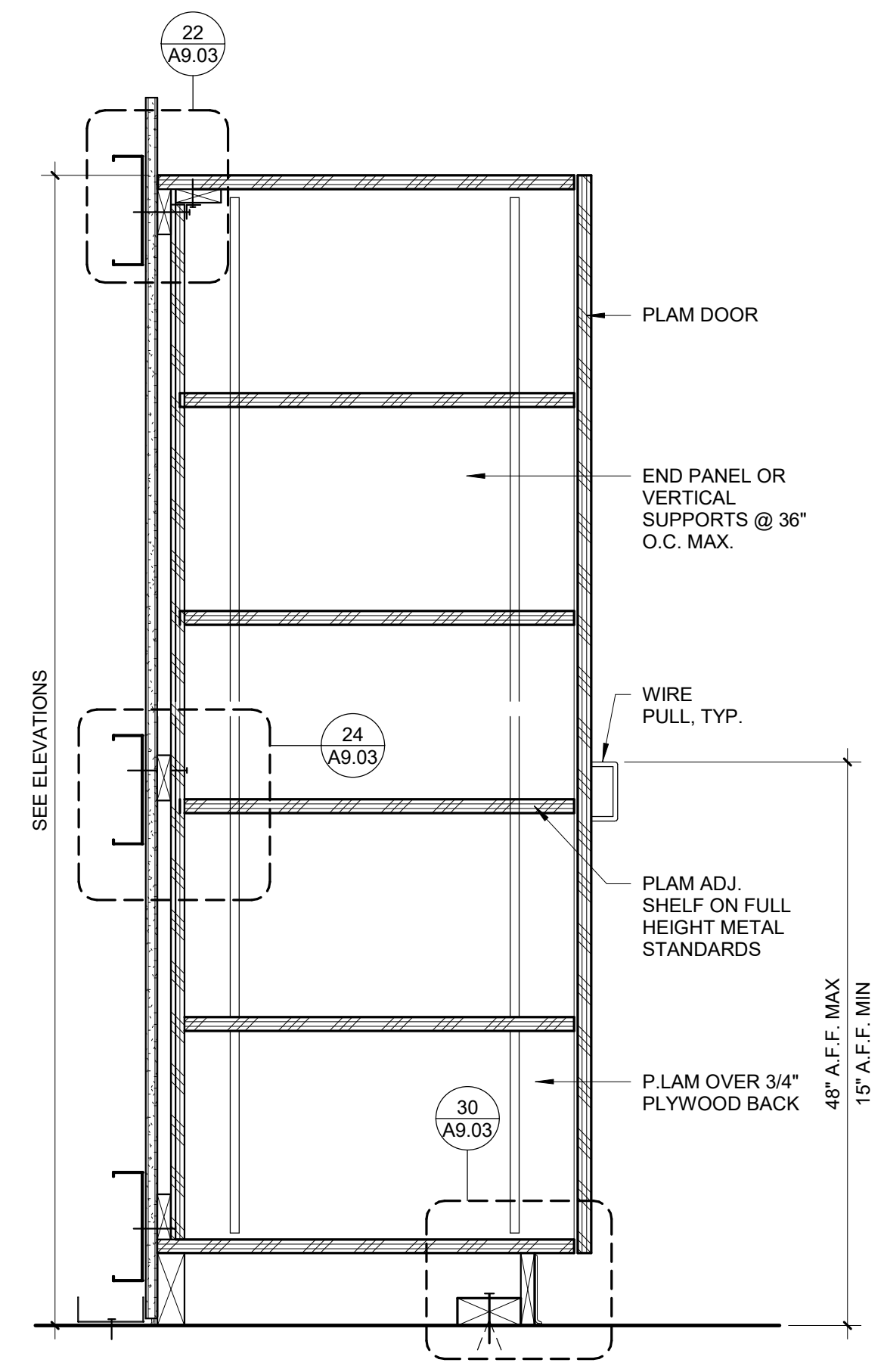
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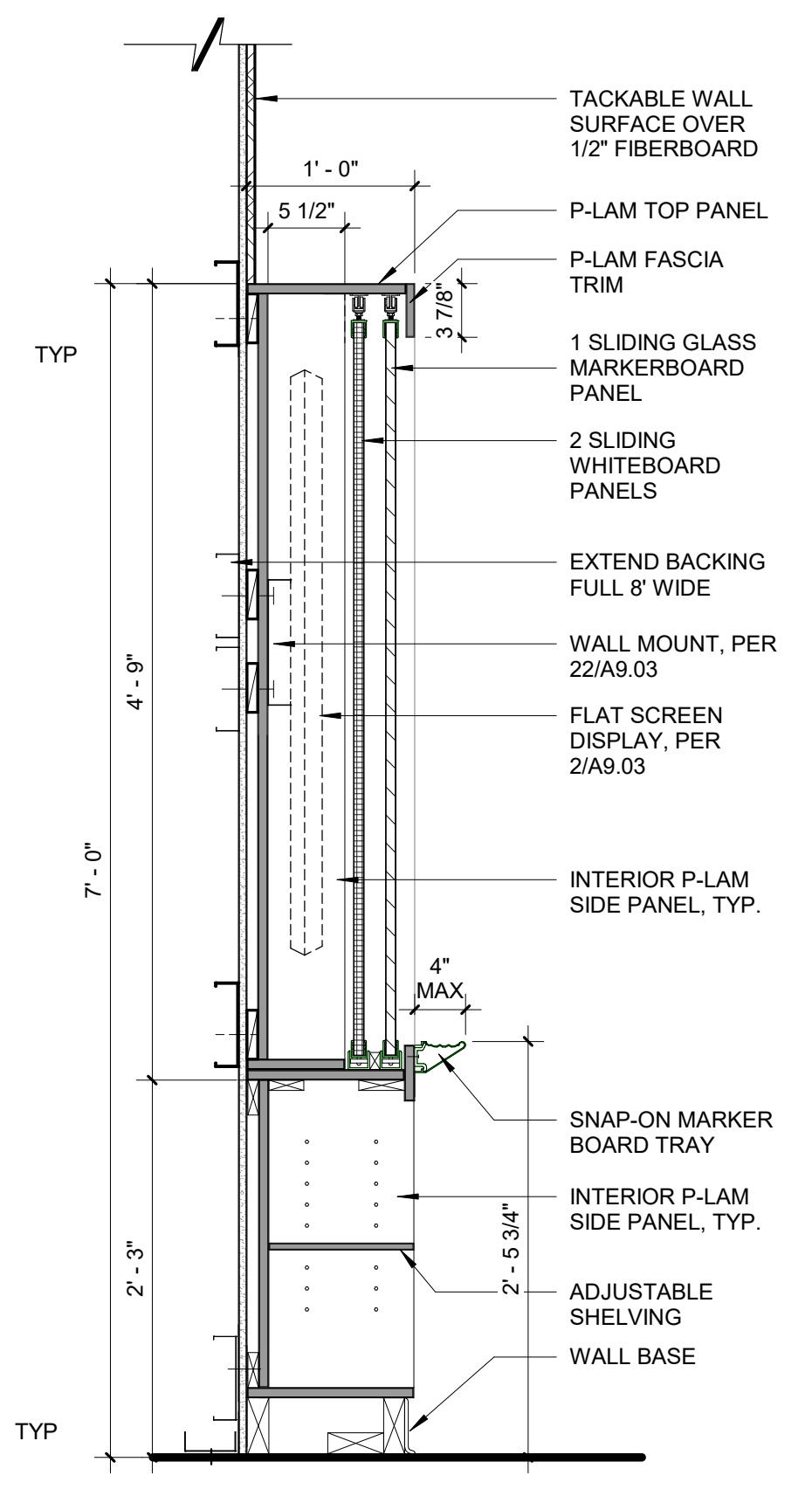
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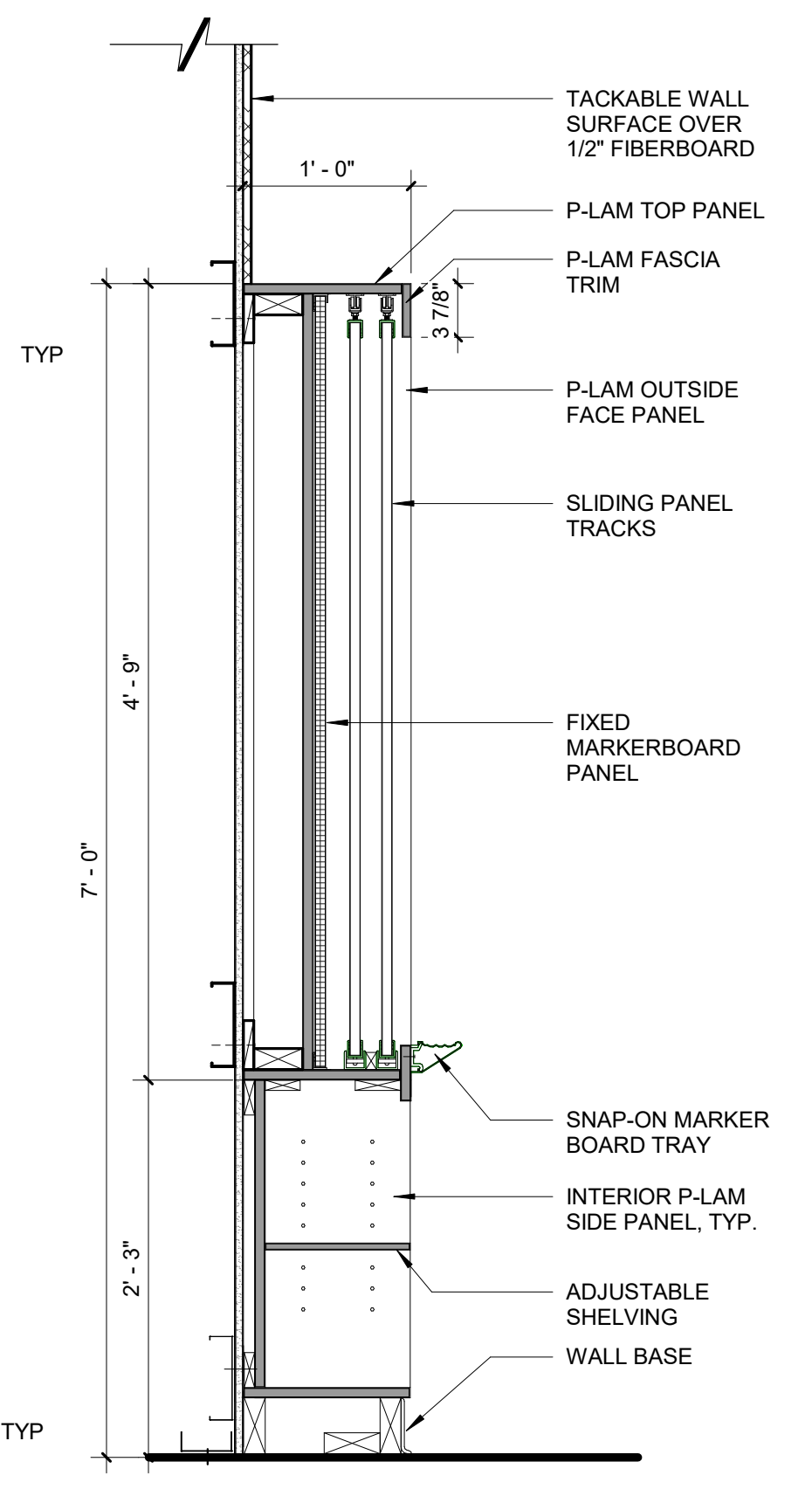
24 ANCHORAGE @ BASE/TALL CAB - MTL
3" = 1'-0"



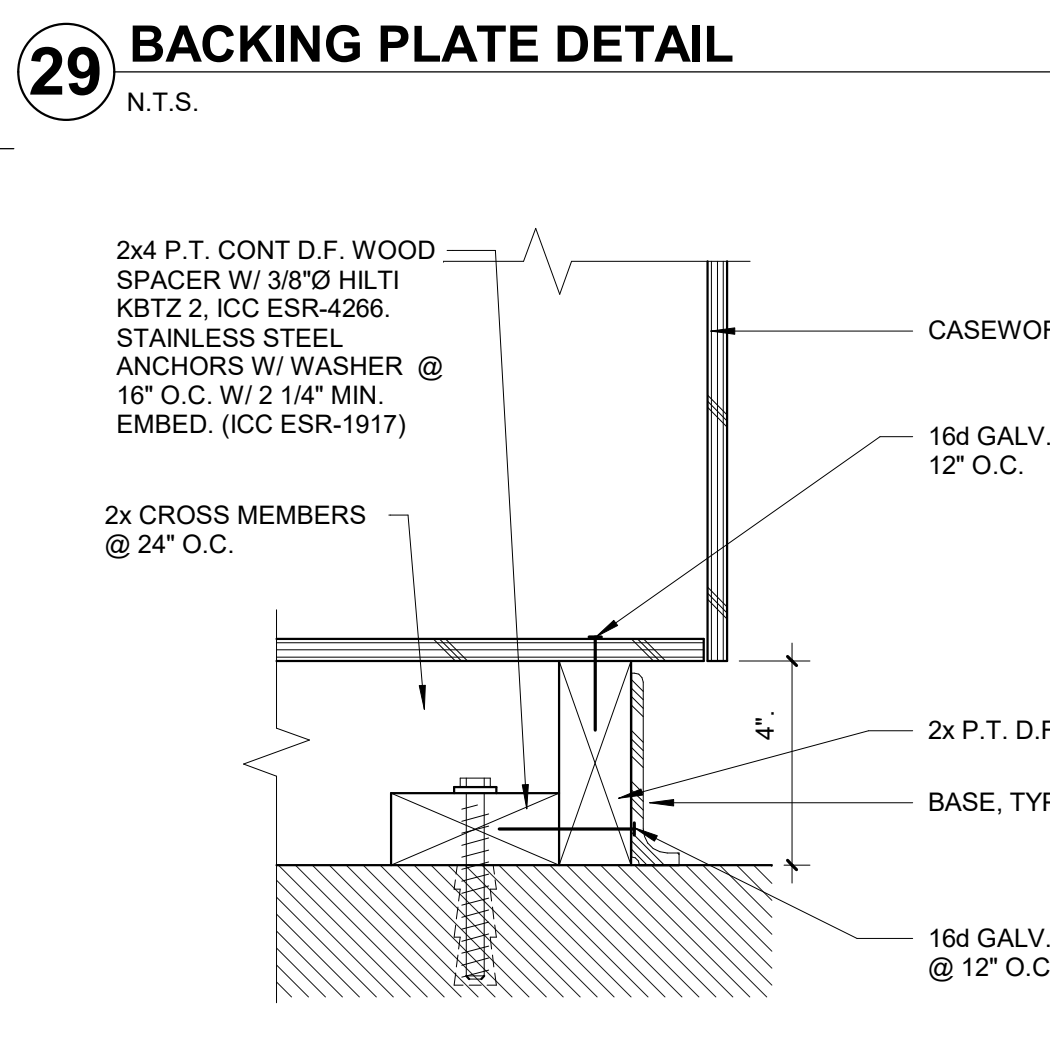
14 TALL STORAGE CABINET
1 1/2" = 1'-0"



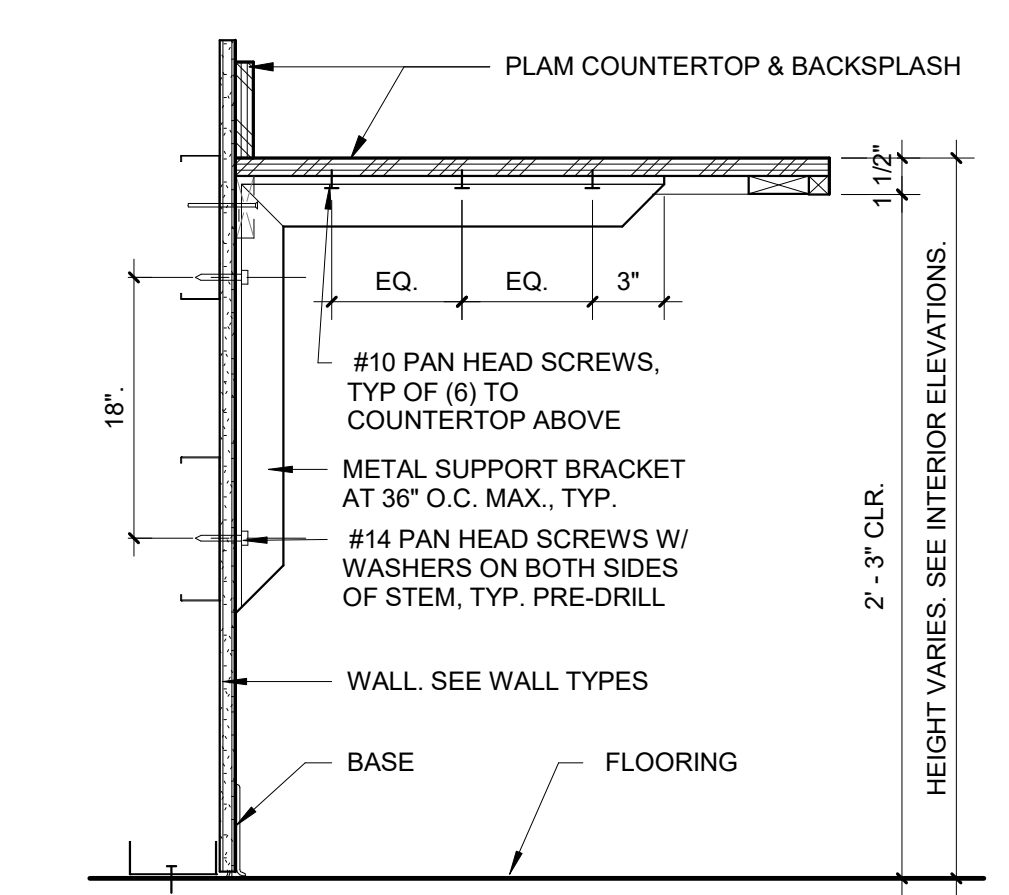
A. SECTION THROUGH CENTER SECTION



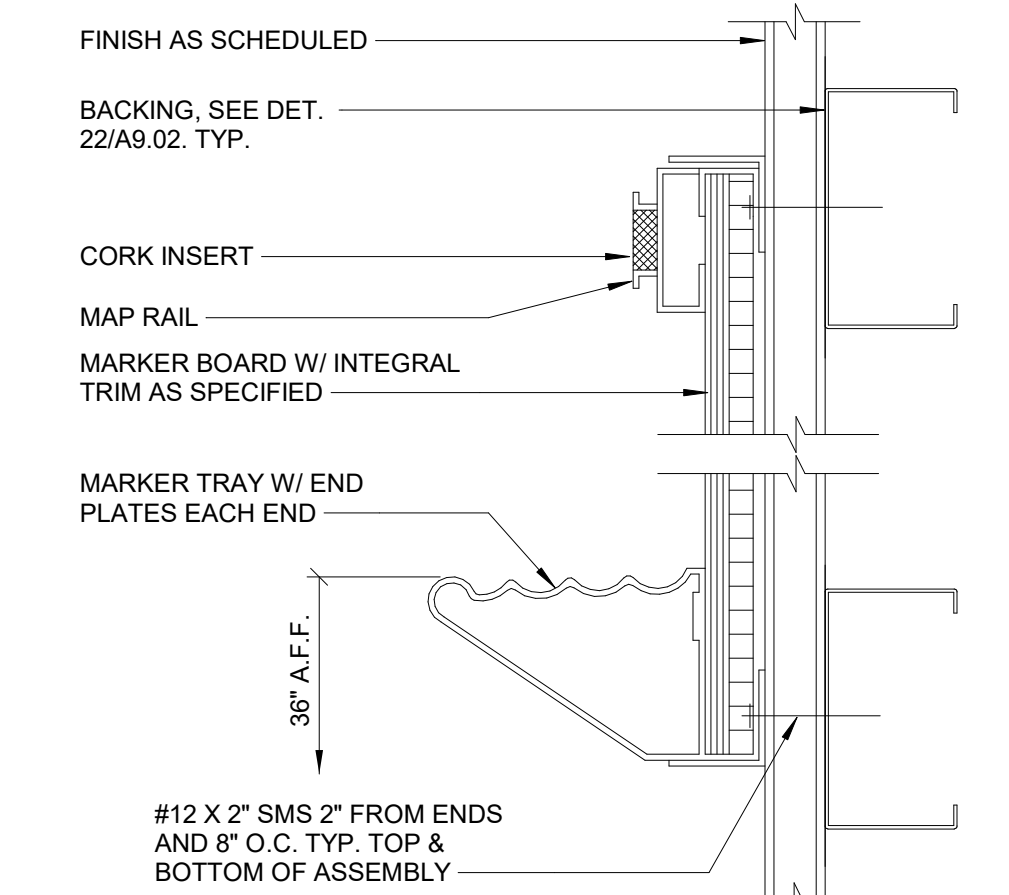
B. SECTION THROUGH SIDE SECTION



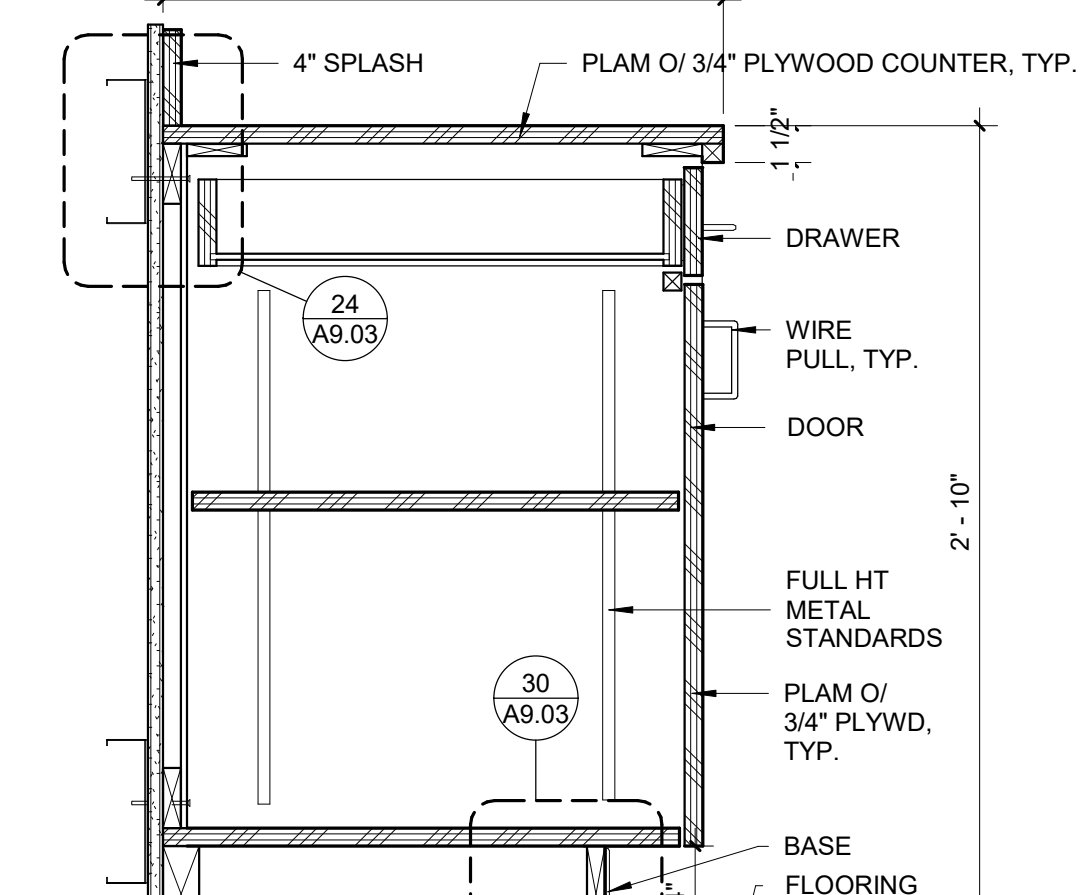
29 BACKING PLATE DETAIL
N.T.S.



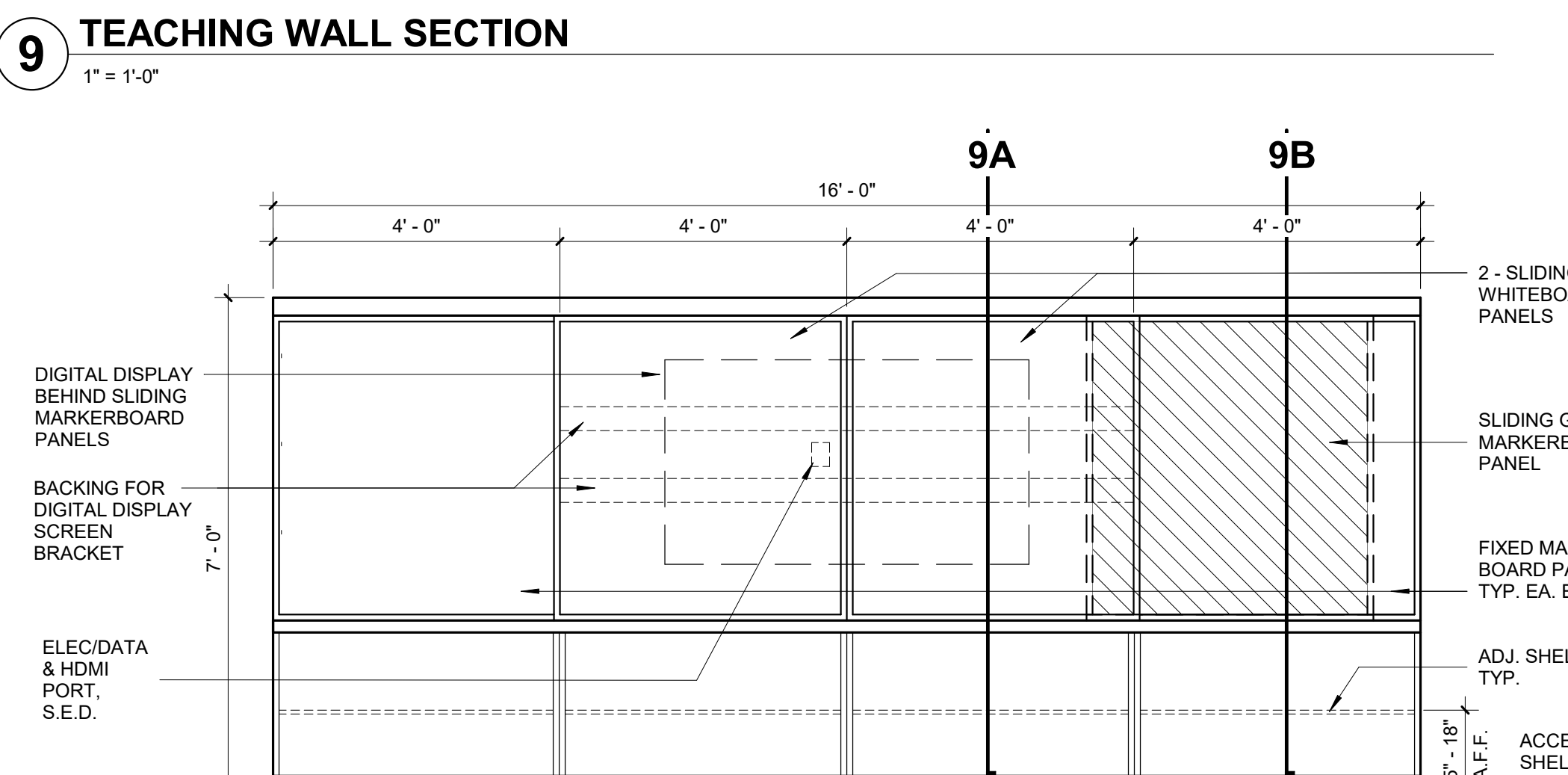
25 COUNTER
1 1/2" = 1'-0"



20 MARKER BOARD MOUNTING
6" = 1'-0"



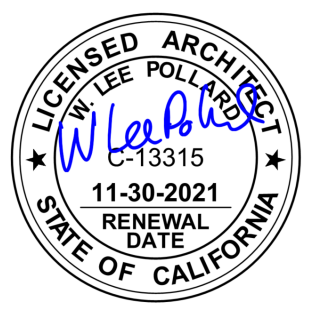
15 BASE CABINET
1 1/2" = 1'-0"



9 TEACHING WALL SECTION
1" = 1'-0"

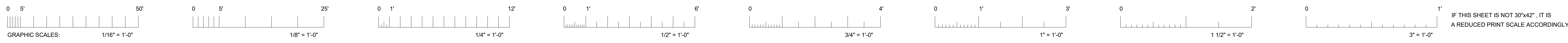
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Architect/Engineer Of Record:
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HY Architects Project number: 5561
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901
Project: AD BUILDING REMODEL
Sheet Title: INTERIOR DETAILS
Client Project Number: _____ Client Proj. # _____
Scale: As indicated
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019
Sheet 22 of 68

A9.03



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119449 INC.
REVIEWED FOR
SS FLS ACS
DATE: 07/26/2021

GENERAL NOTES

FOR DOOR NUMBER, OPERATION AND HANDLING, REFER TO FLOOR PLANS

PROVIDE TEMPERED OR SAFETY GLAZING AT GLAZED DOORS AND SIDELITES

PROVIDE DOOR THRESHOLDS THAT DO NOT EXCEED 1/2" HEIGHT. CHANGES IN HEIGHT OF UP TO 1/4" MAY BE VERTICAL. BEVELED AT A SLOPE OF 2 HORIZONTAL TO 1 VERTICAL. CHANGES IN VERTICAL HEIGHT BETWEEN 1/4" AND 1/2".

PROVIDE CLOSER OPENING FORCE NOT TO EXCEED 5 LBS AT INTERIOR ACCESSIBLE DOORS AT PUBLIC USE FACILITIES (CHAPTER 11B).

PROVIDE EXIT DOOR HARDWARE THAT CAN BE OPENED FROM THE INSIDE WITHOUT KEY, SPECIAL KNOWLEDGE OR EFFORT.

MANUALLY-OPERATED EDGES OR SURFACE-MOUNTED FLUSH BOLTS ARE NOTE PERMITTED AT EXIT DOORS.

SALVAGED DOORS AND FRAMES THAT ARE TO BE RELOCATED ARE TO BE REVIEWED BY THE SCHOOL DISTRICT FOR APPROVAL OF RE-USE CONDITION.



Delta	Date	Revisions	By

KEYNOTES

DSA SUBMITTAL

ISSUE DATE: _____ ISSUE DATE: _____ BY: INITIALS

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	COMMENTS
				NORTH	EAST	SOUTH	WEST		
139	CLASSROOM 5	F1	B1	W1	W1	W1	W1	C2	
140	CLASSROOM 4	F1	B1	W1	W1	W1	W1	C2	
141	BREAKOUT/ LEARNING SPACE 2	F1	B1	W1	W1	W1	W1	C2	
142	BREAKOUT/ LEARNING SPACE 1	F1	B1	W1	W1	W1	W1	C2	
144	CLASSROOM 1	F1	B1	W1	W1	W1	W4	C2	
145	CLASSROOM 2	F1	B1	W1	W4	W1	W1	C2	
146	CLASSROOM 3	F1	B1	W1	W1	W1	W1	C2	
147	TEACHER SPACE	F1	B1	W1	W1	W1	W1	C2	EXISTING CONDITION, REPAIR SCOPE ONLY
148	STORAGE	F1	B1	W1	W1	W1	W1	C2	EXISTING CONDITION, REPAIR SCOPE ONLY
149	COPY ROOM	F1	B1	W1	W1	W1	W1	C2	EXISTING CONDITION, REPAIR SCOPE ONLY
152	STORAGE	F1	B1	W1	W1	W1	W1	C2	
153	HALL	F1	B1	W1	W1	W1	W1	C2	WALL AND CEILING REPAIR SCOPE.

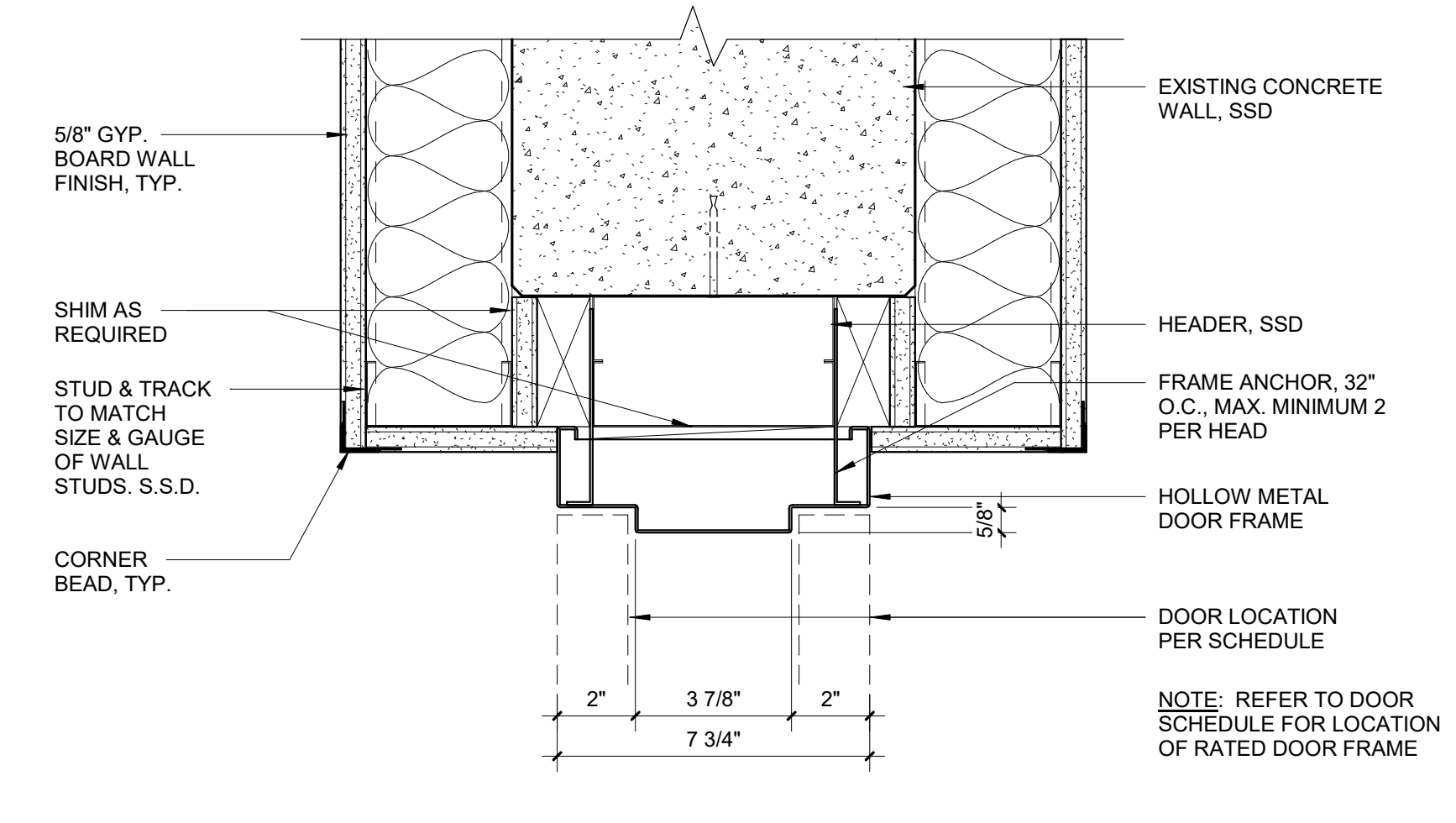
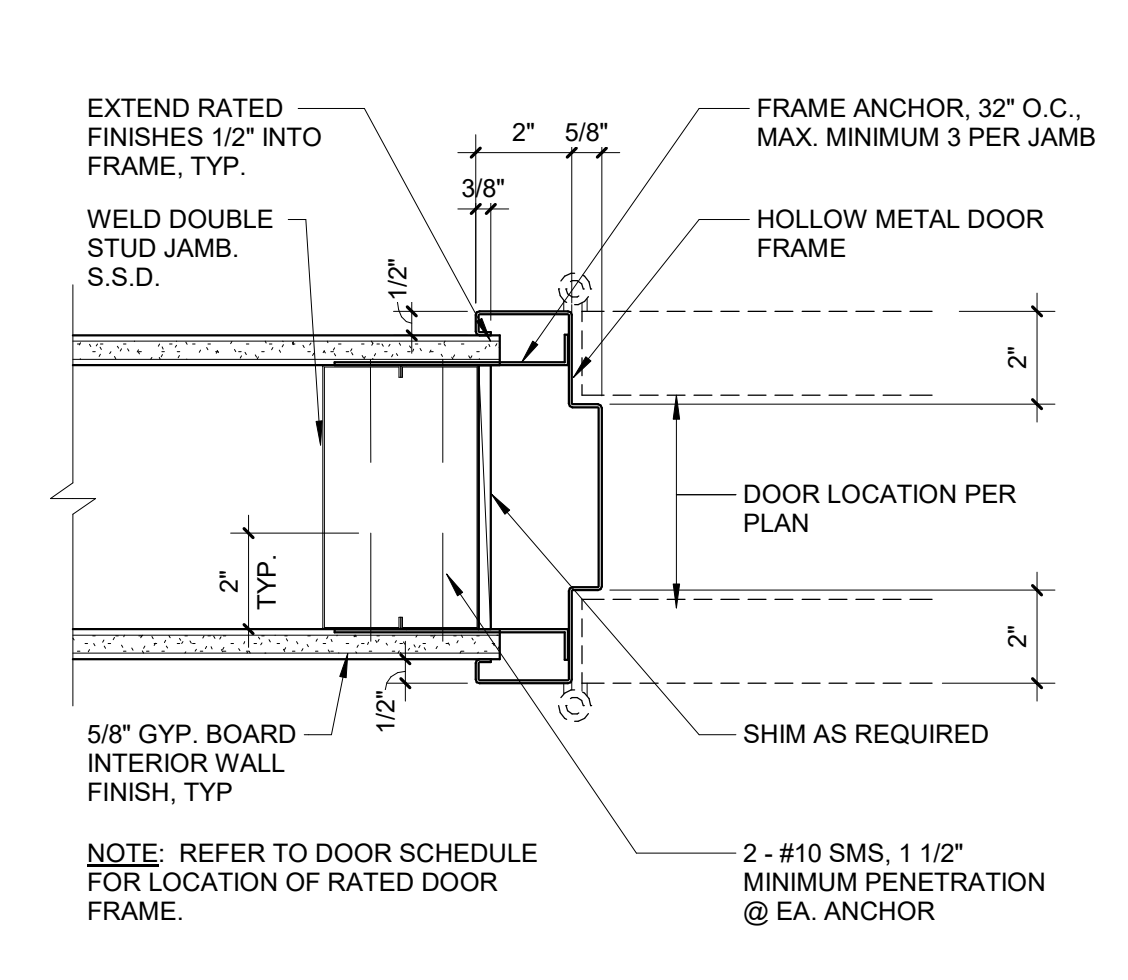
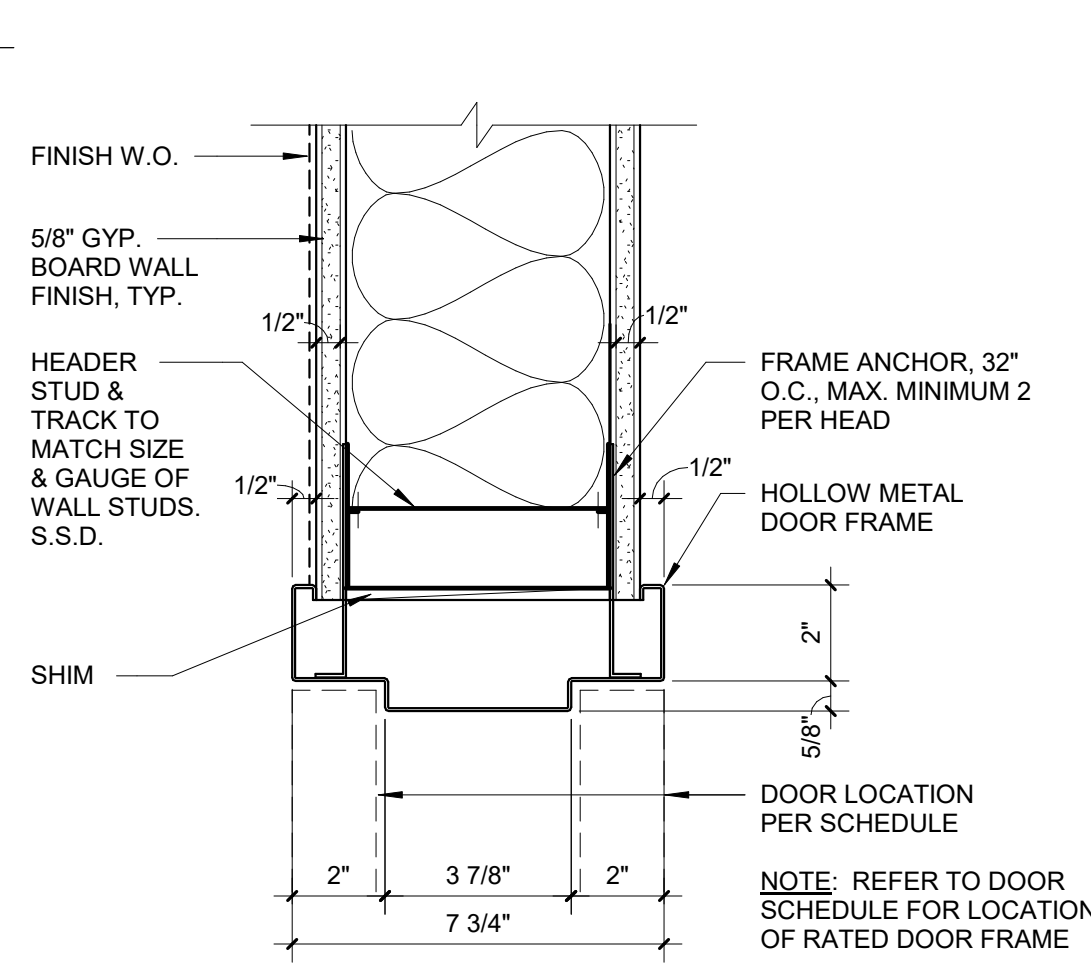
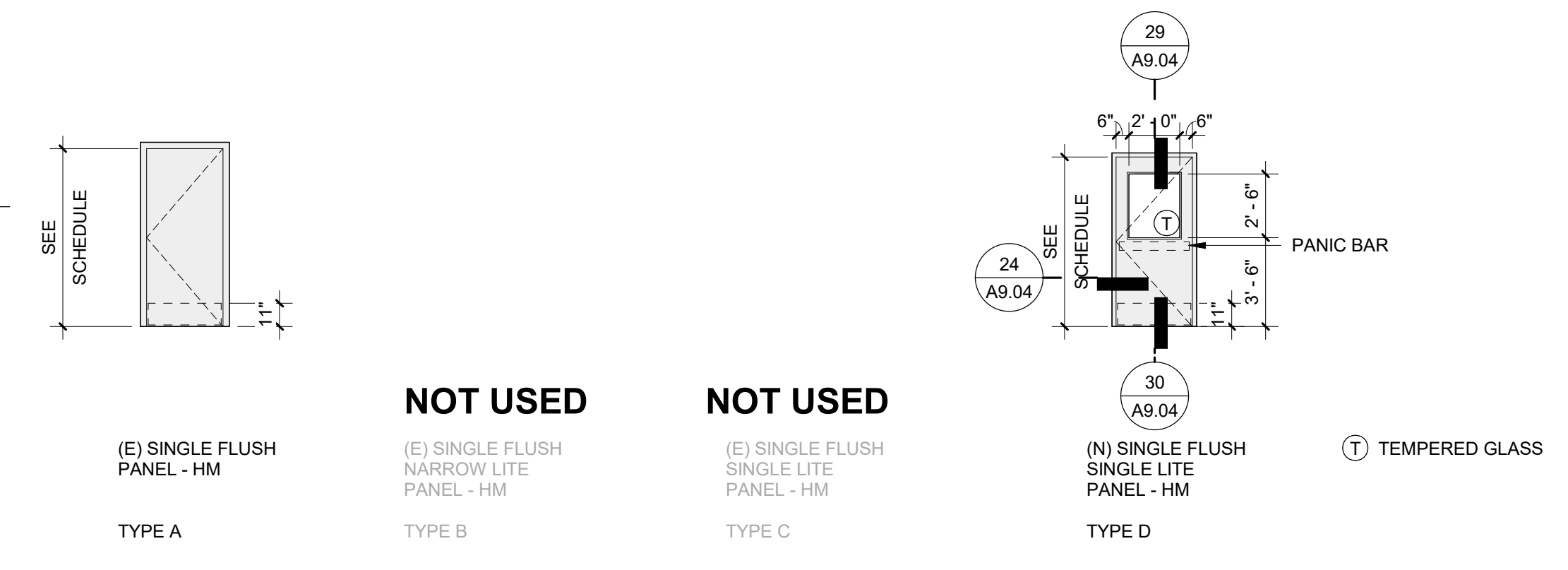
FINISH SCHEDULE KEY

TAG	DESCRIPTION
F1	FLOOR RESILIENT FLOORING
B1	BASE RUBBER
W1	WALL GYPSUM BOARD, PAINT 1
W2	GYPSUM BOARD, PAINT 2
W3	CERAMIC TILE
W4	MARKER BOARD (OPERABLE PARTITION)
C2	CEILING ACOUSTICAL CEILING TILE

DOOR SCHEDULE

Room Name	DOOR #	OPENING DOOR SIZE			Fire Rating	TYPE	DOOR		FRAME			DETAILS			HDWR GROUP	COMMENTS
		WIDTH	HEIGHT	THICKNESS			MATERIAL	FINISH	MATL	FIN	HEAD	JAMB	SILL			
CLASSROOM 5	139	3'-0"	6'-8"	1 3/4"	90 MIN	D	MTL	PAINTED	MTL	PAINTED	NA	NA	30/A9.03	02	(N) DOOR @ (E) FRAME	
CLASSROOM 4	140A	3'-0"	6'-8"	1 3/4"	90 MIN	D	MTL	PAINTED	MTL	PAINTED	29/A9.03	24/A9.03	30/A9.03	03	(N) DOOR @ (N) FRAME	
CLASSROOM 4	140B	3'-0"	6'-8"	1 3/4"	90 MIN	D	MTL	PAINTED	MTL	PAINTED	29/A9.03	24/A9.03	30/A9.03 SIM	03	(N) DOOR @ (N) FRAME	
BREAKOUT 2	141	3'-0"	6'-8"	1 3/4"	NA	D	MTL	PAINTED	MTL	PAINTED	29/A9.03	24/A9.03	30/A9.03 SIM	02	(N) DOOR @ (N) FRAME	
BREAKOUT 1	142	3'-0"	6'-8"	1 3/4"	NA	D	MTL	PAINTED	MTL	PAINTED	NA	NA	30/A9.03 SIM	02	(N) DOOR @ (E) FRAME	
CLASSROOM 1	144	3'-0"	6'-8"	1 3/4"	90 MIN	D	MTL	PAINTED	MTL	PAINTED	NA	NA	30/A9.03 SIM	03	(N) DOOR @ (E) FRAME	
CLASSROOM 2	145	3'-0"	6'-8"	1 3/4"	90 MIN	D	MTL	PAINTED	MTL	PAINTED	29/A9.03	24/A9.03	30/A9.03 SIM	03	(N) DOOR @ (N) FRAME	
CLASSROOM 3	146	3'-0"	6'-8"	1 3/4"	90 MIN	D	MTL	PAINTED	MTL	PAINTED	NA	NA	30/A9.03 SIM	02	(N) DOOR @ (E) FRAME	
STORAGE	152	3'-0"	6'-8"	1 3/4"	NA	A	MTL	PAINTED	MTL	PAINTED	29/A9.03	24/A9.03	30/A9.03 SIM	04	SALVAGE (E) DOOR & (E) FRAME FROM DEMO AREA	
HALL	153	3'-0"	6'-8"	1 3/4"	90 MIN	D	MTL	PAINTED	MTL	PAINTED	NA	NA	30/A9.03	01	(N) DOOR @ (E) FRAME	

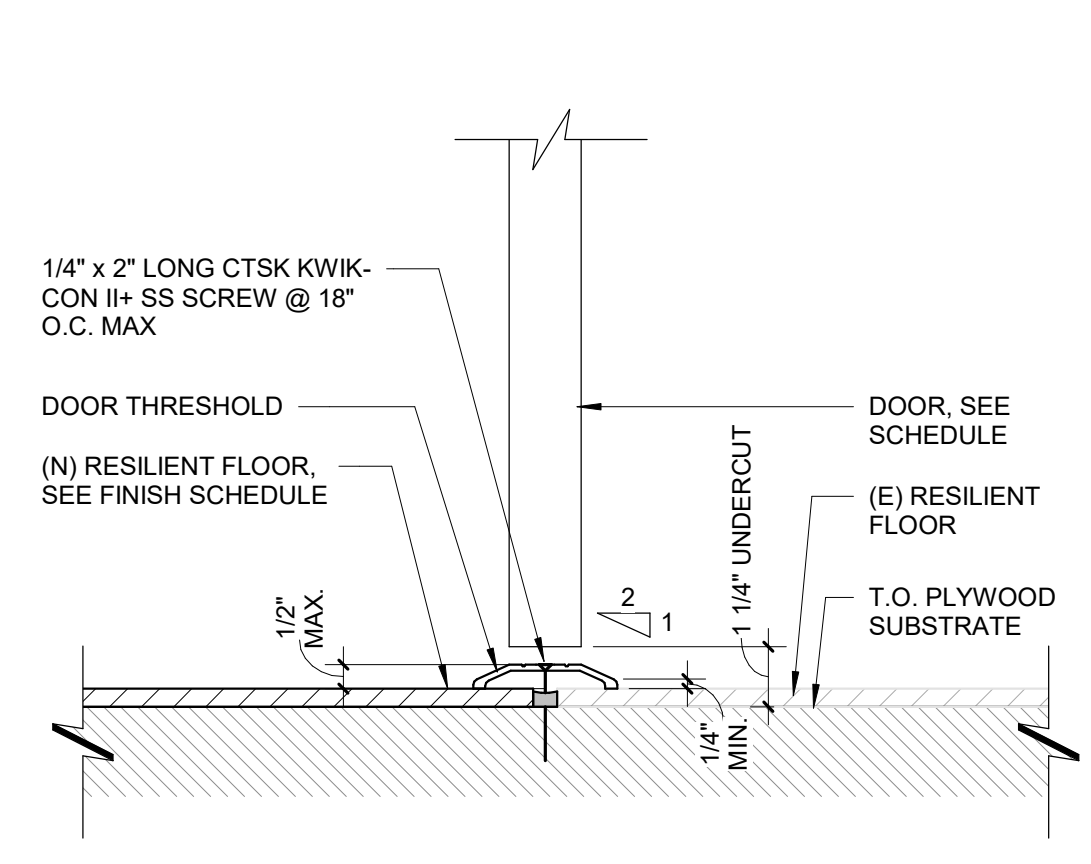
*SEE SPECS FOR HDWR GROUPS



29 INTERIOR DOOR HEAD, TYPICAL
3" = 1'-0"

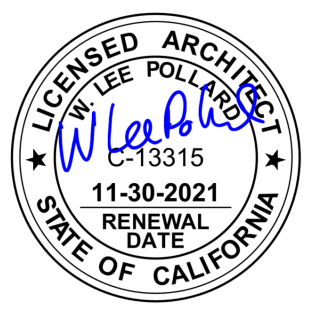
24 INTERIOR DOOR JAMB, TYPICAL
3" = 1'-0"

19 INTERIOR DOOR HEAD @ (E) CONCRETE WALL
3" = 1'-0"



30 (N) RESIL. FLR./ (E) RESIL. FLR. THRESHOLD
3" = 1'-0"

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HY Architects Project number: 5561
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

Sheet Title: FINISH & DOOR SCHEDULE

Client Project Number: _____ Client Proj. # _____
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Drawn By: NM
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Issue Date: 7/16/21
Revit Version: 2019
Sheet 23 of 68

A9.04

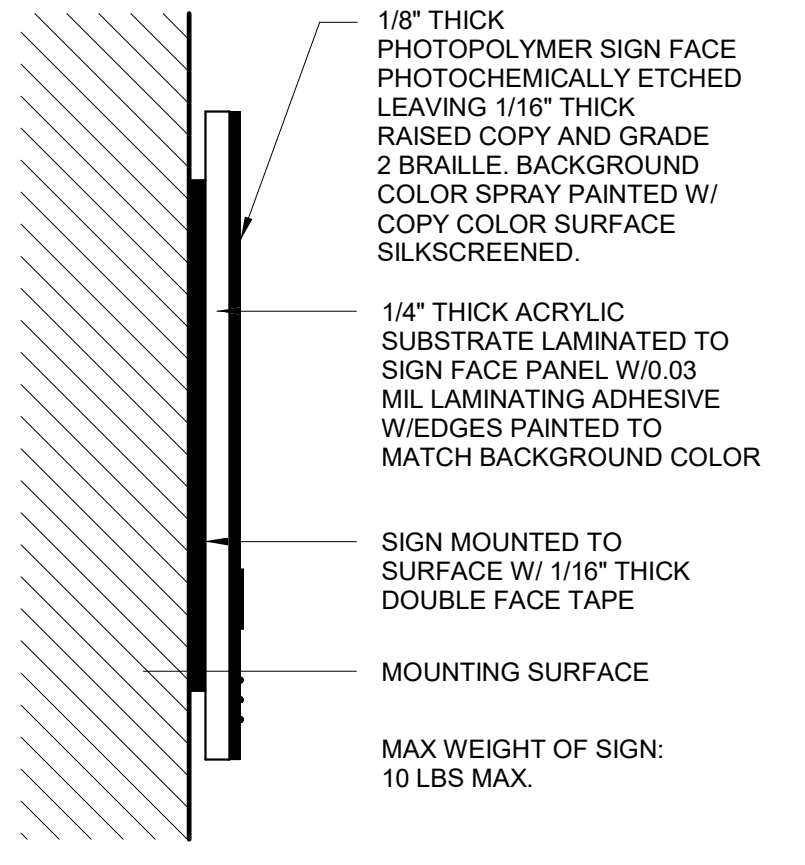
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SIGNAGE SCHEDULE

LOCATION	SIGN TYPE	ITEM DESCRIPTION	SIGNAGE COPY	CONSTRUCTION DETAIL
144B	S17	TACTILE AND BRAILLE REGULATORY "EXIT ROUTE" SIGN	4/A9.04	
145B	S17	TACTILE AND BRAILLE REGULATORY "EXIT ROUTE" SIGN	4/A9.04	
140B	S17	TACTILE AND BRAILLE REGULATORY "EXIT ROUTE" SIGN	4/A9.04	
140D	S17	TACTILE AND BRAILLE REGULATORY "EXIT ROUTE" SIGN	4/A9.04	
142	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	
149A	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	
A-158A	S2	TACTILE ROOM NAME AND NUMBER WITH BRAILLE IDENTIFICATION SIGN & ISA SYMBOL	3/A9.04	
A-158B	S7	TACTILE AND BRAILLE REGULATORY "EXIT" SIGN	4/A9.04	
A-158D	S7	TACTILE AND BRAILLE REGULATORY "EXIT" SIGN	4/A9.04	
A-158C	S2	TACTILE ROOM NAME AND NUMBER WITH BRAILLE IDENTIFICATION SIGN & ISA SYMBOL	3/A9.04	
A-159B	S7	TACTILE AND BRAILLE REGULATORY "EXIT" SIGN	4/A9.04	
A-159A	S2	TACTILE ROOM NAME AND NUMBER WITH BRAILLE IDENTIFICATION SIGN & ISA SYMBOL	3/A9.04	
145A	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	
144A	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	
139A	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	
140A	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	
140C	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	
141A	S1	TACTILE WITH BRAILLE IDENTIFICATION SIGN	3/A9.04	

SIGNAGE LEGEND

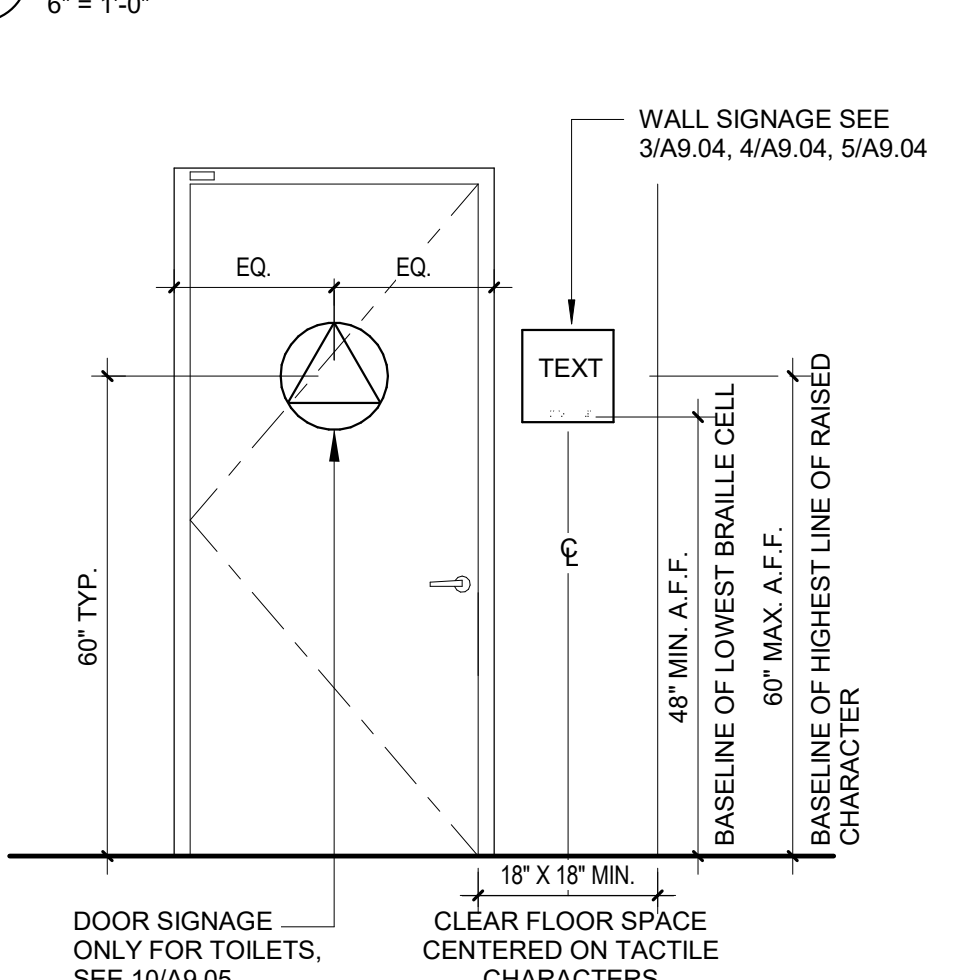
- S1 - TACTILE ROOM NAME AND NUMBER WITH BRAILLE IDENTIFICATION SIGN, SEE DETAIL 3/A9.05
- S2 - TACTILE ROOM NAME AND NUMBER WITH BRAILLE IDENTIFICATION SIGN & ISA SYMBOL SEE DETAILS 3/A9.05 AND 8/A9.05
- S7 - TACTILE AND BRAILLE REGULATORY "EXIT" SIGN
- S8 - ACCESSIBLE RESTROOM DIRECTIONAL SIGNAGE
- S9 - UNISEX TACTILE AND BRAILLE RESTROOM WALL SIGNAGE
- S10 - UNISEX TACTILE AND BRAILLE RESTROOM DOOR SIGNAGE
- S12 - MEN'S TACTILE AND BRAILLE RESTROOM WALL SIGNAGE
- S13 - MEN'S TACTILE AND BRAILLE RESTROOM DOOR SIGNAGE
- S14 - WOMEN'S TACTILE AND BRAILLE RESTROOM WALL SIGNAGE
- S15 - WOMEN'S TACTILE AND BRAILLE RESTROOM DOOR SIGNAGE
- S17 - TACTILE AND BRAILLE REGULATORY "EXIT ROUTE" SIGN



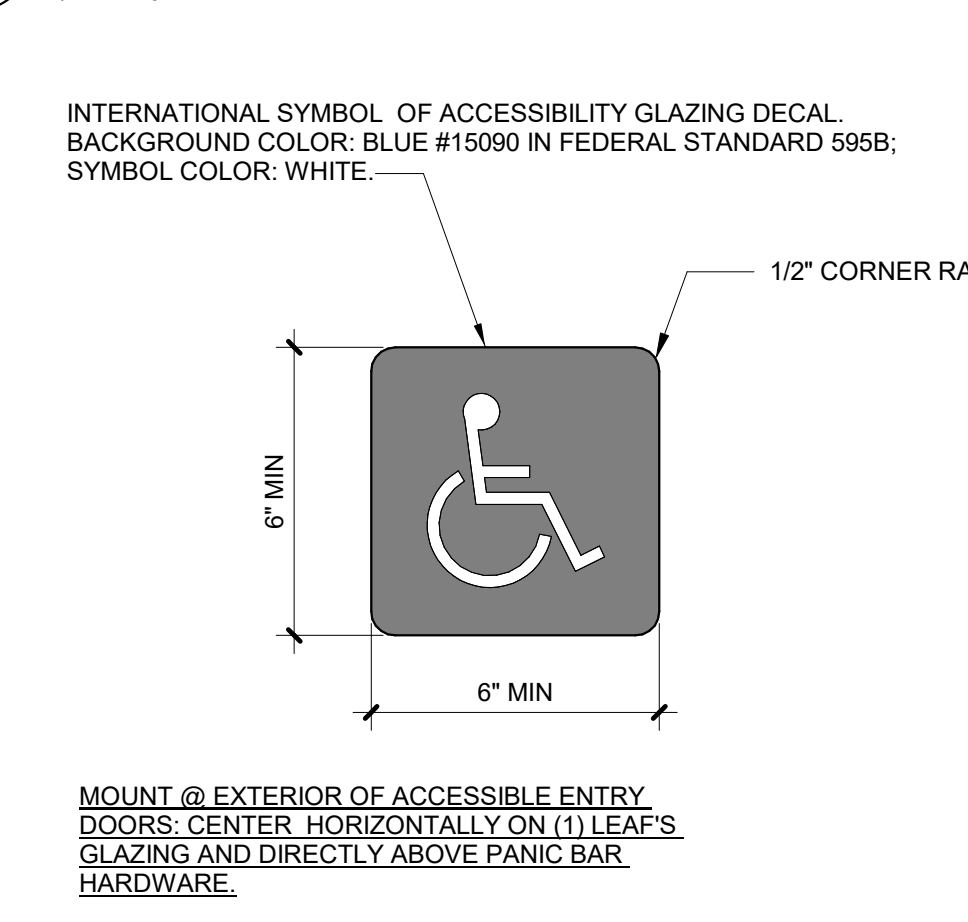
SIGNAGE SHEET NOTES

- SEE DOOR SCHEDULE FOR SIGNAGE ON OR ADJACENT TO DOORS. FOR ROOM SIGNAGE AND TACTILE EXIT SIGNS, SET ROOM SIGNAGE ALONGSIDE DOOR AT LATCH SIDE. AT DOUBLE DOORS WITH INACTIVE LEAF, ON INACTIVE LEAF. AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, RIGHT OF RIGHT DOOR, WHERE THERE IS NO WALL SPACE, LOCATE ON NEAREST ADJACENT WALL.
- EDGES AND CORNERS. EDGES OF SIGNS SHALL BE ROUNDED OR EASED. CORNERS OF SIGNS SHALL HAVE A MINIMUM RADIUS OF 1/8".
- MOUNTING. SEE DETAIL 8/A9.04 FOR MOUNTING OF ALL SIGNS U.O.
- CHARACTER HEIGHT AND RAISED THICKNESS. SEE DETAILS.
- CASE. ALL CHARACTERS SHALL BE UPPER CASE. SEE DOOR SCHEDULE FOR LOCATION-SPECIFIC TEXT.
- STYLE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, OR HIGHLY DECORATIVE.
- CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPER CASE LETTER "O" IS 90 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPER CASE LETTER "I".
- STROKE THICKNESS. STROKE THICKNESS OF THE UPPER CASE LETTER "I" SHALL BE 10 PERCENT MINIMUM TO 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.
- CHARACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS. SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16 INCH (1.6 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH (9.5 MM) MINIMUM.
- LINE SPACING. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT.
- FINISH AND CONTRAST. PICTOGRAMS AND TEXT SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND THEIR BACKGROUND SHALL CONTRAST WITH THEIR BACKGROUND AND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
- BRAILLE. BRAILLE TEXT SHALL BE CONTRACTED (GRADE 2) WITH DOMED OR ROUNDED SHAPE DOTS PER CBC 118-703.3. THE INDICATION OF AN UPPER CASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORK OR SENTENCES. PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS AND ACRONYMS. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT FLUSH LEFT OR CENTERED. IF TEXT IS MULTILINE, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/16 INCH MINIMUM AND SHALL BE LOCATED DIRECTLY BELOW THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

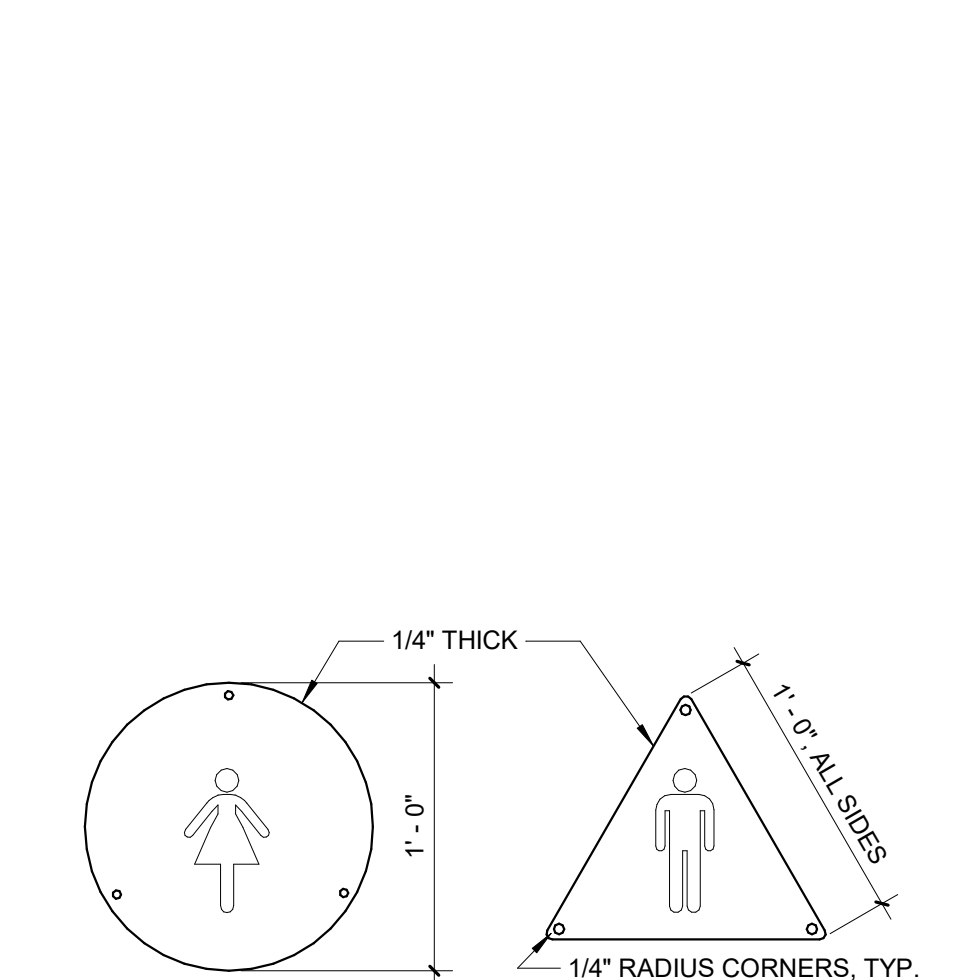
6 SIGNAGE INSTALL DETAIL



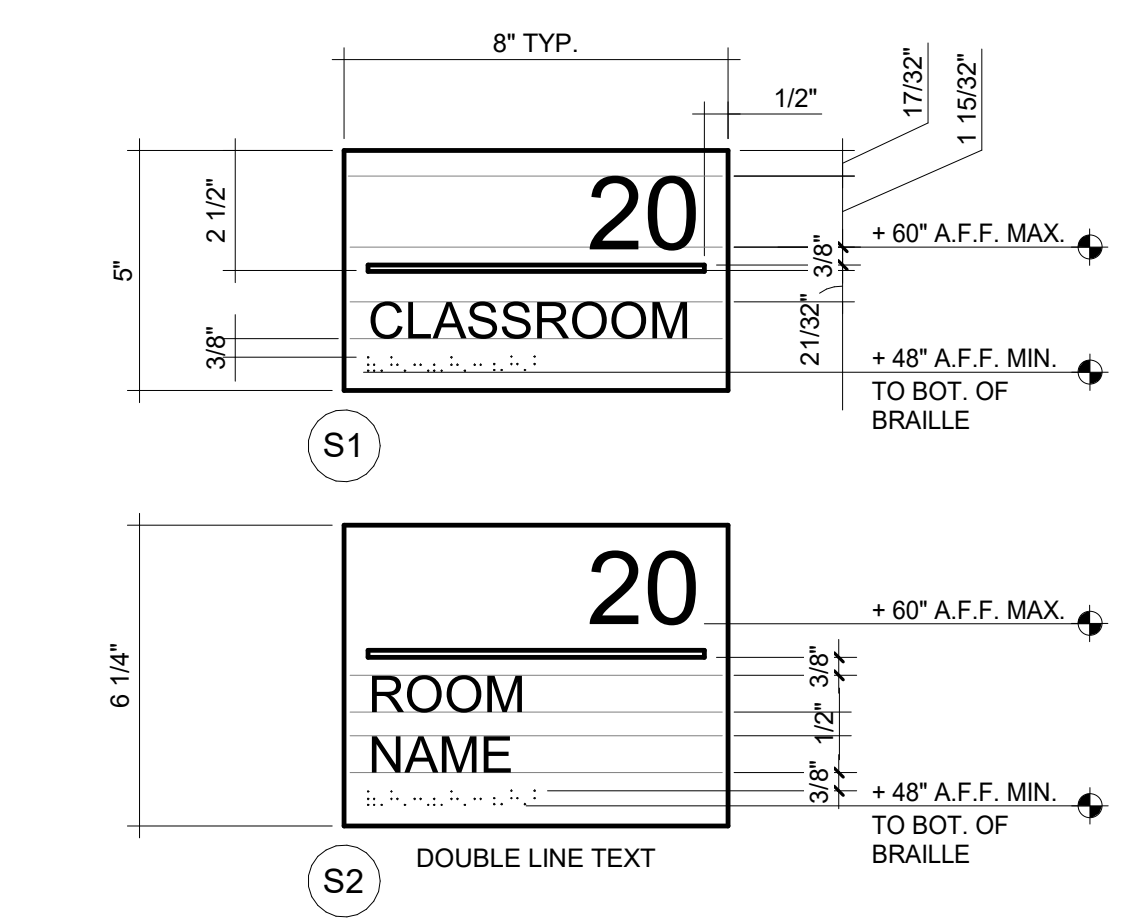
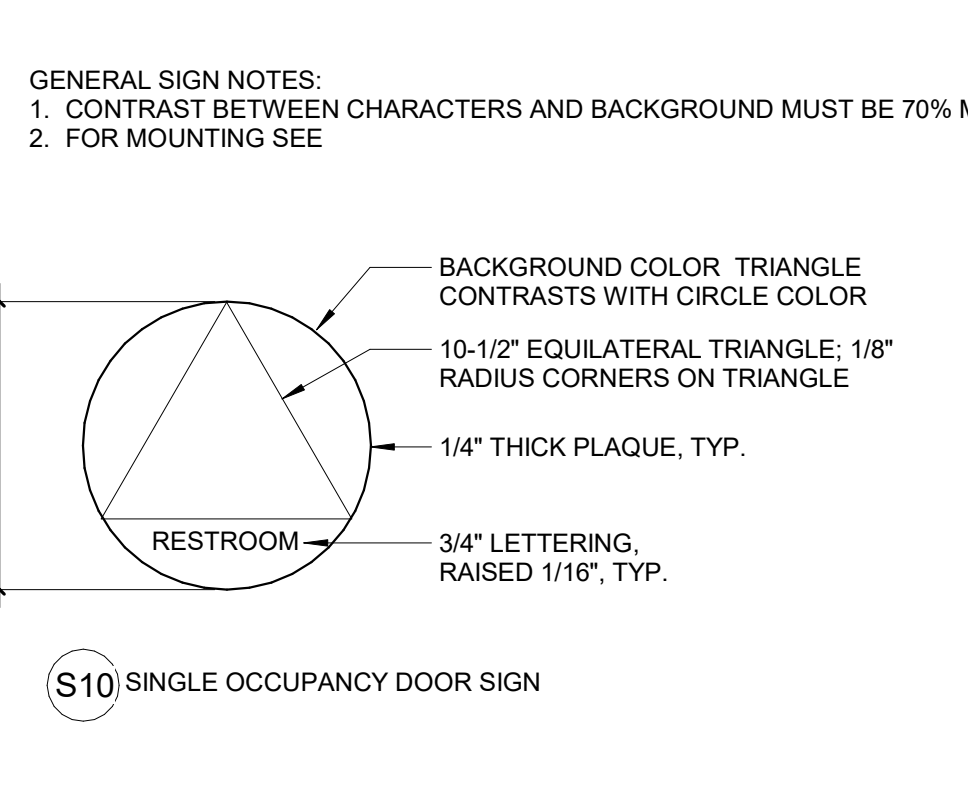
7 TYP SIGNAGE MOUNTING HEIGHTS



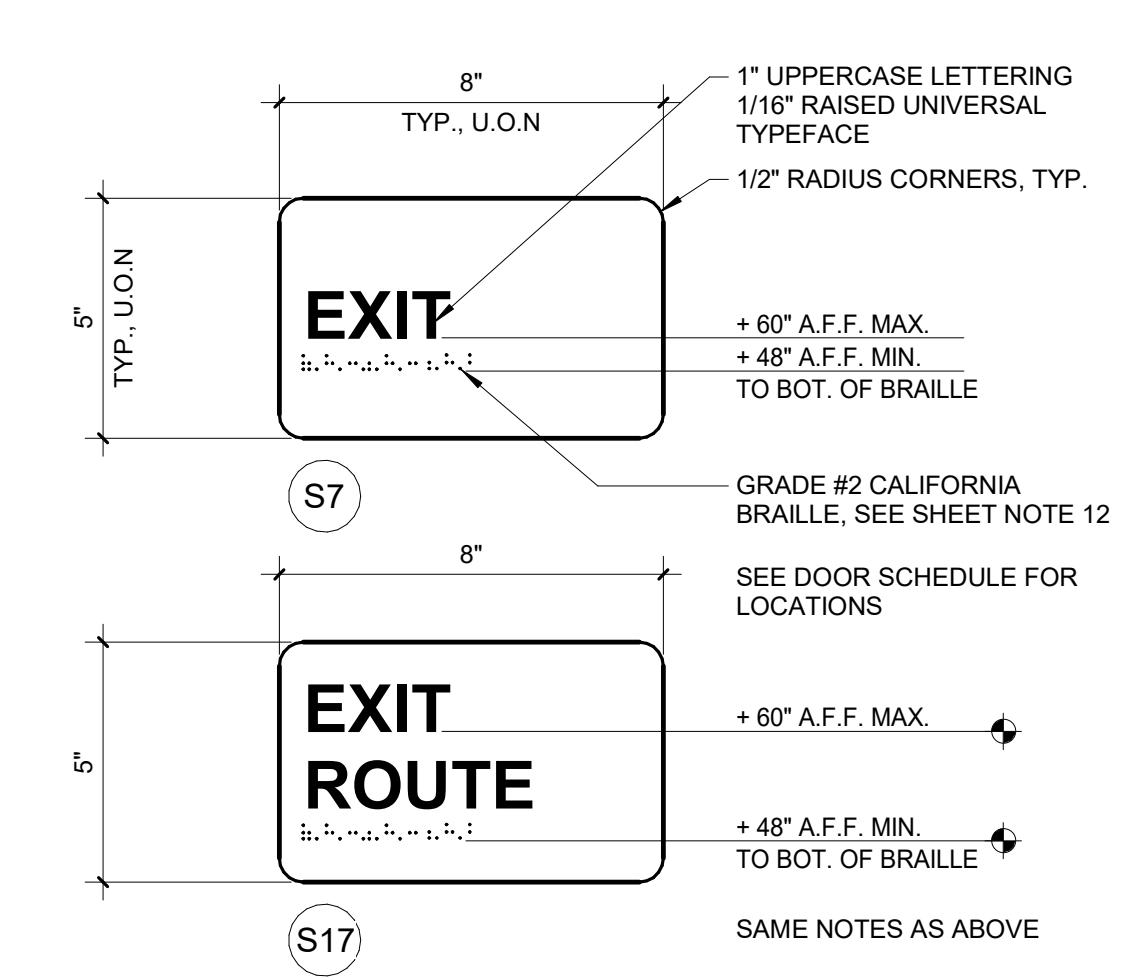
8 ISA DECAL



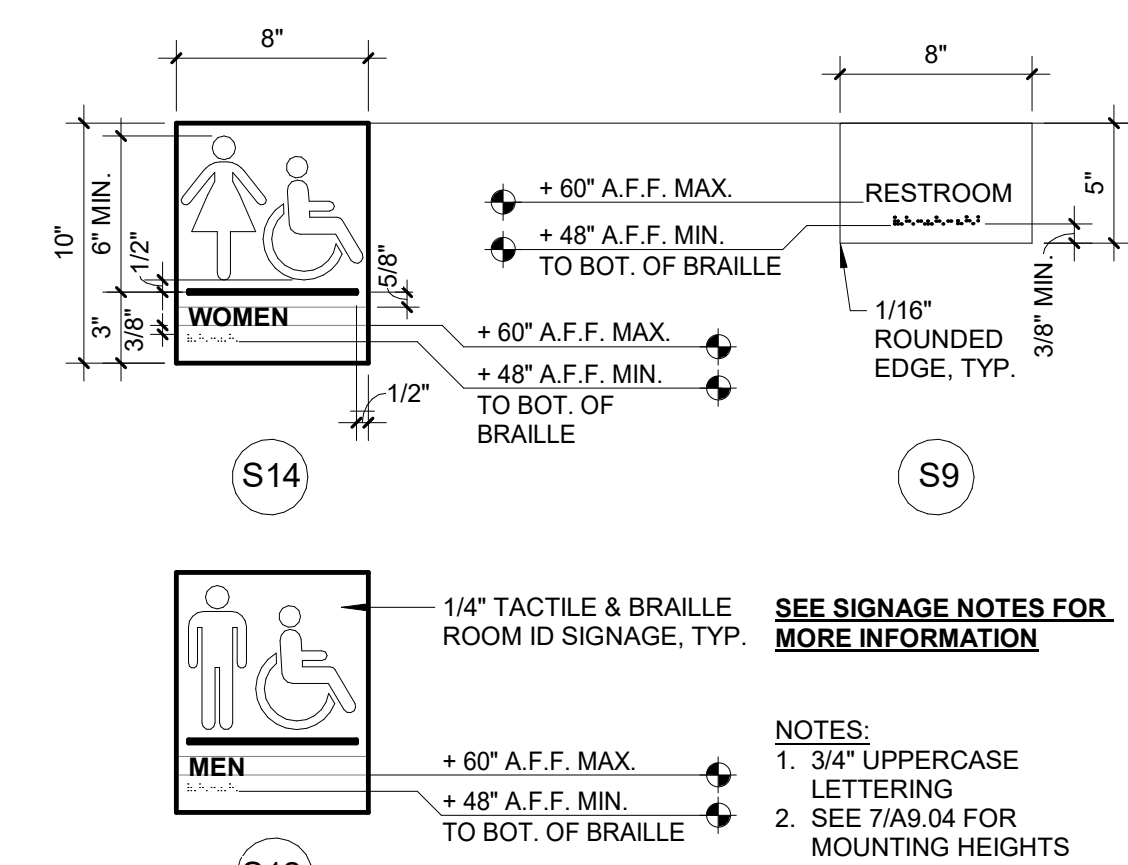
10 SIGN TYPE - RESTROOM DOOR SIGNAGE



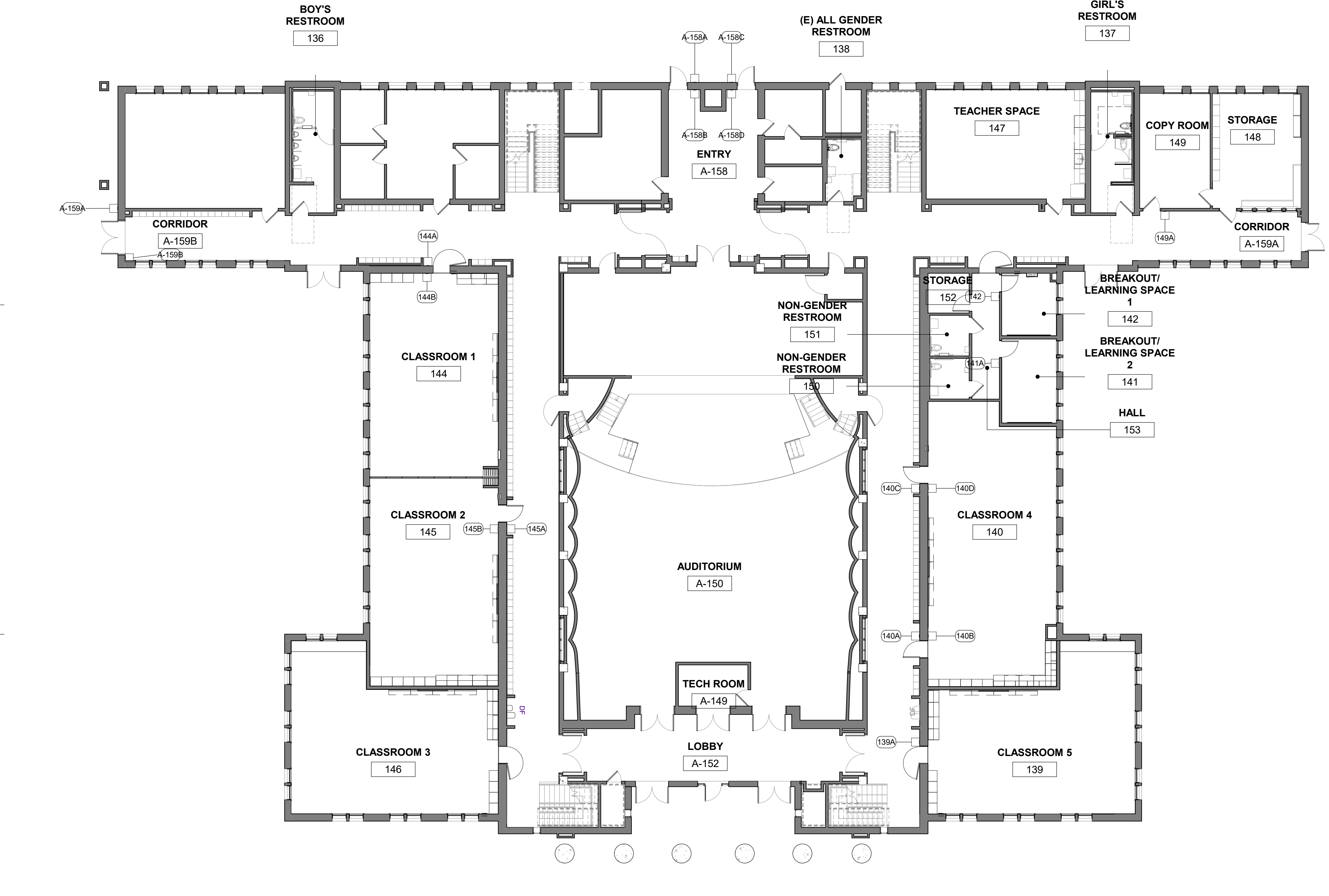
3 SIGN TYPE - ROOM SIGNAGE



4 SIGN TYPE - EXIT SIGNAGE



5 SIGN TYPE - RESTROOM WALL SIGN



30 FIRST LEVEL SIGNAGE PLAN

3/32" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119449 INC.
REVIEWED FOR
SS FLS ACS
DATE: 07/26/2021

SR SAN RAFAEL CITY SCHOOLS

Revisions
Delta Date Revisions By

DSA SUBMITTAL
ISSUE DATE: ISSUE DATE BY: INITIALS

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HY Architects Project number: 5561

SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
SIGN SCHEDULE & DETAILS

Client Project Number: Client Proj. #
Scale: As indicated Sheet
Drawn By: NM
Checked By: LP
Issue Date: 7/16/21
Revit Version: 2019

A9.05
Sheet 24 of 68



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 01-119449 INC.
REVIEWED FOR
SS FLS ACS
DATE: 07/26/2021

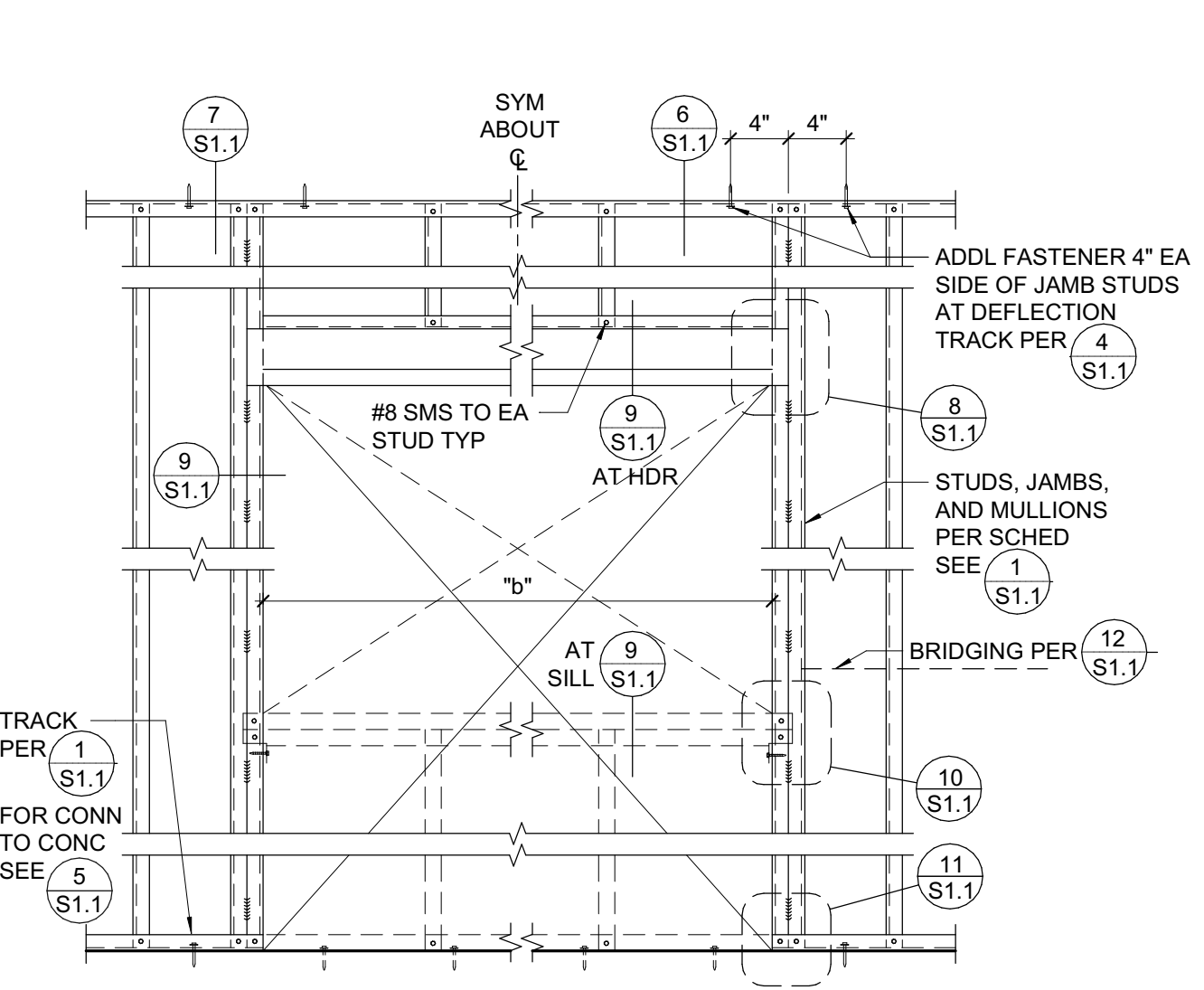
SR SAN RAFAEL CITY SCHOOLS

COLD FORMED FRAMING SCHEDULE				
LOCATION	MINIMUM MEMBER SIZE	MAX SPAN/LENGTH	MAX SPACING UNO	REFERENCE DETAIL
INTERIOR STUDS	400S162-43	15'-0"	16"oc	
INTERIOR STUDS W/ SHELVING OR EQUIPMENT ANCHORAGE	600S162-33	30'-0"	16"oc	
INTERIOR STUDS	400S162-43	15'-0"	16"oc	
INTERIOR HEADERS	(2) 600S162-33 STUDS AND (2) 400T150-43 TRACKS	b ≤ 12'-0"		
	(2) 600S162-43 STUDS AND (2) 600T150-33 TRACKS	b ≤ 8'-0"		SEE 9 (S1.1)
INTERIOR SILLS	400S162-33 STUD AND 400T150-43 TRACK (OR 600S162-33 AND 600T150-33)	b ≤ 12'-0"		SEE 9 (S1.1)
INTERIOR JAMBS	(2) 400S162-43 (OR 600S162-33)	15'-0"	b ≤ 12'-0"	SEE 9 (S1.1)
	400S162-43 (OR 600S162-33)	15'-0"	b ≤ 4'-0"	

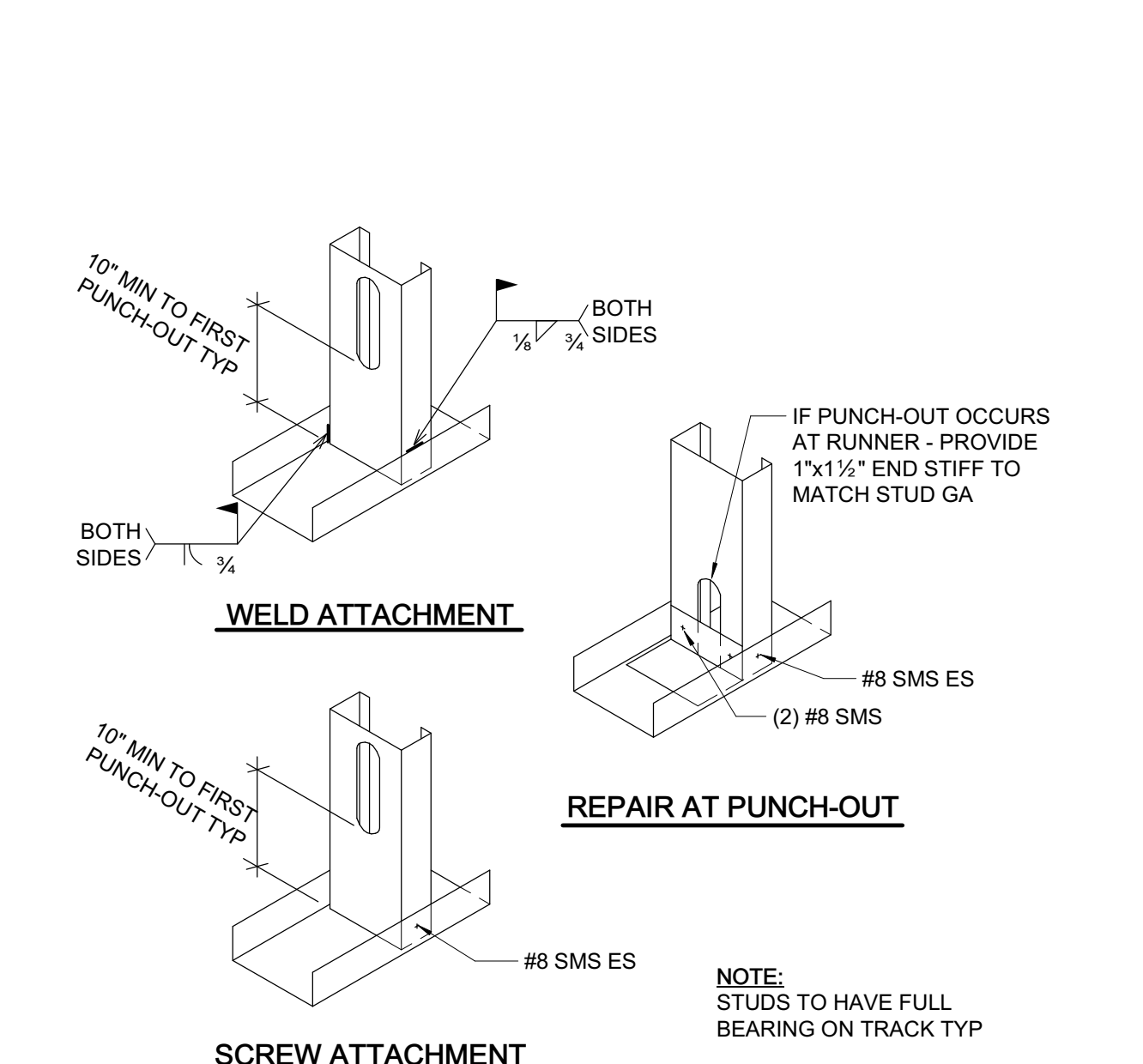
1. TYPICAL TRACKS TO BE SAME GAUGE AS STUD, 43 MIL MIN (UNO), FLANGE TO BE 1 1/2" MIN.
2. MULTIPLE ADJACENT WINDOWS TO EACH HAVE INDIVIDUAL HEADERS AND FULL JAMB STUDS BETWEEN WINDOWS.
3. TYP WALL BRIDGING/BLKG PER 12(S1.1)
4. TYP STUD/JOIST TO TRACK PER 2(S1.1)
5. COORDINATE STUD DEPTH W/ ARCH DRAWINGS, INCREASE MIN HDR, SILL OR JAMB MEMBER DEPTHS AS REQ TO MATCH ACTUAL WALL STUD DEPTH.
6. "b" INDICATES OPENING WIDTH PER 2(S1.1)
7. METAL STUD SECTIONS THAT ARE PART OF BUILT-UP HEADERS SHALL BE UNPUNCHED.

Revisions	Delta	Date	Revisions	By

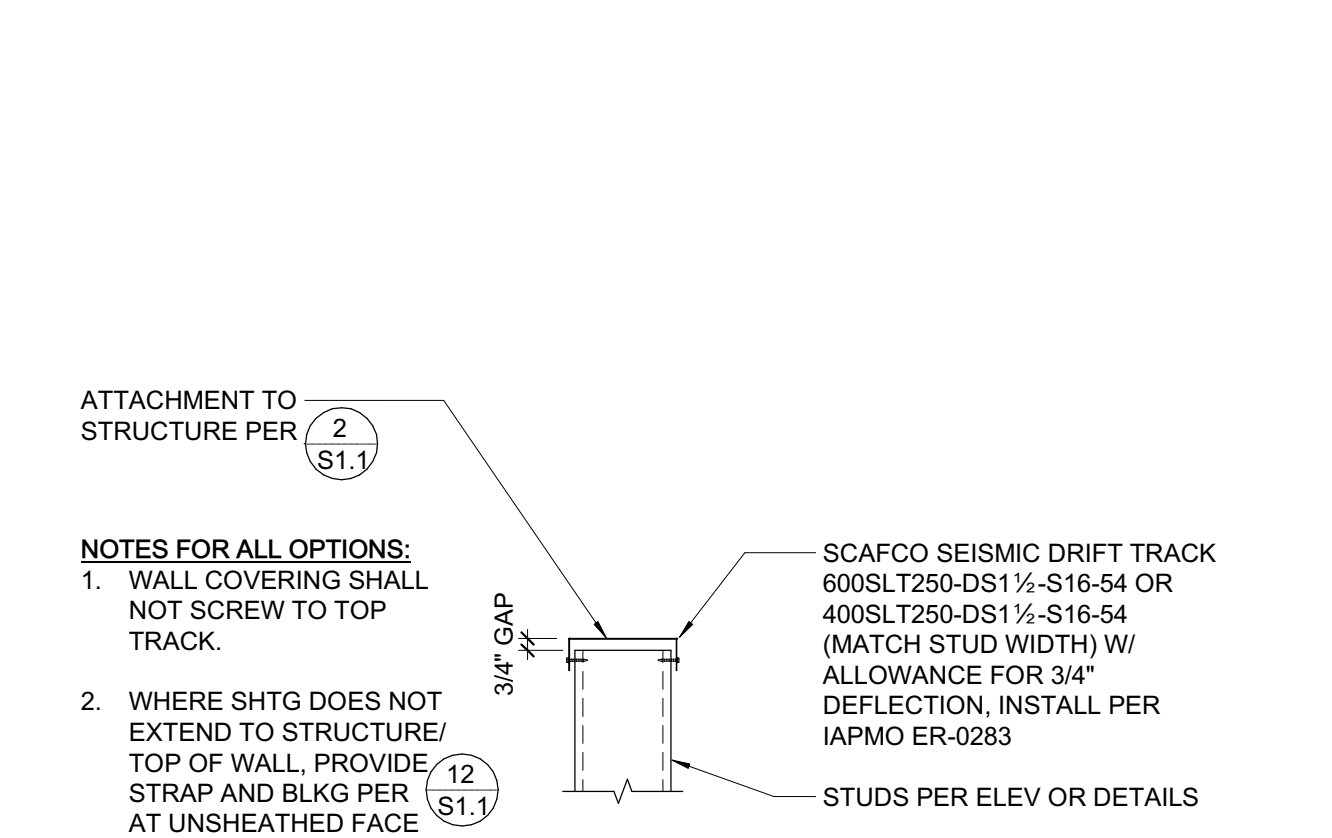
1 SCHEDULE - COLD FORMED METAL FRAMING, UNO
1" = 1'-0"



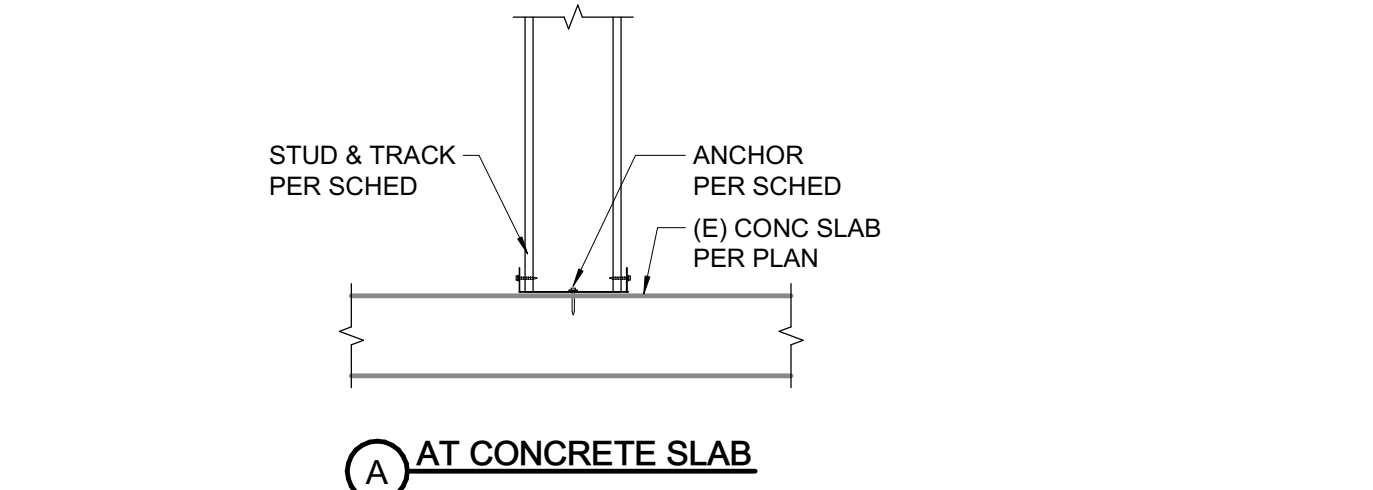
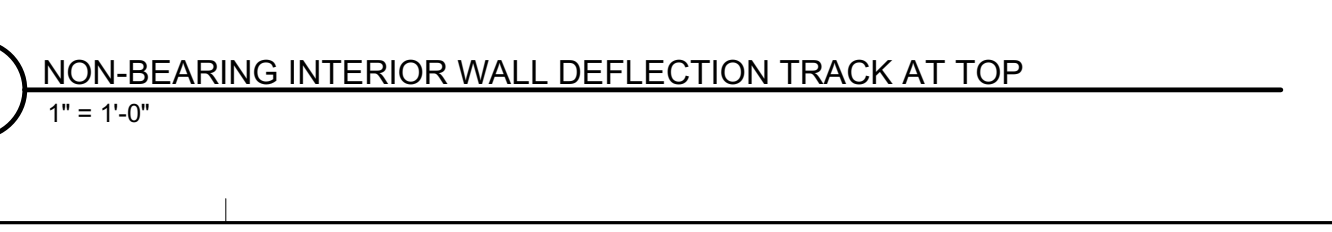
2 INTERIOR NON-BEARING WALL (OPENING AS OCCURS)
1" = 1'-0"



3 STUD OR JOIST TO TRACK
1" = 1'-0"



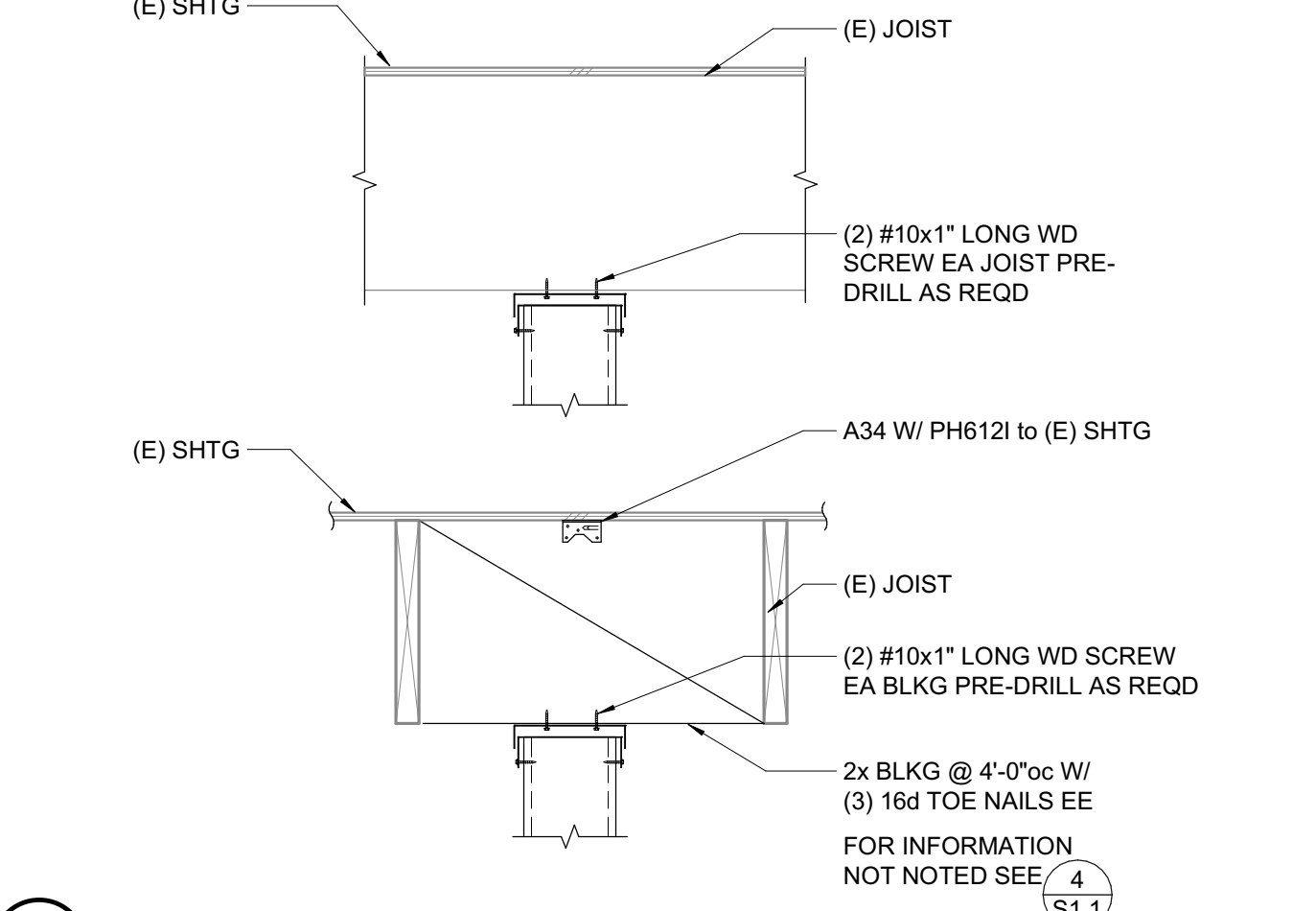
4 NON-BEARING INTERIOR WALL DEFLECTION TRACK AT TOP
1" = 1'-0"



LOCATION	ANCHOR TYPE, DIAMETER AND SPACING		DETAIL
	SCREW ANCHOR	POWDER DRIVEN PINS	
INTERIOR WALL, SUSPENDED SLAB	1/2" @ 48"oc	0.157" @ 16"oc	A
MIN CONG EDGE DISTANCE	1 3/4"	3"	
REF DETAIL & NOTES	2 (S1.2)	STAGGER PINS	

- NOTES:**
1. PROVIDE (2) ANCHORS MIN PER TRACK SEGMENT.
 2. CENTER FASTENERS W/ TRACK, UNO.
 3. SEE PLAN AND SCHEDULE FOR ADDITIONAL ANCHORAGE REQUIREMENTS, AS OCCURS.

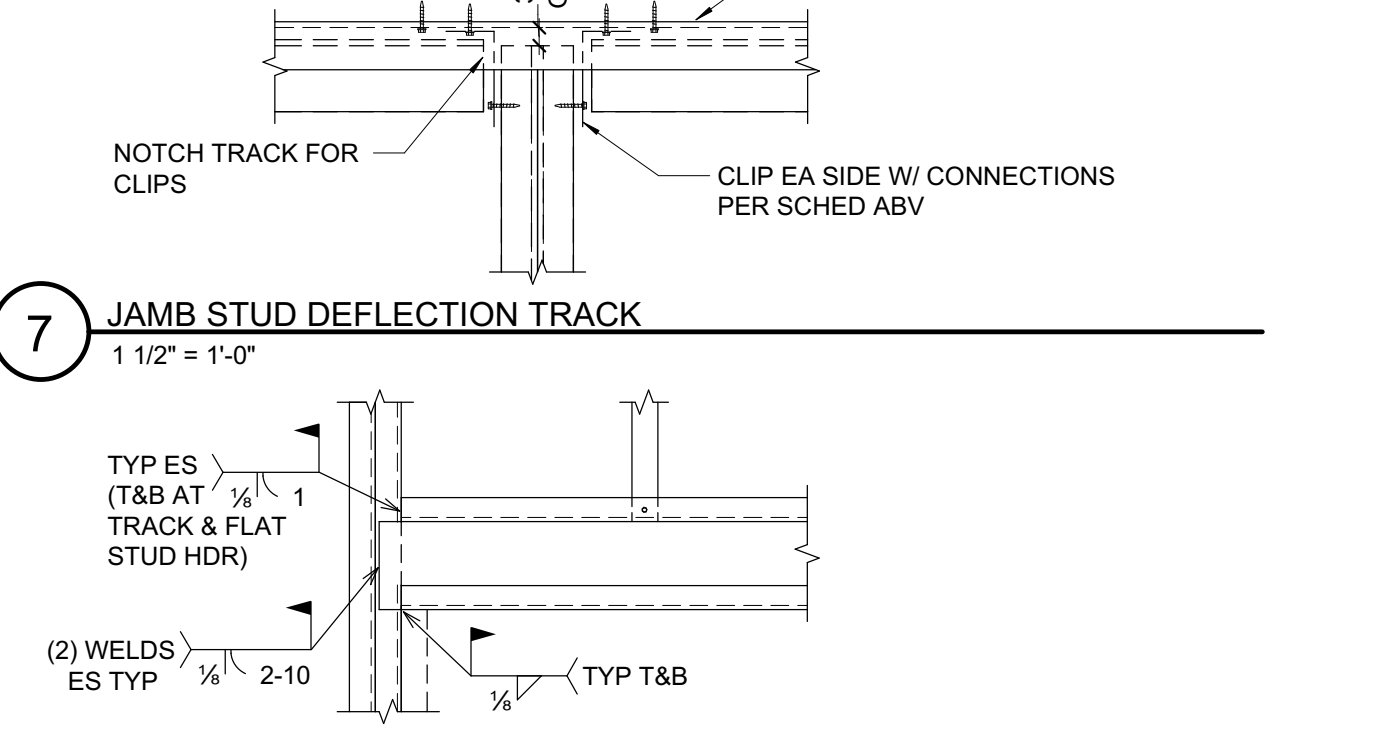
5 TYPICAL BOTTOM TRACK ANCHORS AT CONCRETE
1" = 1'-0"



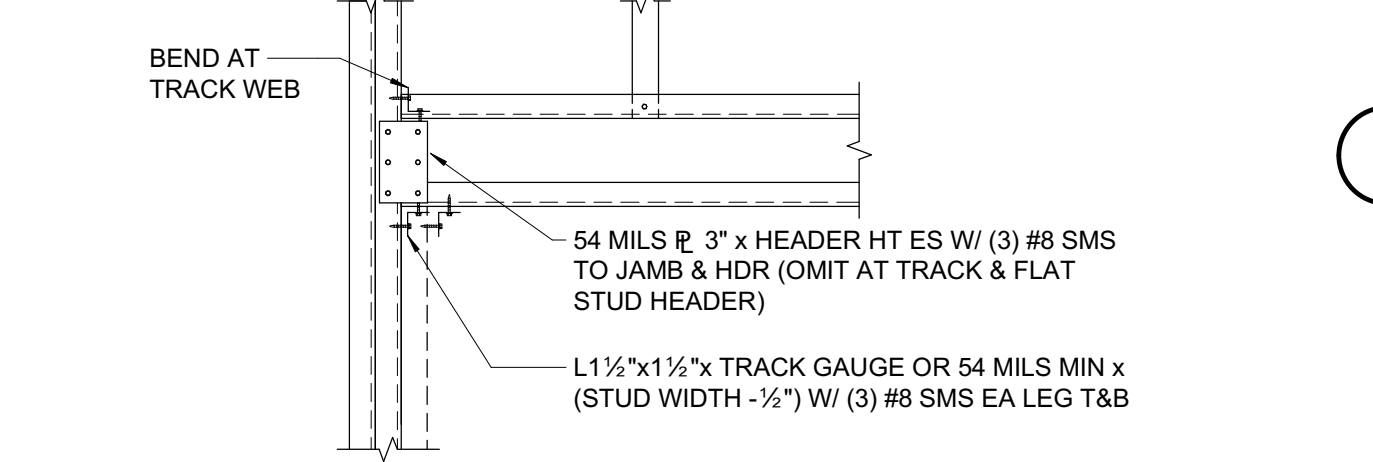
6 TRACK ATTACHMENT
1" = 1'-0"

CLIP	CONN TO STUD	CONN TO ABV	MIN JAMB STUD THICKNESS	NOTES
SIMPSON SCW	(2) #14	(2) #12	43 MILS	
STL NETWORK SL CLIP	(3) #12	(3) #12	43 MILS	
4"x2"x9" MILS x 4" CLIP W/ 1/2"x2" VSH	(2) #12	(2) #12	43 MILS	

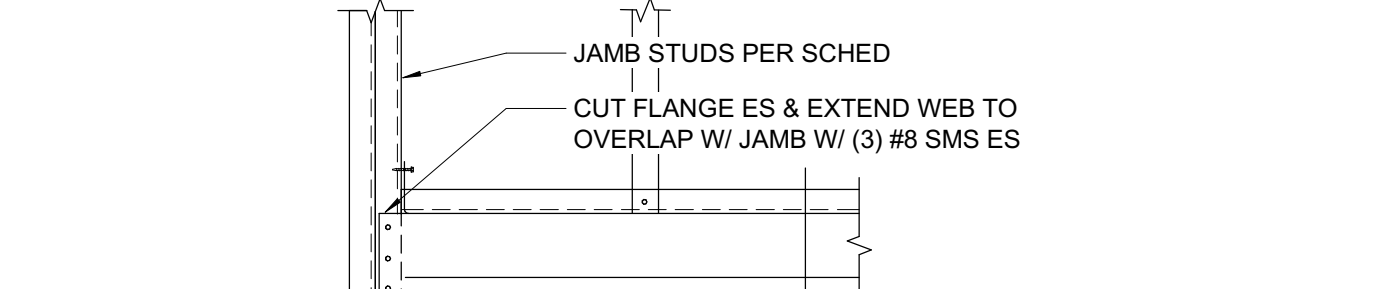
NOTE: PROVIDE CLIP ES JAMB STUD AT ALL OPENING GREATER THAN 4'-0"



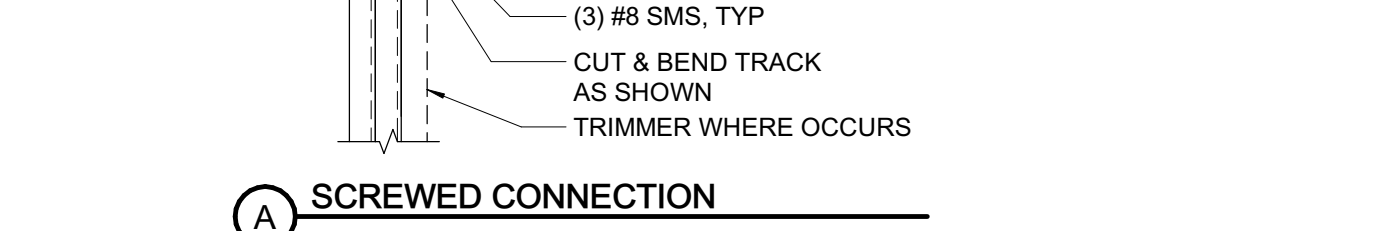
7 JAMB STUD DEFLECTION TRACK
1 1/2" = 1'-0"



C WELDED CONNECTION



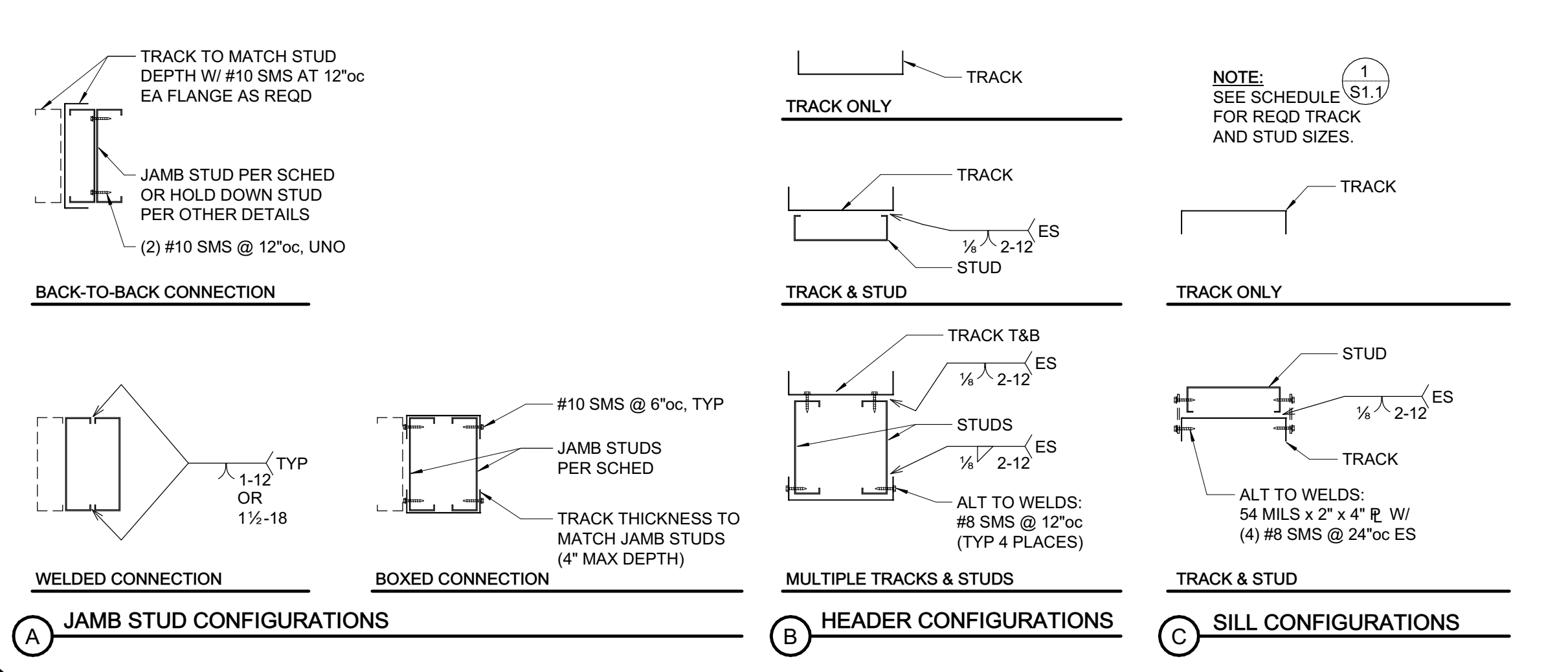
B ALT SCREWED CONNECTION (INTERIOR NON-BRG ONLY)



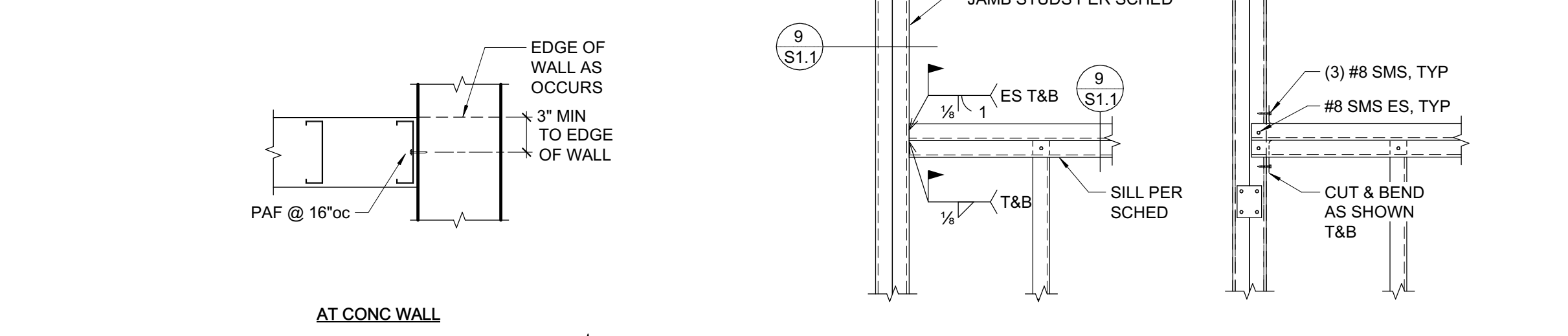
A SCREWED CONNECTION



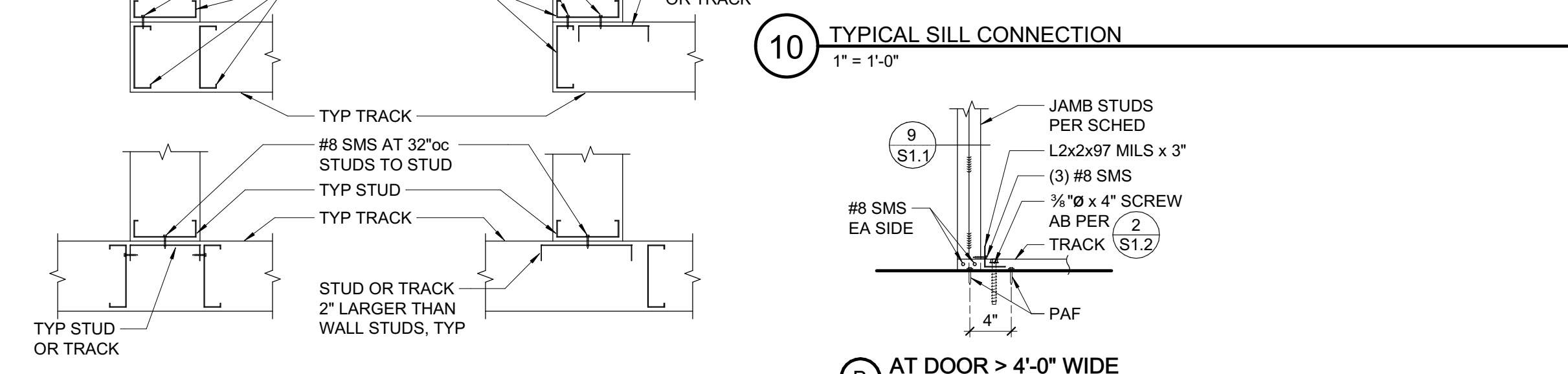
8 TYPICAL HEADER CONNECTION
1" = 1'-0"



9 TYPICAL NON-BEARING HEADERS AND SILLS
1 1/2" = 1'-0"



10 TYPICAL SILL CONNECTION
1" = 1'-0"



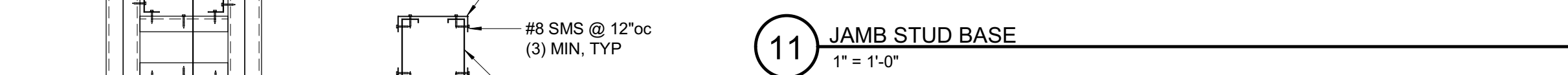
A AT DOOR > 4'-0\"/>



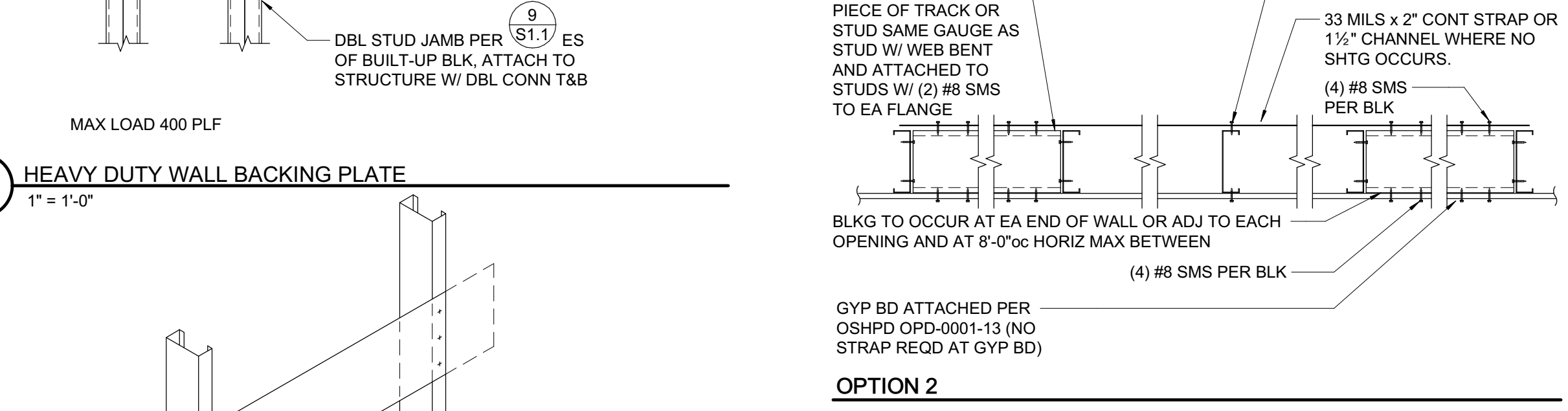
B AT DOOR < 4'-0\"/>



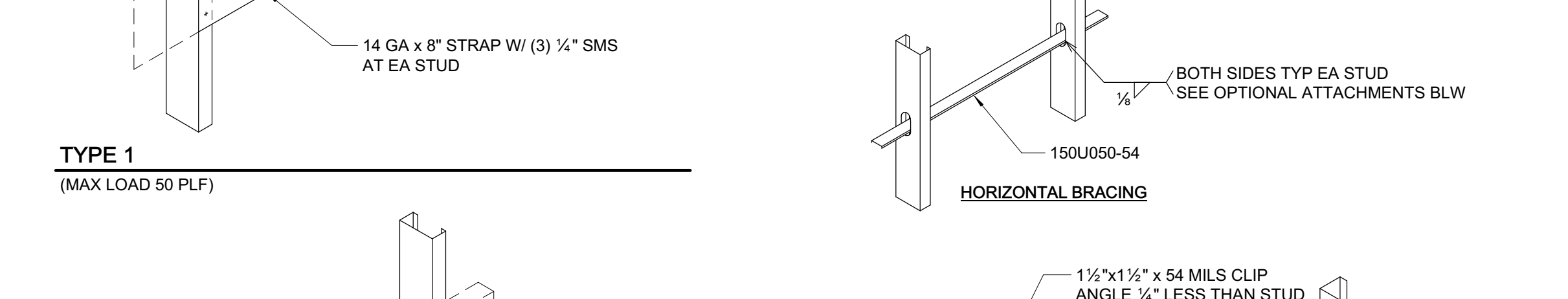
C TYP (INTERIOR ONLY)



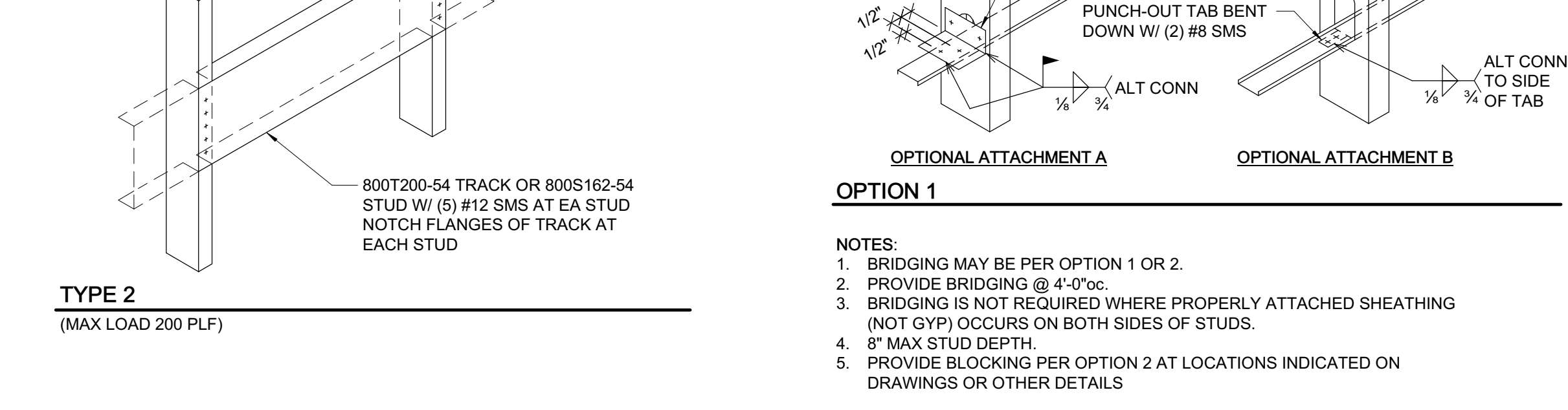
11 JAMB STUD BASE
1" = 1'-0"



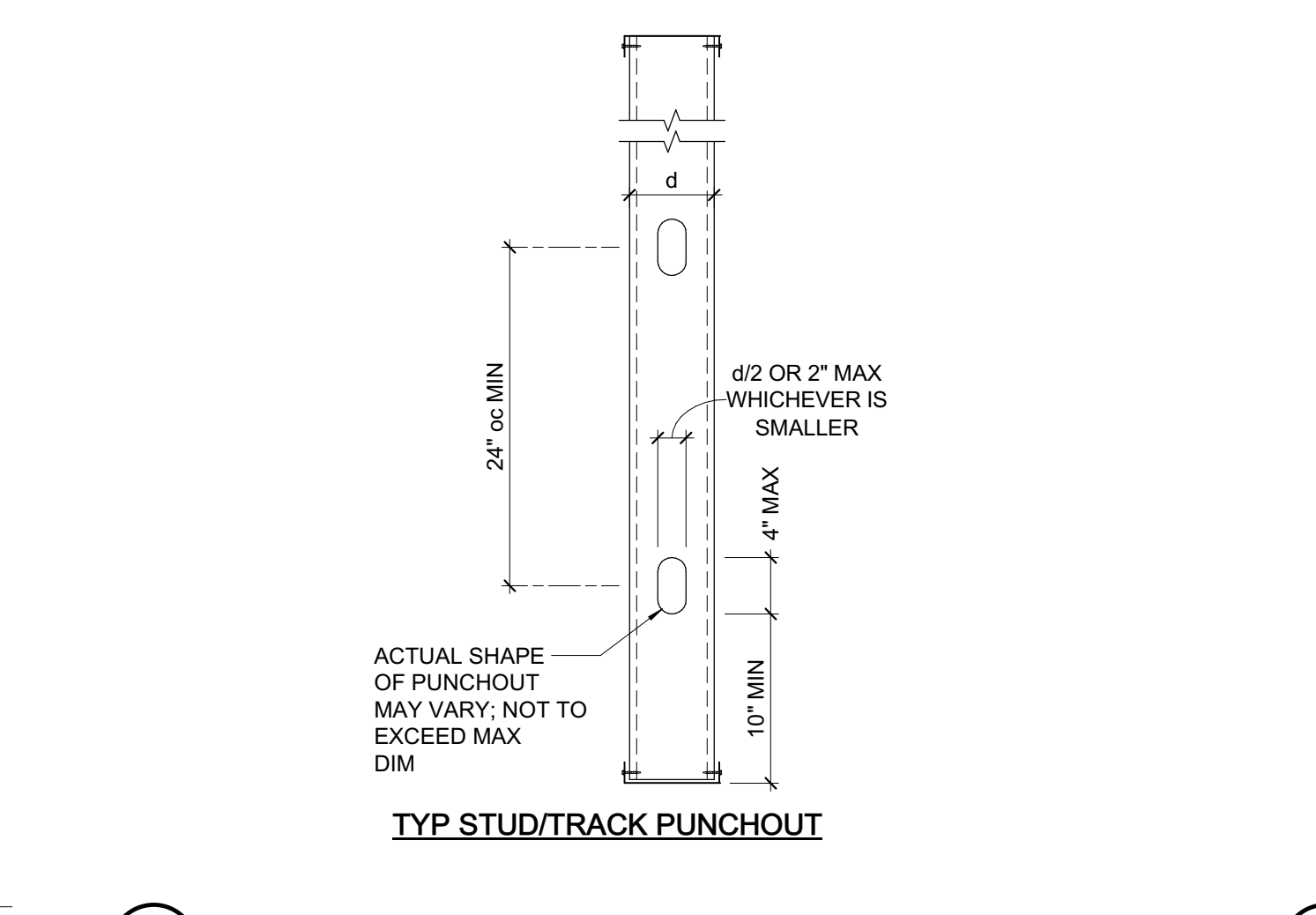
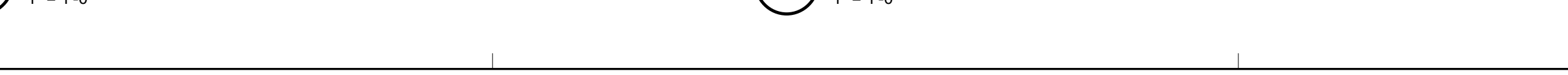
OPTION 2



OPTION 1



12 WALL BRIDGING/BLOCKING
1" = 1'-0"



16 TYPICAL STUD PUNCHOUT
1" = 1'-0"



13 TYPICAL CORNERS AND INTERSECTIONS
1" = 1'-0"



14 HEAVY DUTY WALL BACKING PLATE
1" = 1'-0"



TYPE 1 (MAX LOAD 400 PLF)



TYPE 2 (MAX LOAD 200 PLF)



15 WALL BACKING PLATE
1" = 1'-0"



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Project: ADMIN BUILDING REMODEL

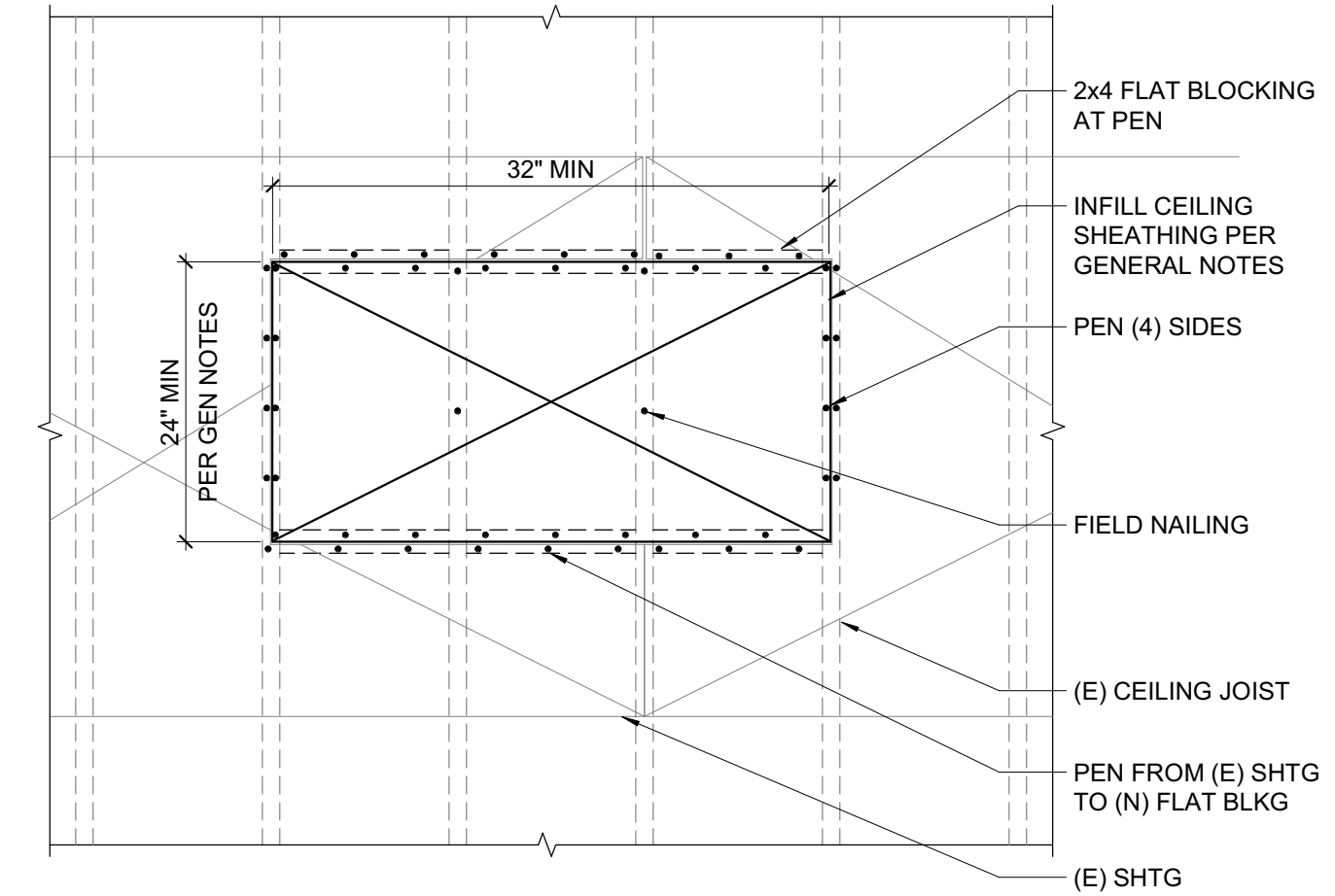
Sheet Title: TYPICAL CFS DETAILS

ZFA Project Number: 20656

Scale: As indicated Sheet
Drawn By: GJC
Checked By: AMS
Issue Date: 7/18/21
Revit Version: 2020 Sheet 26 of 68

S1.1

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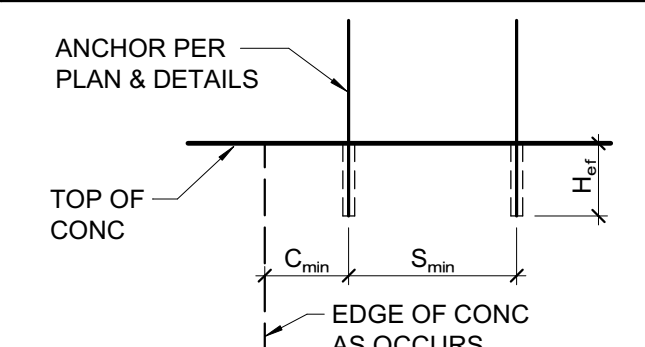


REFLECTED CEILING PLAN VIEW

3 CEILING SHEATHING REPLACEMENT
3/4" = 1'-0"

ADHESIVE ANCHOR IN 2500 PSI MIN CONCRETE

ADHESIVE TYPE	ANCHOR		PILOT HOLE	MIN EMBED LIND H_{ef}	MIN EDGE DISTANCE C_{min}	MIN SPCG S_{min}	MIN CONC DEPTH H_{con}
	THRD	REBAR					
SIMPSON SET-XP (ICC-ESR 2508)	3/8"	#3	3/8"	3"	1 1/2"	3"	$H_{ur} + 2 1/2"$
	1/2"	#4	1/2"	4"	1 1/2"	3"	$H_{ur} + 3 1/2"$
	3/8"	#5	3/8"	5"	1 1/2"	3"	$H_{ur} + 3 1/2"$
	1/2"	#6	1/2"	6"	1 1/2"	3"	$H_{ur} + 4 1/2"$
	3/8"	#7	1"	7"	1 1/2"	3"	$H_{ur} + 4"$
HILTI HIT-HY 200R (ICC-ESR 3187)	1"	#8	1 1/2"	8"	1 1/2"	3"	$H_{ur} + 5 1/2"$
	1 1/4"	#10	1 3/4"	10"	2 1/2"	6"	$H_{ur} + 6 1/2"$
	3/8"	N/A	3/8"	3"	1 1/2"	1 1/2"	$H_{ur} + 1 1/2"$
	N/A	#3	1/2"	3"	1 1/2"	1 1/2"	$H_{ur} + 1 1/2"$
	1/2"	N/A	3/8"	4"	1 1/2"	2 1/2"	$H_{ur} + 1 1/2"$
HILTI HIT-HY 200R (ICC-ESR 3187)	N/A	#4	1/2"	4"	1 1/2"	2 1/2"	$H_{ur} + 1 1/2"$
	3/8"	#5	3/8"	5"	1 1/2"	3 1/2"	$H_{ur} + 1 1/2"$
	1/2"	#6	1/2"	6"	1 1/2"	4 1/2"	$H_{ur} + 2"$
	3/8"	#7	1"	7"	1 1/2"	5"	$H_{ur} + 2 1/2"$
	1"	#8	1 1/2"	8"	1 1/2"	5"	$H_{ur} + 2 1/2"$
HILTI HIT-HY 200R (ICC-ESR 3187)	N/A	#9	1 1/2"	9"	1 1/2"	5 1/2"	$H_{ur} + 2 1/2"$
	1 1/4"	N/A	1 3/4"	10"	1 1/2"	6 1/2"	$H_{ur} + 2 1/2"$
	N/A	#10	1 3/4"	10"	1 1/2"	6 1/2"	$H_{ur} + 3"$

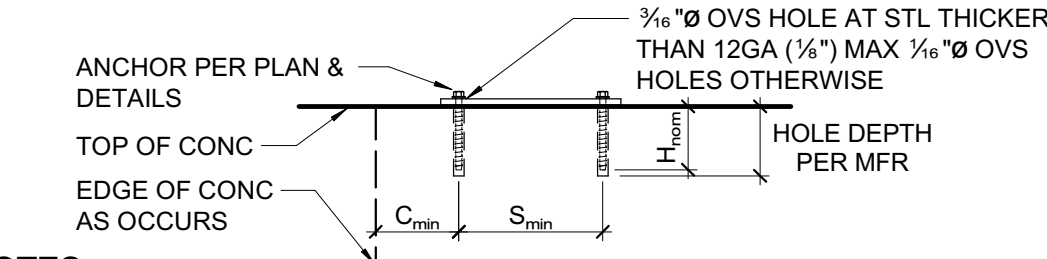


- NOTES:**
- INSTALL ADHESIVE ANCHORS PER MANUFACTURER'S INFORMATION AND ICC REPORT.
 - CONTRACTOR TO VERIFY MINIMUM EDGE DISTANCES, SPACING, AND THICKNESS ARE IN ACCORDANCE W/ SCHEDULE PRIOR TO INSTALLING ANCHOR.
 - HOLES TO BE DRILLED W/ ROTARY DRILL ONLY. WHEN DRILLING HOLES IN EXISTING CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A REASONABLE CLEARANCE BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR. FILL ABANDONED HOLES W/ HIGH STRENGTH GROUT.
 - SPECIAL INSPECTION IS REQUIRED PER SECTION 1705A AND THE REQUIREMENTS OF THE ICC REPORTS. THE SPECIAL INSPECTOR SHALL PERFORM PERIODIC/CONTINUOUS INSPECTION IN ACCORDANCE WITH TABLE 1705A.3. THE SPECIAL INSPECTOR SHALL INSPECT ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, CONCRETE COMPRESSIVE STRENGTH, DRILL BIT DIAMETER, HOLE DEPTH, EDGE DISTANCE(S), ANCHOR SPACING(S), CONCRETE THICKNESS, AND ADHESIVE INJECTION. TEST ANCHORS IN ACCORDANCE W/ CBC SECTION 1910A.5. SEE DRAWINGS FOR SPECIFIC TENSION TEST LOADS FOR ANCHORS.

1 ADHESIVE ANCHOR IN CONCRETE
3/4" = 1'-0"

SCREW ANCHOR IN 2500 PSI MIN CONCRETE

ANCHOR TYPE	ANCHOR AND PILOT HOLE DIA	MINIMUM EMBEDMENT H_{min}	MINIMUM EDGE DIST C_{min}	MINIMUM SPCG S_{min}	MINIMUM CONCRETE THICKNESS H_{con}	MINIMUM INSTALL TORQUE (FT-LB)	MAXIMUM INSTALL TORQUE (FT-LB)
SIMPSON TITEN HD (ICC-ESR 2719)	3/8"	2 1/2"	1 1/2"	3"	4"	10	50
	1/2"	3 1/2"	1 1/2"	3"	5"	10	65
	3/4"	4"	1 1/2"	3"	6"	10	100
HILTI KH-EZ (ICC-ESR 3027)	1/4"	1 1/2"	1 1/2"	1 1/2"	3 1/4"	10	18
	3/8"	2 1/2"	1 1/2"	3"	4"	10	40
	1/2"	3"	1 1/2"	3"	4 1/4"	10	45
HILTI KH-EZ (ICC-ESR 3027)	3/4"	3 1/2"	1 1/2"	4"	5"	10	85
	1"	4"	1 1/2"	4"	6"	20	95



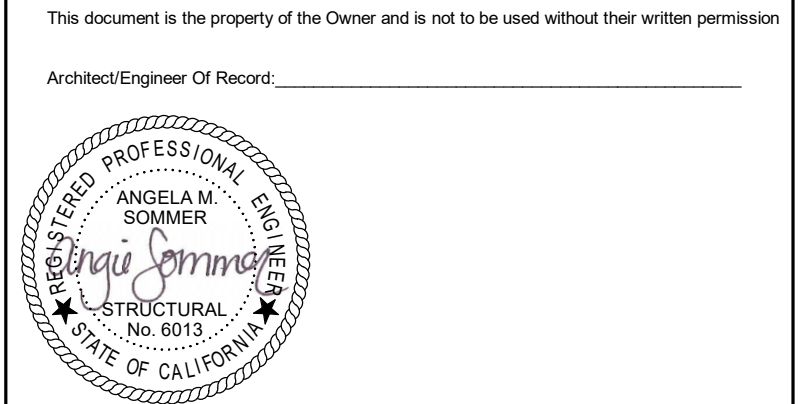
- NOTES:**
- INSTALL SCREW ANCHORS PER MANUFACTURER'S INFORMATION AND ICC REPORT INSTRUCTIONS. SPECIAL INSPECTION IS REQUIRED PER SECTION 1705A OF THE CBC AND THE REQUIREMENTS OF THE ICC REPORTS. INSTALLED ANCHORS SHALL BRING CONNECTED PLIES INTO FIRM CONTACT, MEETING THE INSTALL TORQUE BUT NOT EXCEEDING THE MAXIMUM INSTALL TORQUE.
 - CONTRACTOR TO VERIFY MINIMUM EDGE DISTANCES, SPACING AND THICKNESS ARE IN ACCORDANCE W/ SCHEDULE PRIOR TO INSTALLING ANCHOR.
 - HOLES TO BE DRILLED W/ ROTARY DRILL ONLY. WHEN INSTALLING DRILLED-IN ANCHORS IN EXISTING REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A REASONABLE CLEARANCE BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR. FILL ABANDONED HOLES W/ HIGH STRENGTH GROUT.
 - THE SPECIAL INSPECTOR SHALL PERFORM PERIODIC/CONTINUOUS INSPECTION IN ACCORDANCE WITH TABLE 1705A.3. THE SPECIAL INSPECTOR SHALL INSPECT ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, CONCRETE COMPRESSIVE STRENGTH, DRILL BIT DIAMETER, HOLE DEPTH, EDGE DISTANCE(S), ANCHOR SPACING(S), CONCRETE THICKNESS, AND TIGHTENING TORQUE.
 - TEST ANCHORS IN ACCORDANCE W/ CBC SECTION 1910A.5.

2 SCREW ANCHOR IN CONCRETE
3/4" = 1'-0"

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HY Architects Project number: 5561

Facility
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Project
ADMIN BUILDING REMODEL

Sheet Title
TYPICAL MISCELLANEOUS DETAILS

ZFA Project Number: 20656

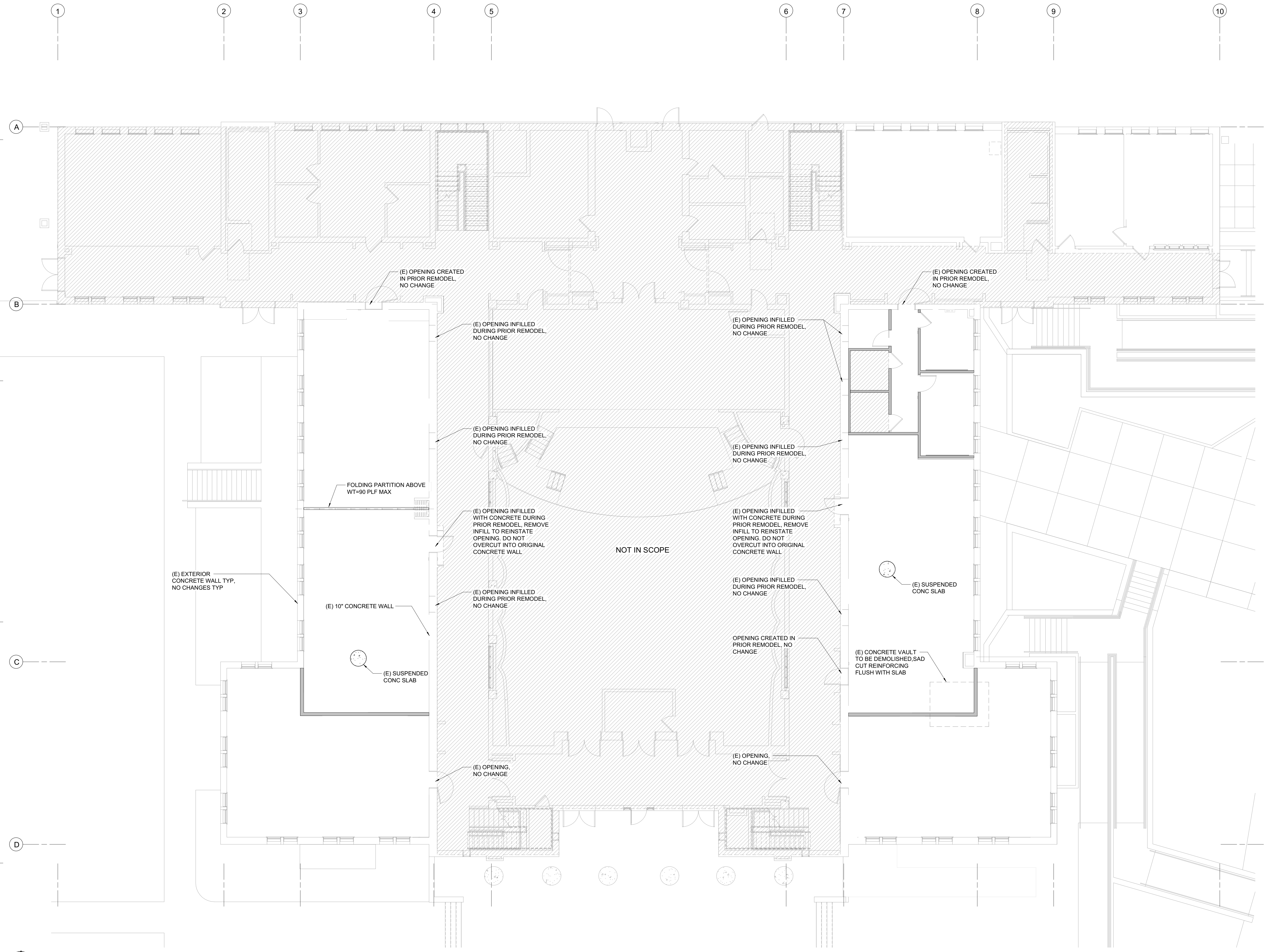
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Checked By: AMS
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Sheet
S1.2
Sheet 27 of 68

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SS FLS ACS
DATE: 07/26/2021

PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
		INDICATES EXISTING WALLS ABOVE.
	1/S1.1	INDICATES NEW NON-BEARING COLD-FORMED STEEL PARTITION WALL ABOVE.
		INDICATES EXISTING STRUCTURAL WALL BELOW.
		INDICATES GRIDLINE AT FACE OR CENTERLINE OF WALL.
	2/M5.1 3/M5.1	INDICATES MECHANICAL UNIT AND MAXIMUM WEIGHT, SMD

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FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

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Project
ADMIN BUILDING REMODEL

Sheet Title
FIRST FLOOR FRAMING PLAN

ZFA Project Number: 20656

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Issue Date: 7/18/21
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Sheet
S2.1
Sheet 28 of 68

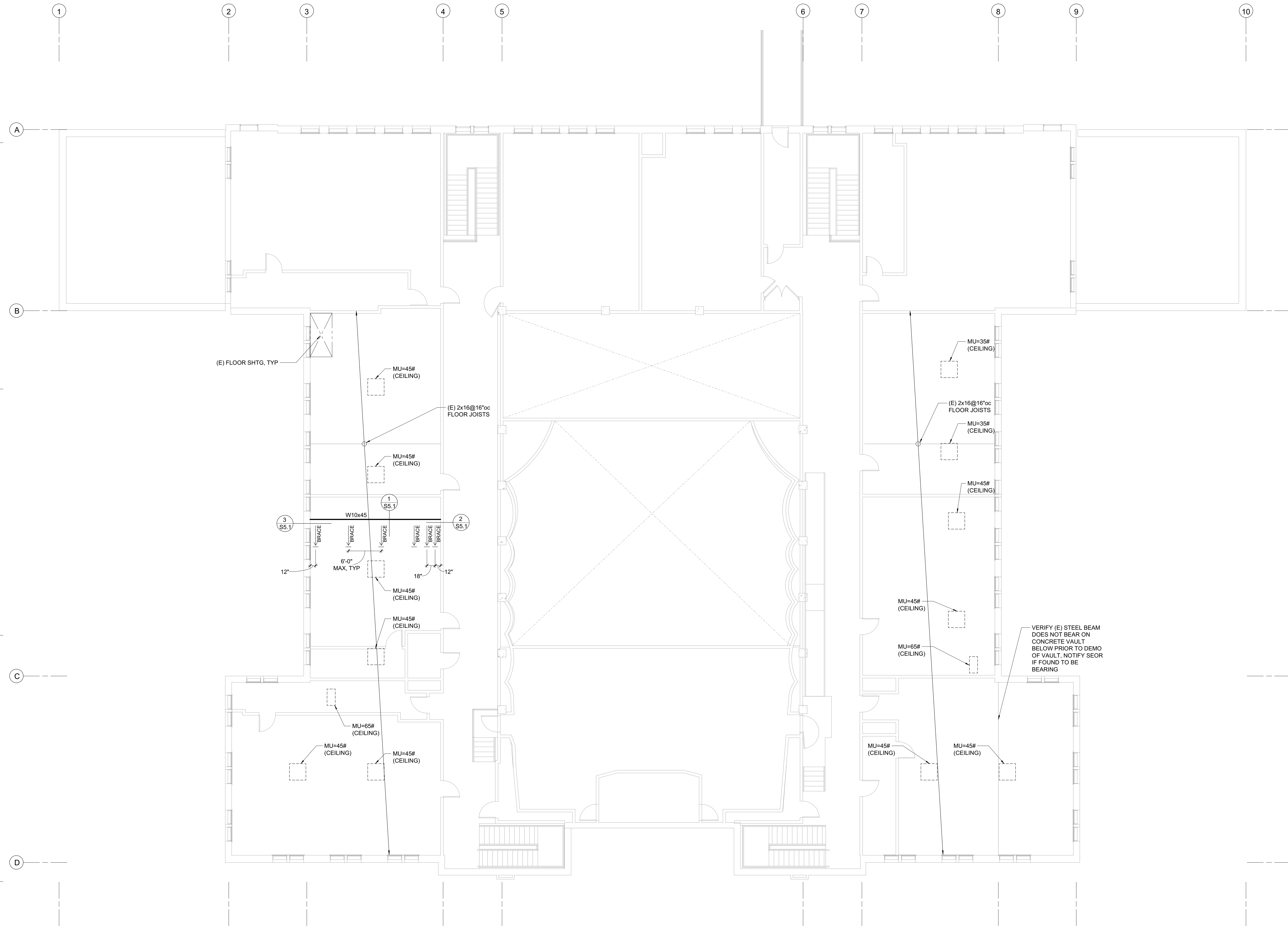
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SECOND FLOOR FRAMING PLAN NOTES:
1. WHERE NEW MECHANICAL, ELECTRICAL, OR PLUMBING REQUIRES EXISTING CEILING SHEATHING TO BE REMOVED, REMOVE (E) PLYWOOD IN RECTANGULAR SECTIONS AND REPLACE PLYWOOD/NAILING PER GENERAL NOTES AND DETAIL 3/S1.2.

PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
		INDICATES EXISTING WALLS ABOVE.
	1/S1.1	INDICATES NEW NON-BEARING COLD-FORMED STEEL PARTITION WALL ABOVE.
		INDICATES EXISTING STRUCTURAL WALL BELOW.
		INDICATES GRIDLINE AT FACE OR CENTERLINE OF WALL.
	2/M5.1 3/M5.1	INDICATES MECHANICAL UNIT AND MAXIMUM WEIGHT, SMD

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SECOND FLOOR FRAMING PLAN
1/8" = 1'-0"

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Project
ADMIN BUILDING REMODEL

Sheet Title
SECOND FLOOR FRAMING PLAN

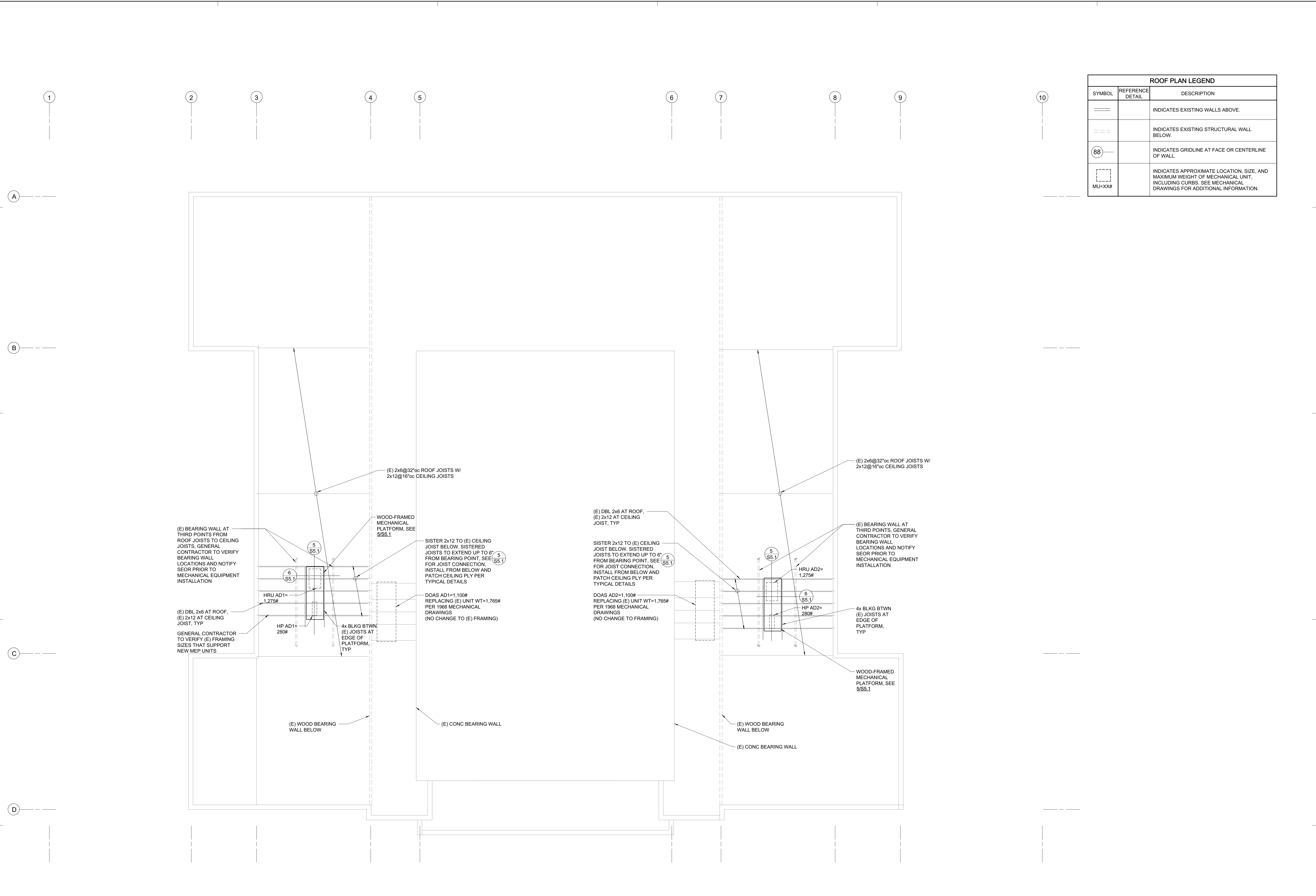
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Scale: As indicated
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Revit Version: 2020 Sheet 29 of 68

S2.2

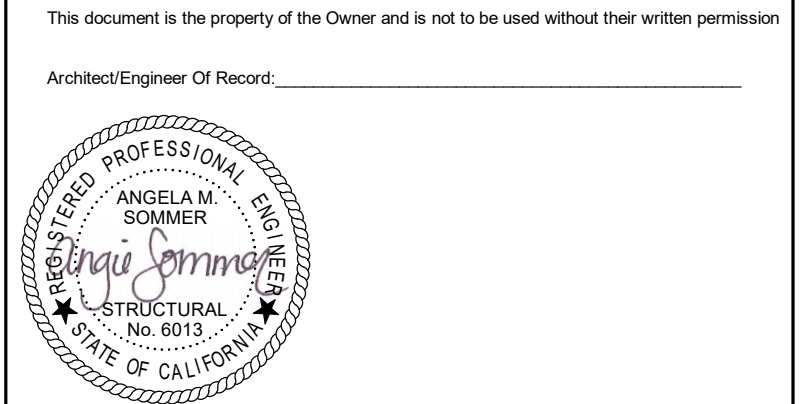
ROOF PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
—		INDICATES EXISTING WALLS ABOVE.
---		INDICATES EXISTING STRUCTURAL WALL BELOW.
⊖		INDICATES GRIDLINE AT FACE OR CENTERLINE OF WALL.
⊞		INDICATES APPROXIMATE LOCATION, SIZE, AND MAXIMUM WEIGHT OF MECHANICAL UNIT, INCLUDING CURBS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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ROOF FRAMING PLAN
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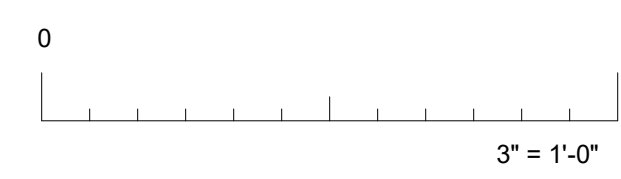
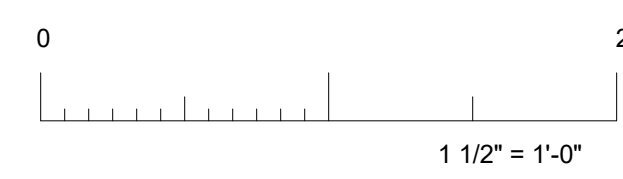
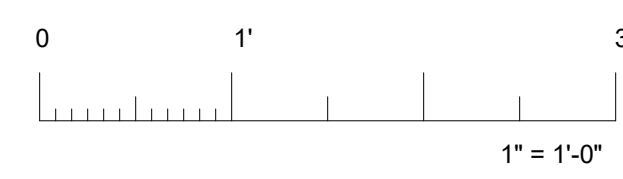
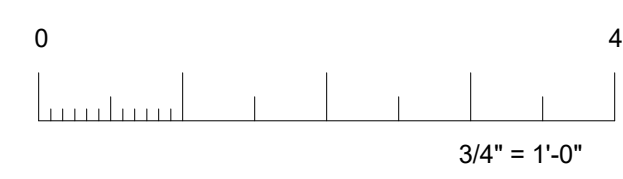
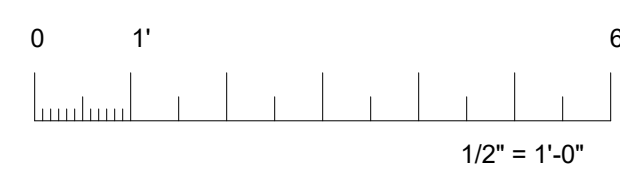
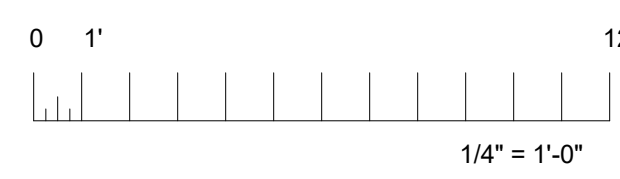
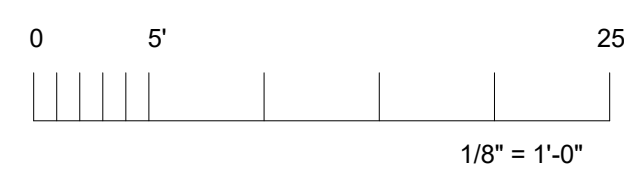
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Project: ADMIN BUILDING REMODEL

Sheet Title: ROOF FRAMING PLAN

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Sheet 30 of 68

S2.3

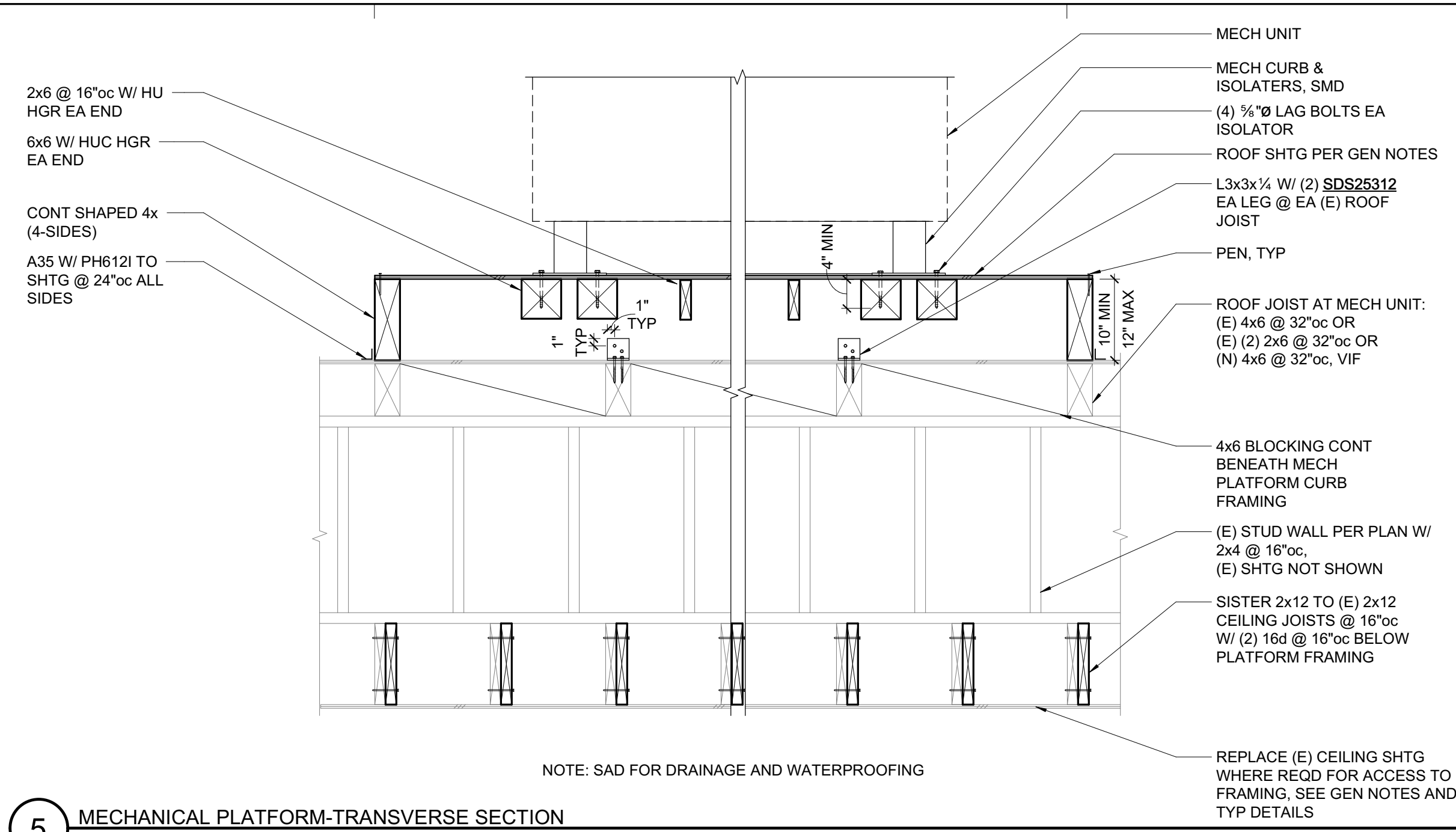


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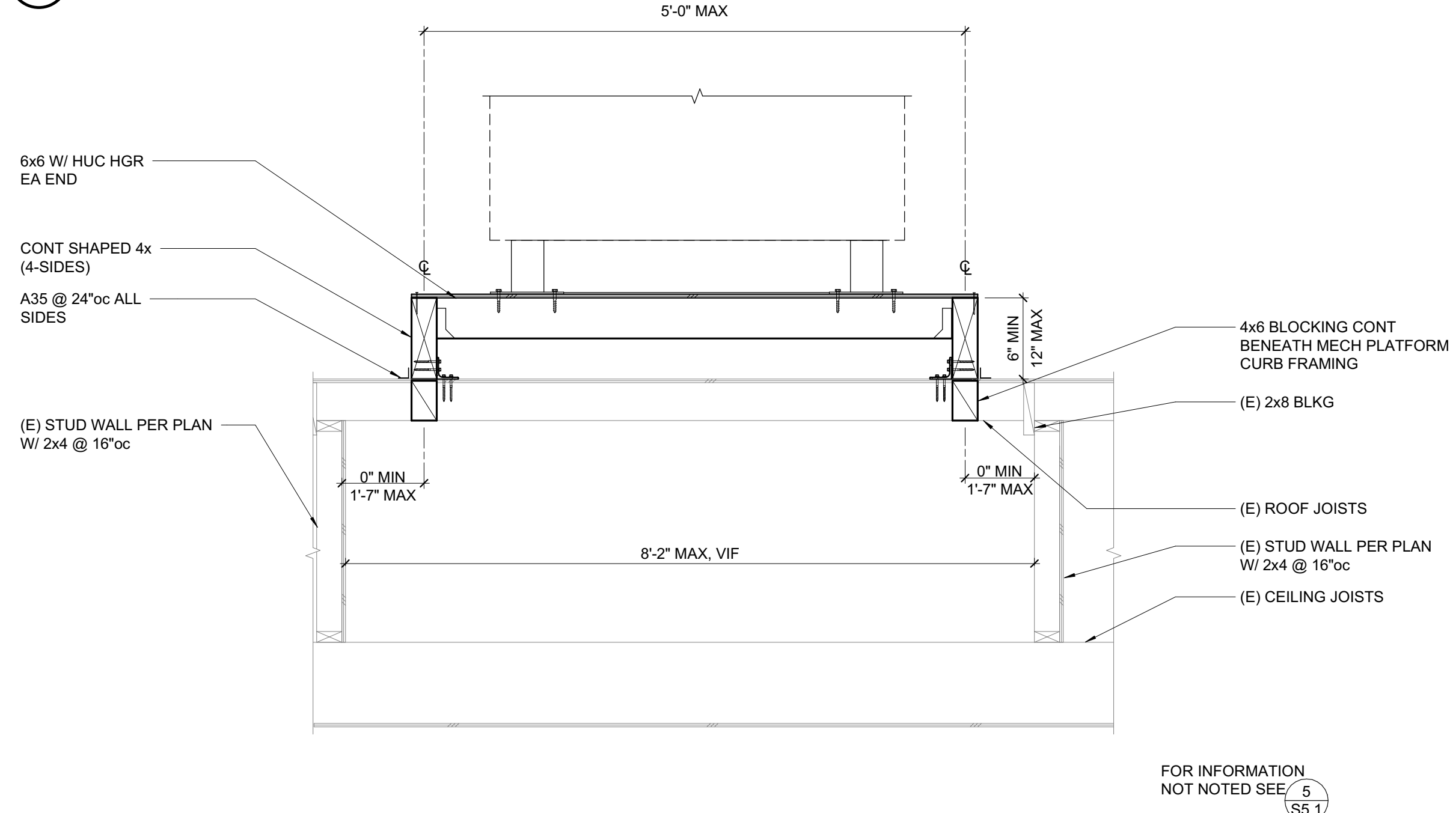
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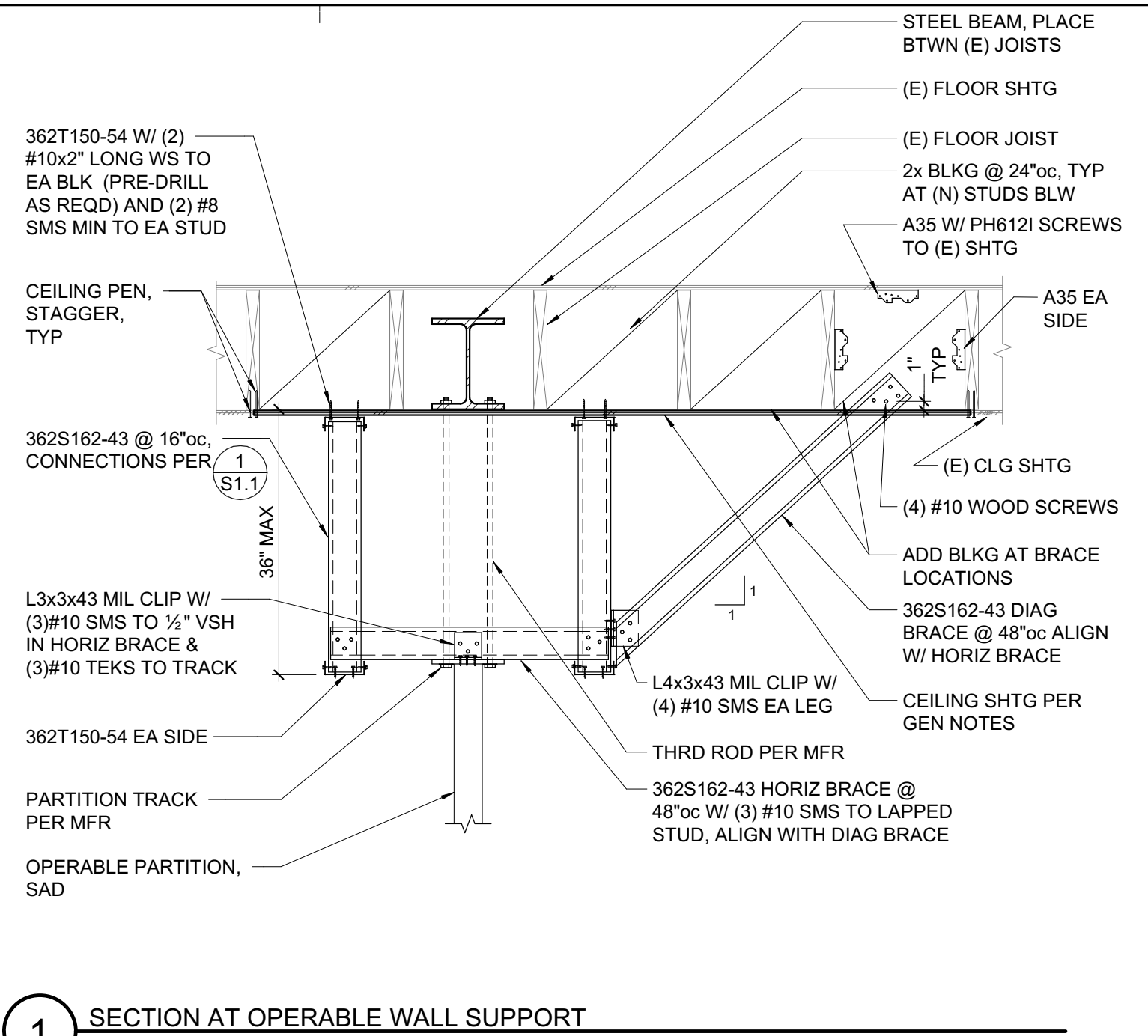
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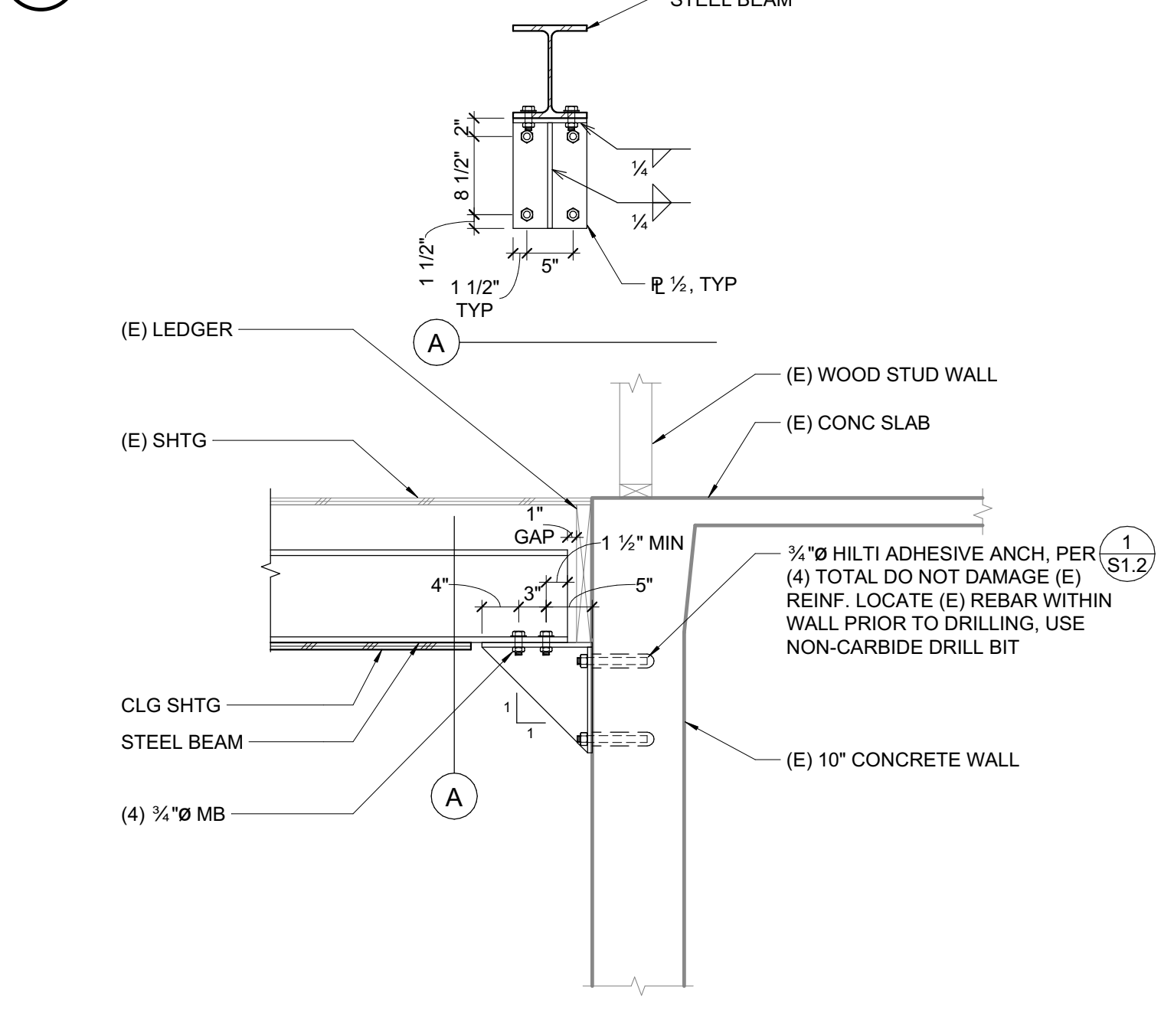
5 MECHANICAL PLATFORM-TRANSVERSE SECTION
3/4" = 1'-0"



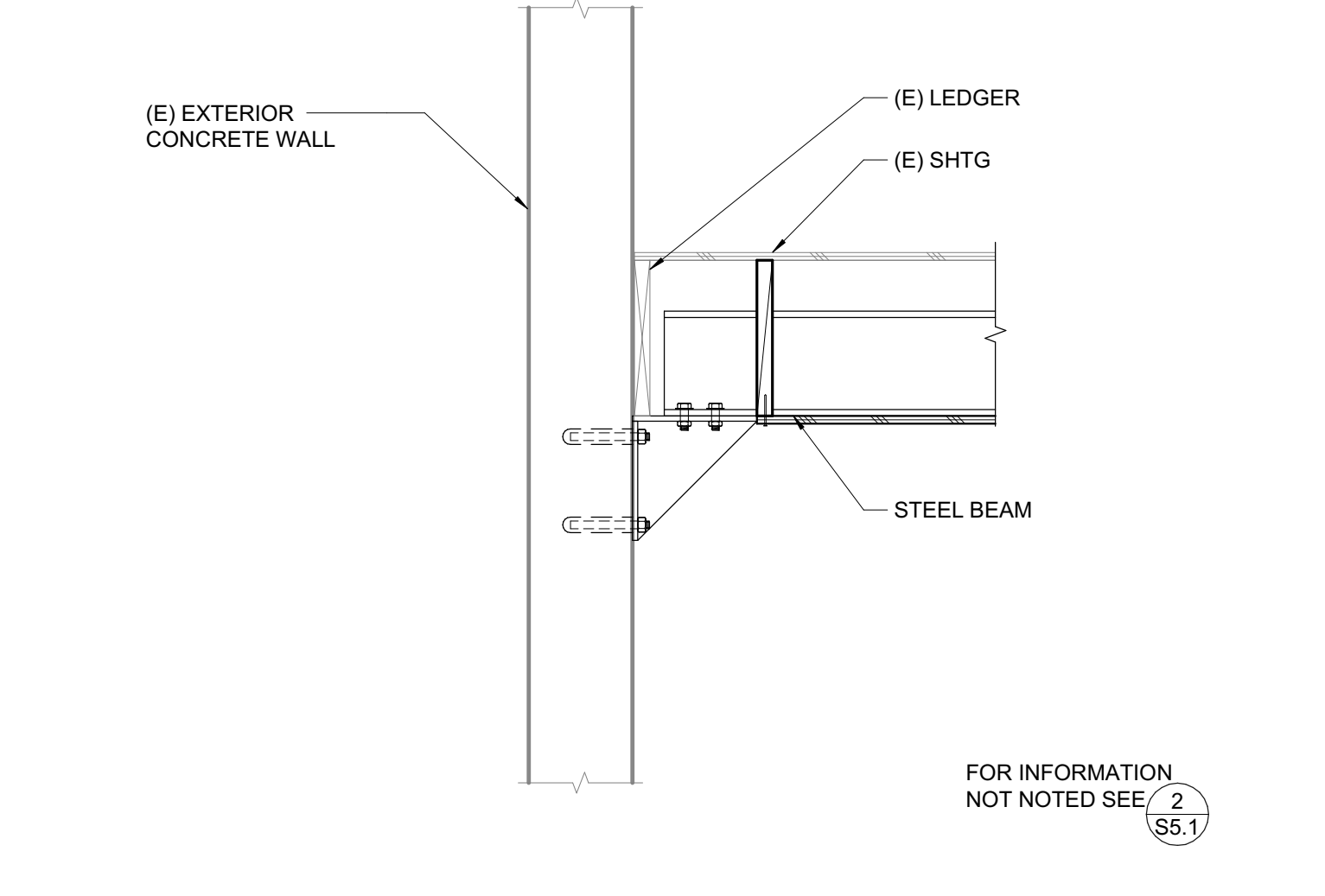
6 MECHANICAL PLATFORM-LONGITUDINAL SECTION
3/4" = 1'-0"



1 SECTION AT OPERABLE WALL SUPPORT
3/4" = 1'-0"

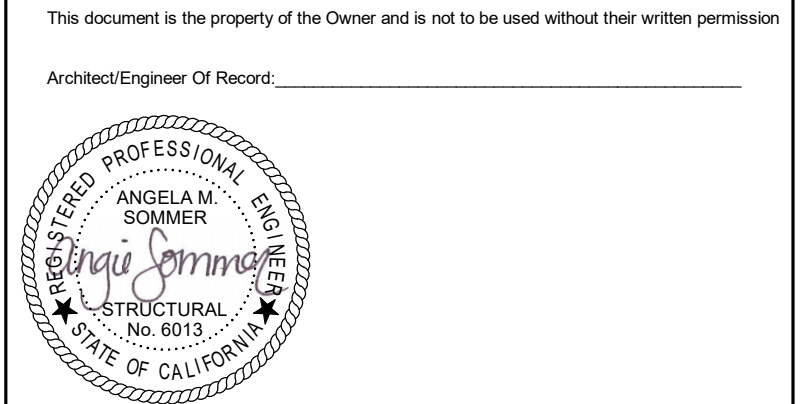


2 STEEL BEAM TO INTERIOR CONCRETE WALL CONNECTION
3/4" = 1'-0"



3 STEEL BEAM TO EXTERIOR CONCRETE WALL CONNECTION
3/4" = 1'-0"

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HY Architects Project number: 5561
Facility: SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901
Project: ADMIN BUILDING REMODEL

Sheet Title: DETAILS

ZFA Project Number: 20656

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S5.1

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1. THE DESIGN HAS BEEN BASED ON RECORD DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL PERFORM INVESTIGATION OF EXISTING CONDITIONS PRIOR TO INSTALLATION OF NEW WORK. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF EXISTING CONDITIONS THAT MAY NOT ALLOW INSTALLATION OF NEW WORK AS SHOWN.

KEYNOTES:

- 1 EXISTING DUCTWORK, DIFFUSERS AND GRILLES TO REMAIN UNLESS OTHERWISE NOTED.
- 2 EXISTING DUCTWORK, DIFFUSERS AND GRILLES TO BE REMOVED.
- 3 EXISTING THERMOSTAT TO BE REMOVED.



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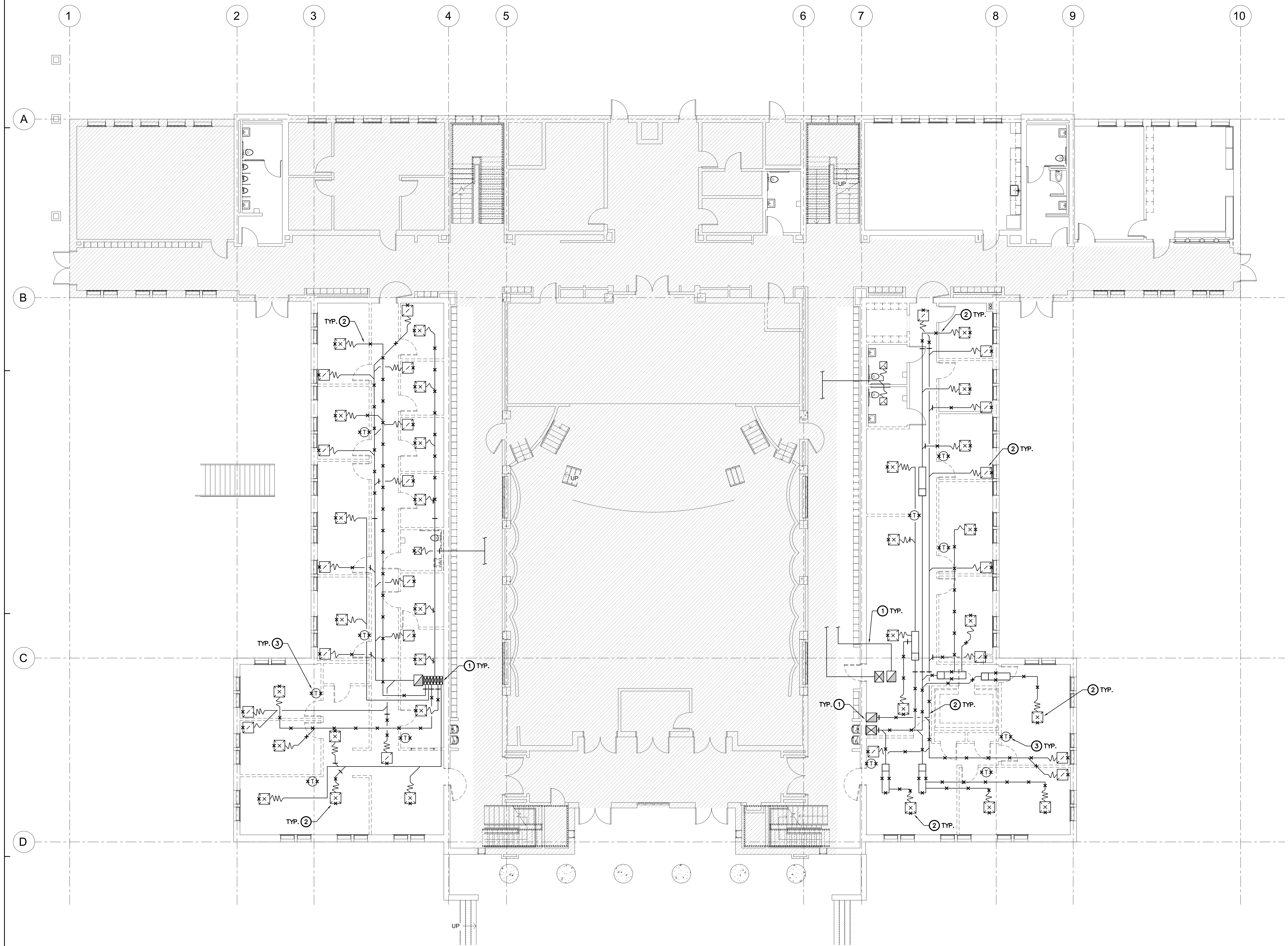
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 510.446.2222 tel; 510.446.2211 fax
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Facility
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Project
 AD BUILDING REMODEL

Sheet Title
 MECHANICAL FIRST FLOOR DEMOLITION PLAN

Client Project Number: _____ Client Proj. # _____
 Scale: 1/8" = 1'-0"
 Drawn By: RC/JH
 Checked By: TD
 Issue Date: 7/16/21
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 Sheet 34 of 68



MECHANICAL FIRST FLOOR DEMOLITION PLAN
 SCALE : 1/8" = 1'-0"
1
M1.1

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KEYNOTES:

- 1 REMOVE EXISTING ROOFTOP AIR HANDLING UNIT. REMOVE CONTROLS. PREPARE EXISTING CURB AND SUPPLY/RELIEF DUCTWORK FOR CONNECTION TO NEW DOAS UNIT AS SHOWN ON M2.2.
- 2 REMOVE 1-1/4" HHWS&R PIPING CONNECTIONS TO EXISTING AHU. CONNECT SUPPLY AND RETURN PIPING TO CREATE NEW BYPASS LOOP.
- 3 REMOVE EXISTING CONDENSING UNIT, REFRIGERANT PIPING, AND CONTROLS.



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 HY Architects Project number: 5561

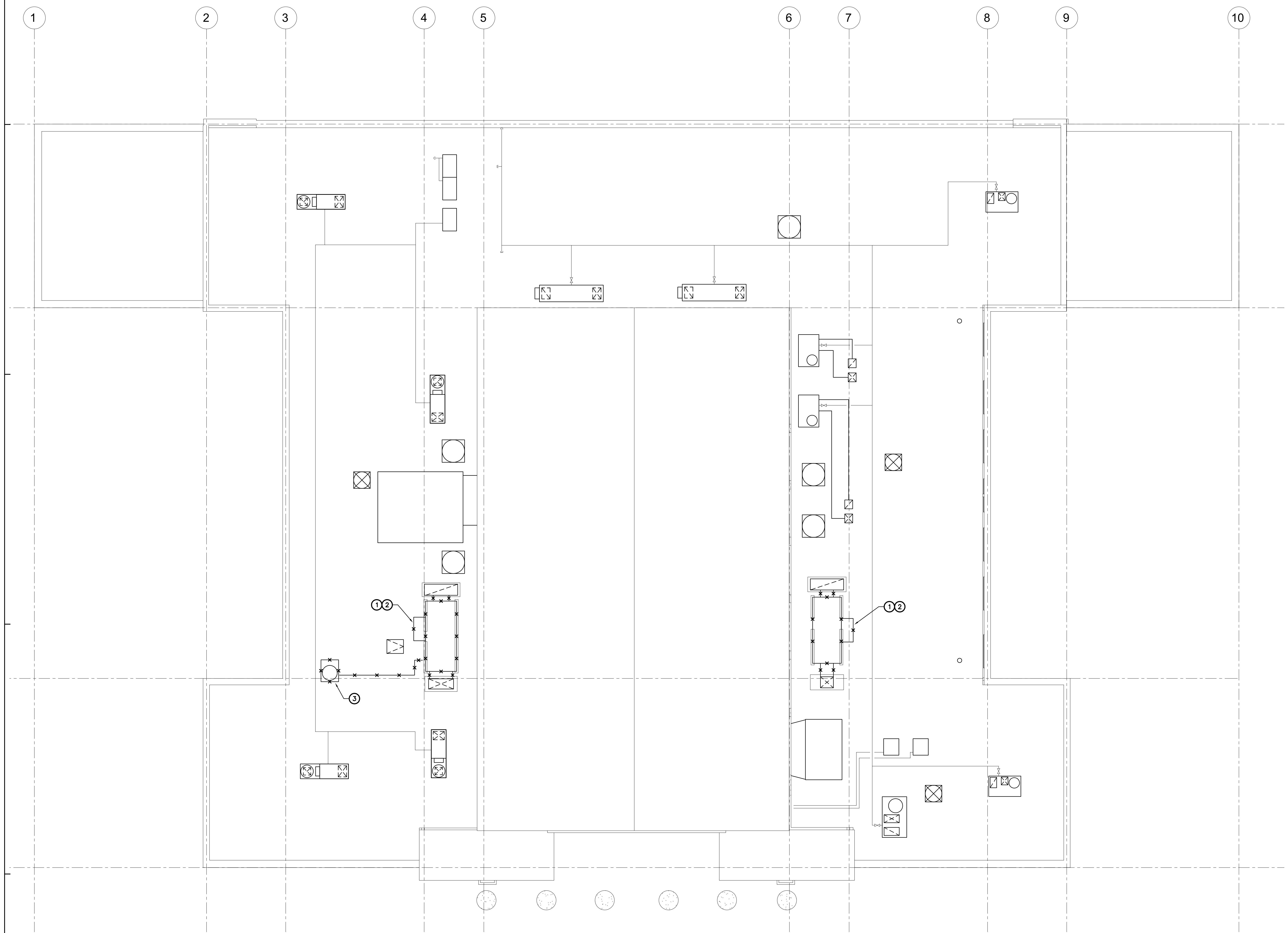
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Project
 AD BUILDING REMODEL

Sheet Title
 MECHANICAL ROOF
 DEMOLITION PLAN

Client Project Number: _____ Client Proj. # _____
 Scale: 1/8" = 1'-0"
 Drawn By: RC/JH
 Checked By: TD
 Issue Date: 7/16/21
 Revit Version: 2019
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M1.2



MECHANICAL ROOF DEMOLITION PLAN
 SCALE : 1/8" = 1'-0"

1
M1.2

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SHEET NOTES:

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF FAN COIL UNITS, CEILING DIFFUSERS, ETC.
- CONDENSATE DRAIN LINES ARE 3/4" UNLESS OTHERWISE NOTED.
- FOR TYPICAL LAY-IN DIFFUSER MOUNTING, REFER TO DETAIL 7/M5.2, TYP.
- FOR TYPICAL CONCEALED DUCT SUPPORT, REFER TO DETAIL 4/M5.2, TYP.

KEYNOTES:

- "SAMSUNG" CENTRAL CONTROLLER, COORDINATE WITH ELECTRICAL DRAWINGS FOR EXACT LOCATION.
- CONNECT TO (E) 24"x20" DUCT RISERS. REVISE BOTTOM OF DUCT RISERS AS REQUIRED TO ACCOMMODATE NEW CEILING HEIGHT.



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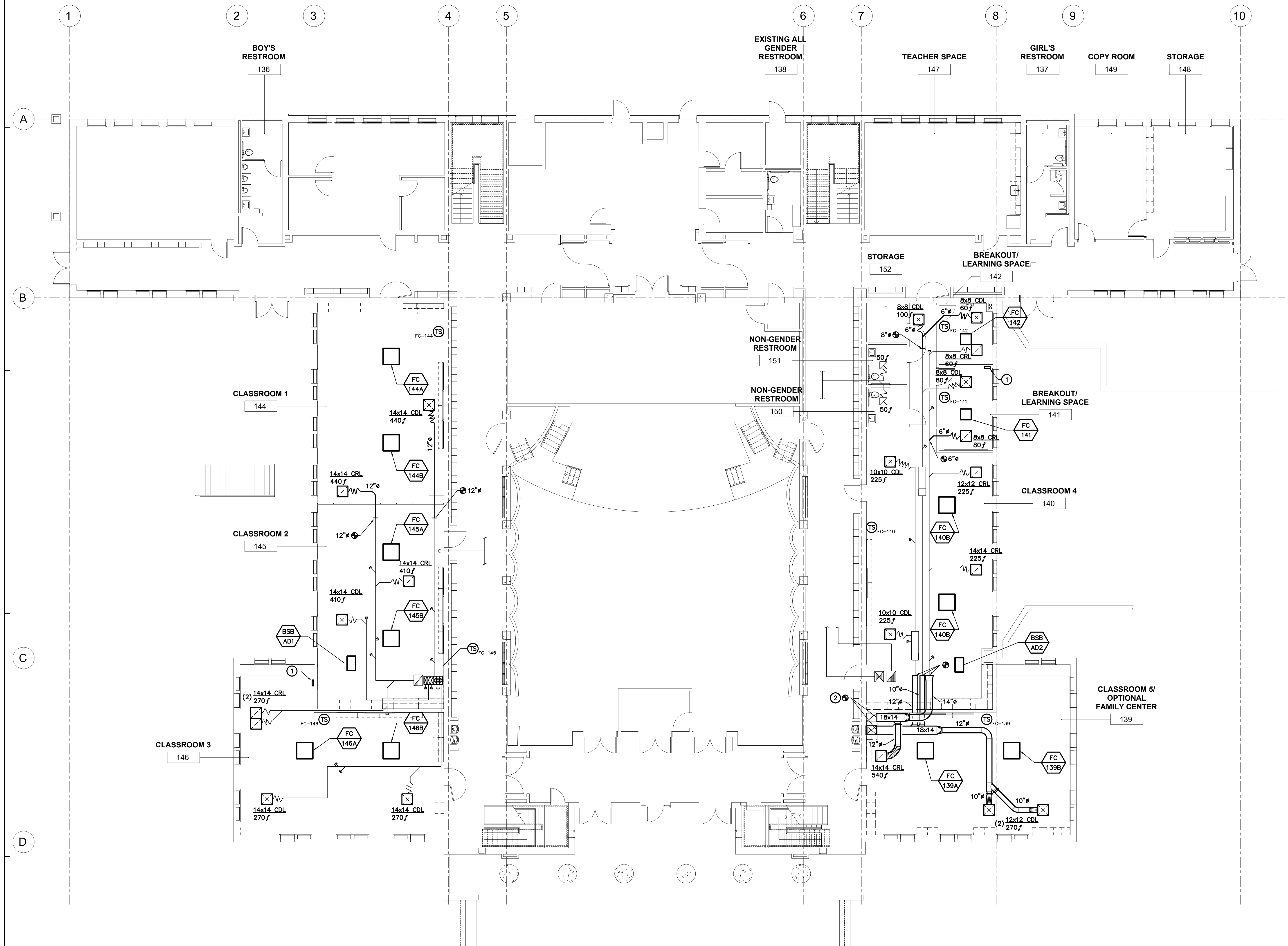
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 510.446.2222 tel; 510.446.2211 fax
 HY Architects Project number: 5561

Facility: SAN RAFAEL HIGH SCHOOL
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Project: AD BUILDING REMODEL

Sheet Title: MECHANICAL FIRST FLOOR PLAN

Client Project Number:	Client Proj. #
Scale: 1/8" = 1'-0"	Sheet
Drawn By: RC/JH	M2.1
Checked By: TD	
Issue Date: 7/16/21	
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MECHANICAL FIRST FLOOR PLAN
 SCALE : 1/8" = 1'-0" **1 M2.1**

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Project
 AD BUILDING REMODEL

Sheet Title
 MECHANICAL ROOF PLAN

Client Project Number: _____ Client Proj. # _____
 Scale: 1/8" = 1'-0"
 Drawn By: RC/JH
 Checked By: TD
 Issue Date: 7/16/21
 Revit Version: 2019
 Sheet 37 of 68

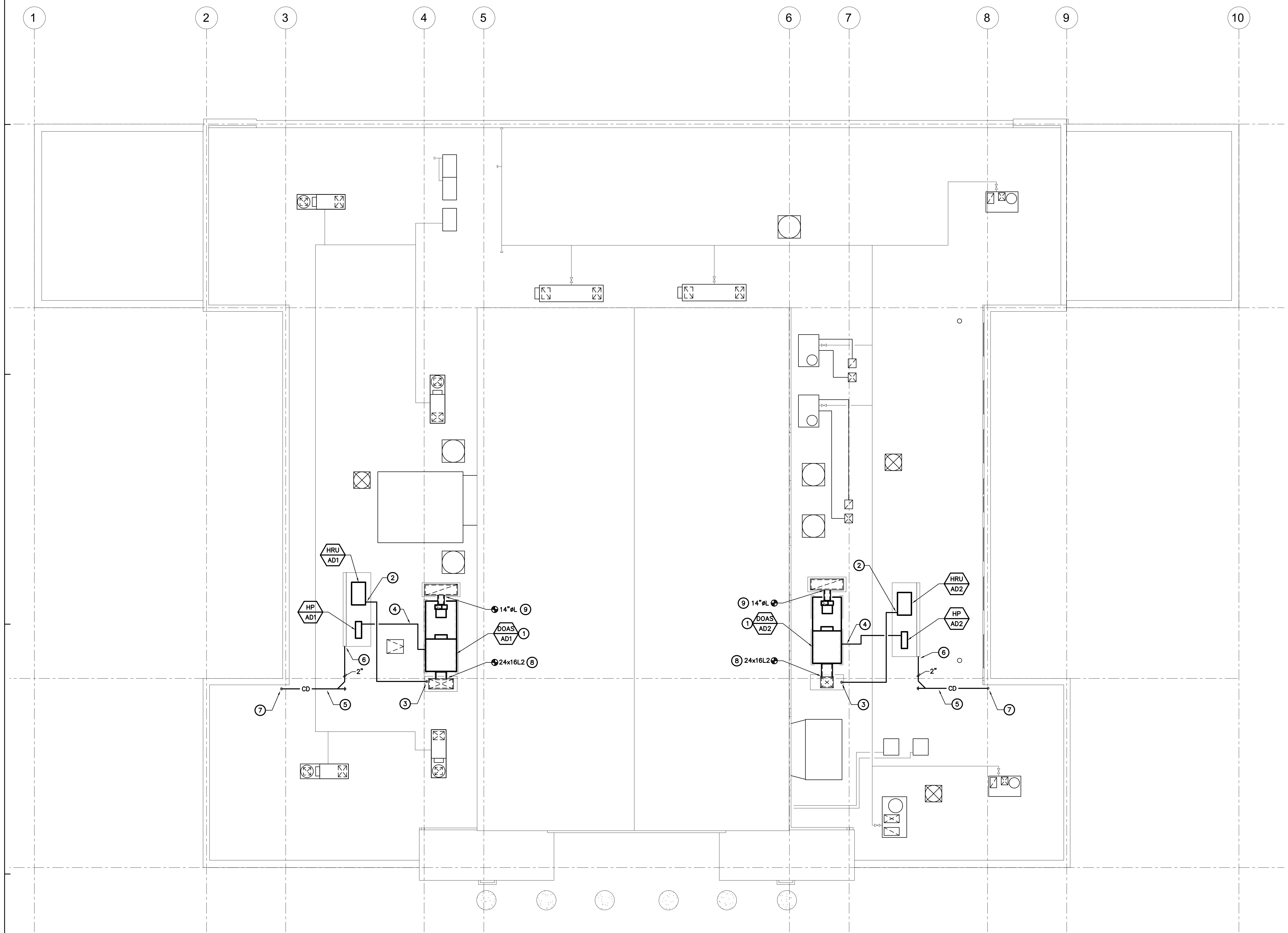
M2.2

SHEET NOTES:

- COORDINATE OUTSIDE AIR INTAKE LOCATIONS WITH PLUMBING VENT(S) THRU ROOF, EXHAUST AIR DISCHARGE(S), FLUE VENT(S), ETC. TO MAINTAIN A MINIMUM WORKING CLEARANCE OF 10'-0", TYP.
- REFRIGERANT PIPING SHOWN AS SINGLE LINE FOR CLARITY, REFER TO SHEETS M6.3 AND M6.4 FOR QUANTITY AND SIZING.

KEYNOTES:

- DOAS UNIT MOUNTED TO EXISTING CURB AND CONNECTED TO EXISTING SUPPLY/RELIEF DUCTS. CONTRACTOR SHALL FIELD MEASURE CURB & DUCT DIMENSIONS PRIOR TO PREPARING EQUIPMENT SUBMITTALS.
- PROVIDE "MASON" ULCPFS FLEXIBLE HOSE CONNECTOR FOR REFRIGERANT PIPING CONNECTION TO UNIT.
- REFRIGERANT PIPING DOWN THRU ROOF, REFER TO DETAIL 1/M5.2.
- REFRIGERANT PIPING AND CONTROL CONDUIT MOUNTED ON ROOF WITH SHEET METAL COVER, REFER TO DETAIL 2/M5.2.
- CONDENSATE PIPING MOUNTED ON ROOF, REFER TO DETAIL 3/M5.2.
- CONDENSATE PIPING CONNECTION TO GUTTER SYSTEM, REFER TO DETAIL 1/M5.1.
- CONDENSATE DRAIN LINE, TERMINATE AT DOWNSPOUT WITH DOWN TURNED ELL WHILE MAINTAINING MINIMUM 1" AIR GAP.
- 24"x16"L2 SA DUCT CONNECTED TO SIDE OF EXISTING LINED SA DUCT.
- 14"AL RELIEF DUCT CONNECTED TO SIDE OF EXISTING LINED RA DUCT.



MECHANICAL ROOF PLAN
 SCALE : 1/8" = 1'-0"

1
M2.2



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SHEET NOTES:

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF FAN COIL UNITS, CEILING DIFFUSERS, ETC.
- REFRIGERANT PIPING SHOWN AS SINGLE LINE FOR CLARITY. REFER TO SHEETS M6.3 AND M6.4 FOR QUANTITY AND SIZING.
- CONDENSATE DRAIN LINES ARE 3/4" UNLESS OTHERWISE NOTED.

KEYNOTES:

- VRF REFRIGERANT PIPING CONCEALED ABOVE CEILING. REFER TO SHEETS M6.3 AND M6.4 FOR QUANTITY AND SIZING, TYP.
- REFRIGERANT PIPING UP THRU EXISTING SHAFT TO ROOF. SEE DETAIL 1/M5.2 FOR ROOF PENETRATION DETAIL.
- 3/4" CONDENSATE DRAIN LINE, ROUTE TO AND TERMINATE ABOVE AREA DRAIN WITH TURNED DOWN ELL. MAINTAIN MINIMUM 1" AIR GAP.
- 3/4" CONDENSATE DRAIN LINE, ROUTE THRU WALL AND TERMINATE AT DRY WELL, SEE DETAIL 5/M5.2 FOR DRY WELL DETAIL.



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Facility: SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

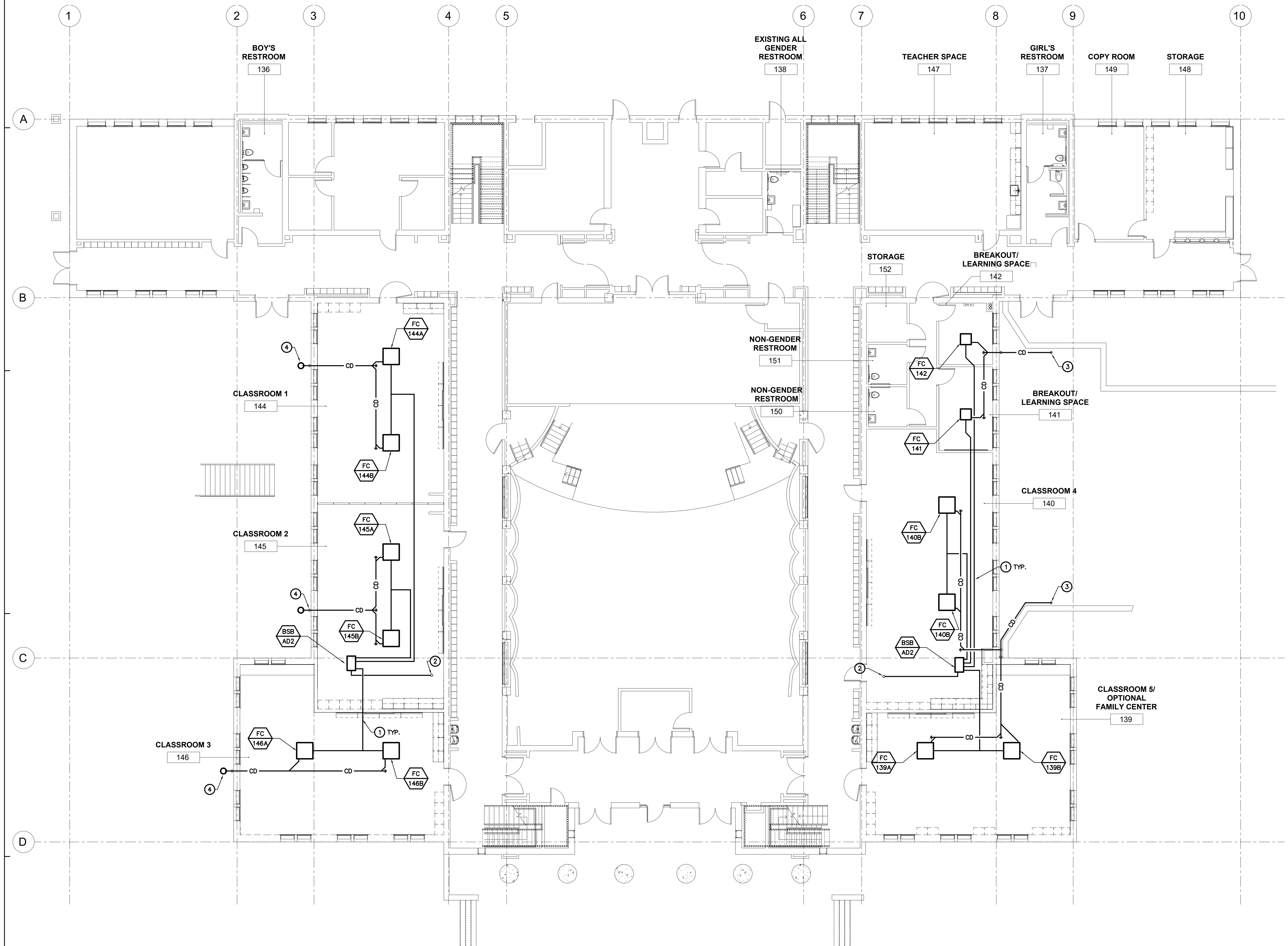
Project: AD BUILDING REMODEL

Sheet Title: MECHANICAL FIRST FLOOR PIPING PLAN

Client Project Number: _____ Client Proj. # _____

Scale: 1/8" = 1'-0"
 Drawn By: RC/JH
 Checked By: TD
 Issue Date: 7/16/21
 Revit Version: 2019
 Sheet 38 of 68

M3.1

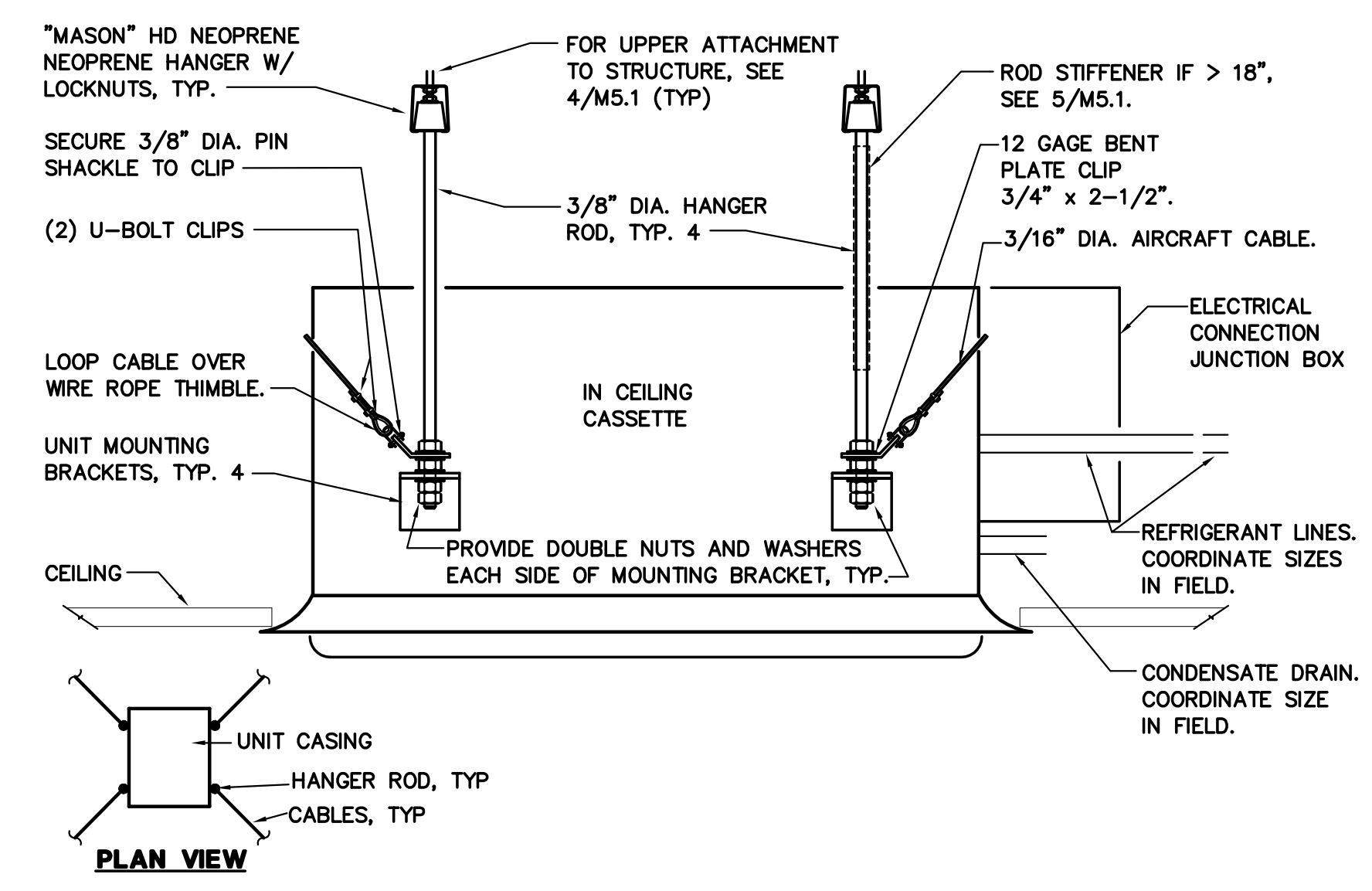


MECHANICAL FIRST FLOOR PIPING PLAN
 SCALE : 1/8" = 1'-0"

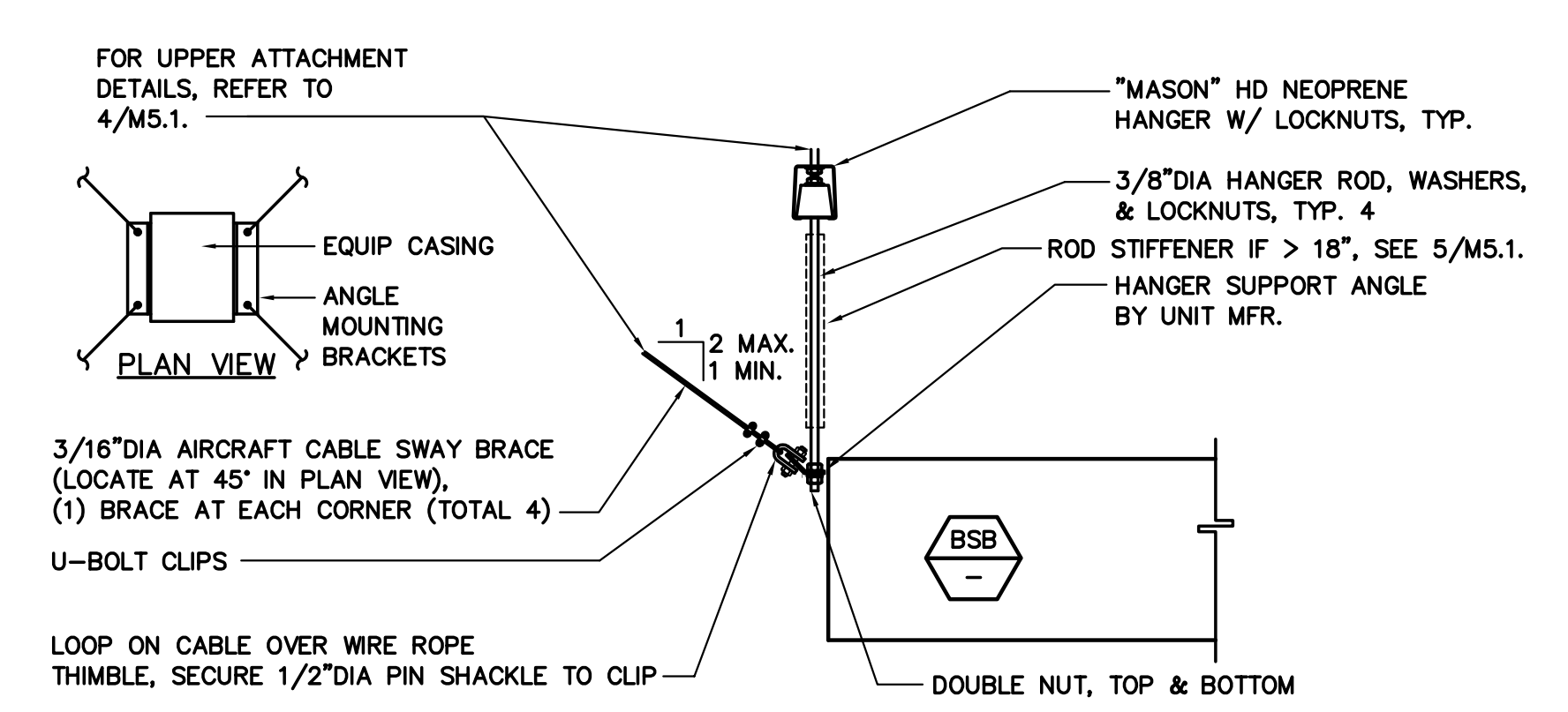
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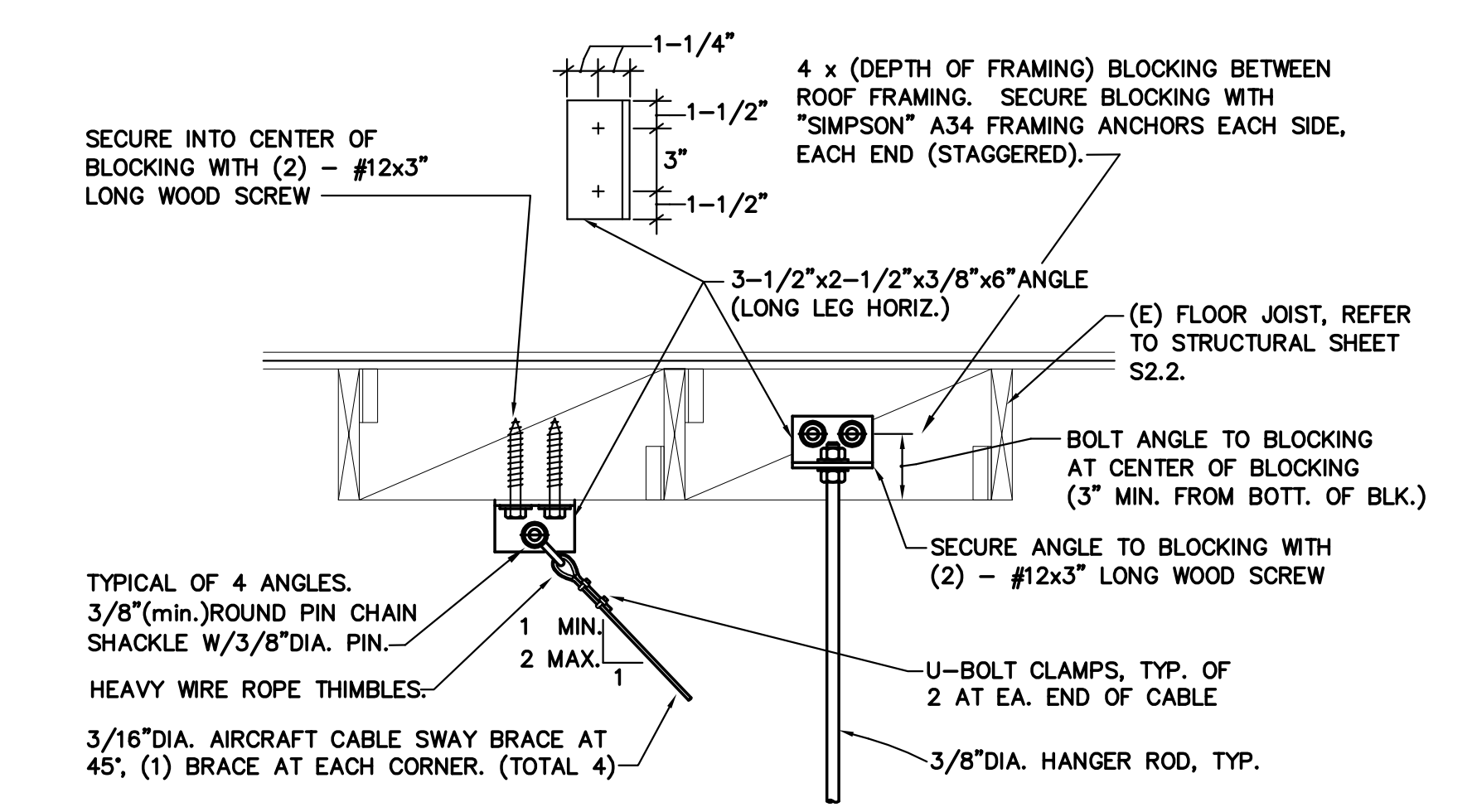
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 APP: 01-119449 INC.
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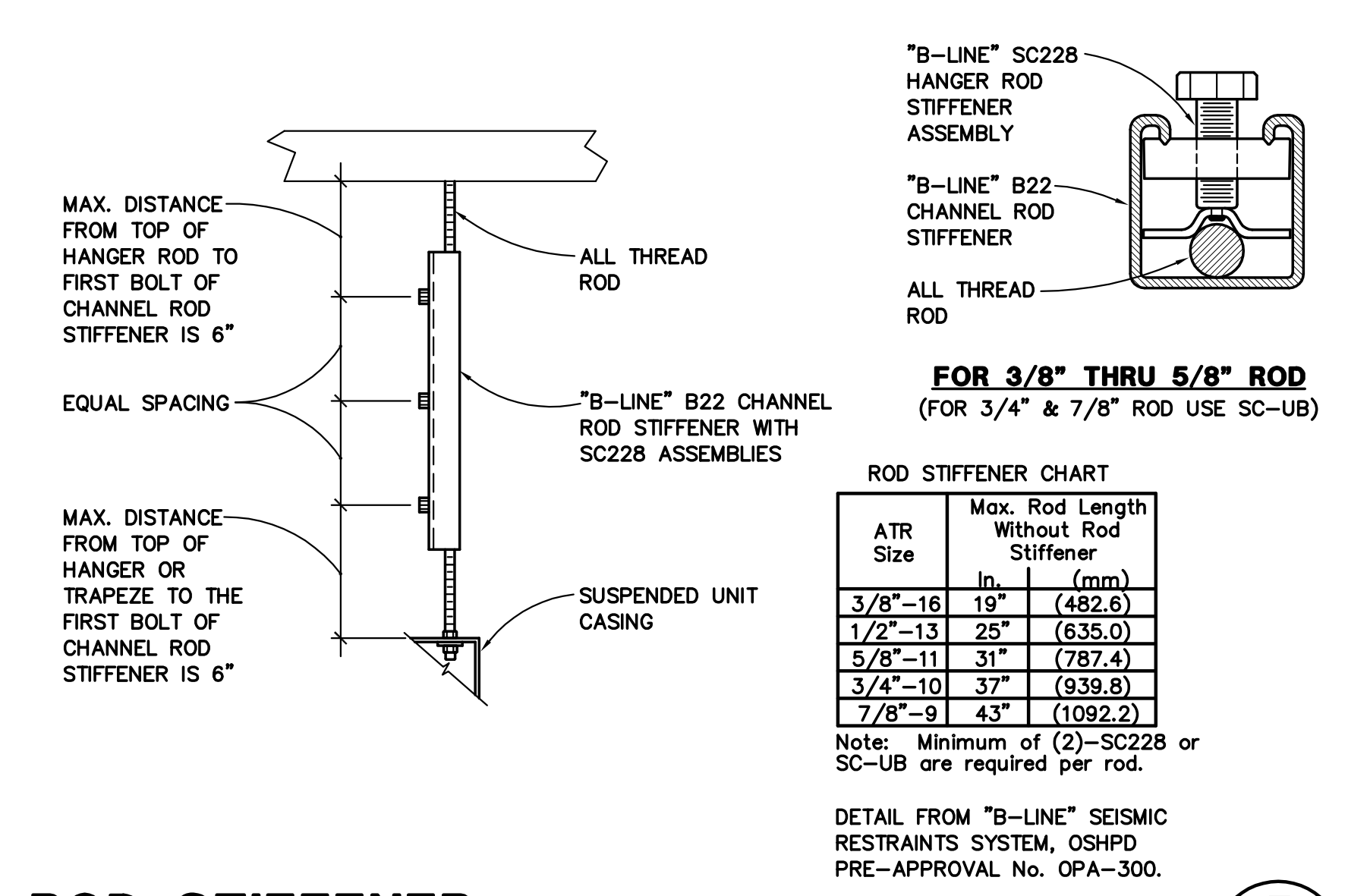
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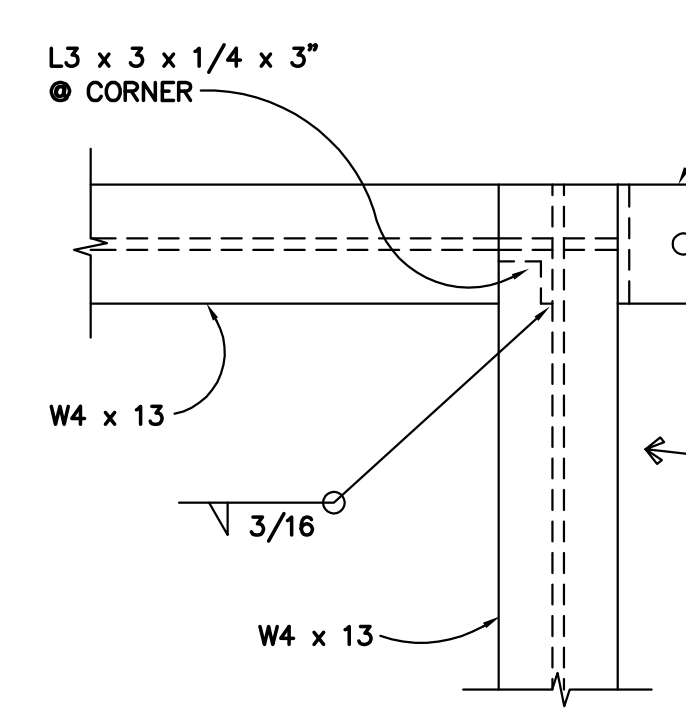
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 SCALE : NONE
 3 M5.1



UPPER ATTACHMENT MOUNTING
 SCALE : NONE
 4 M5.1

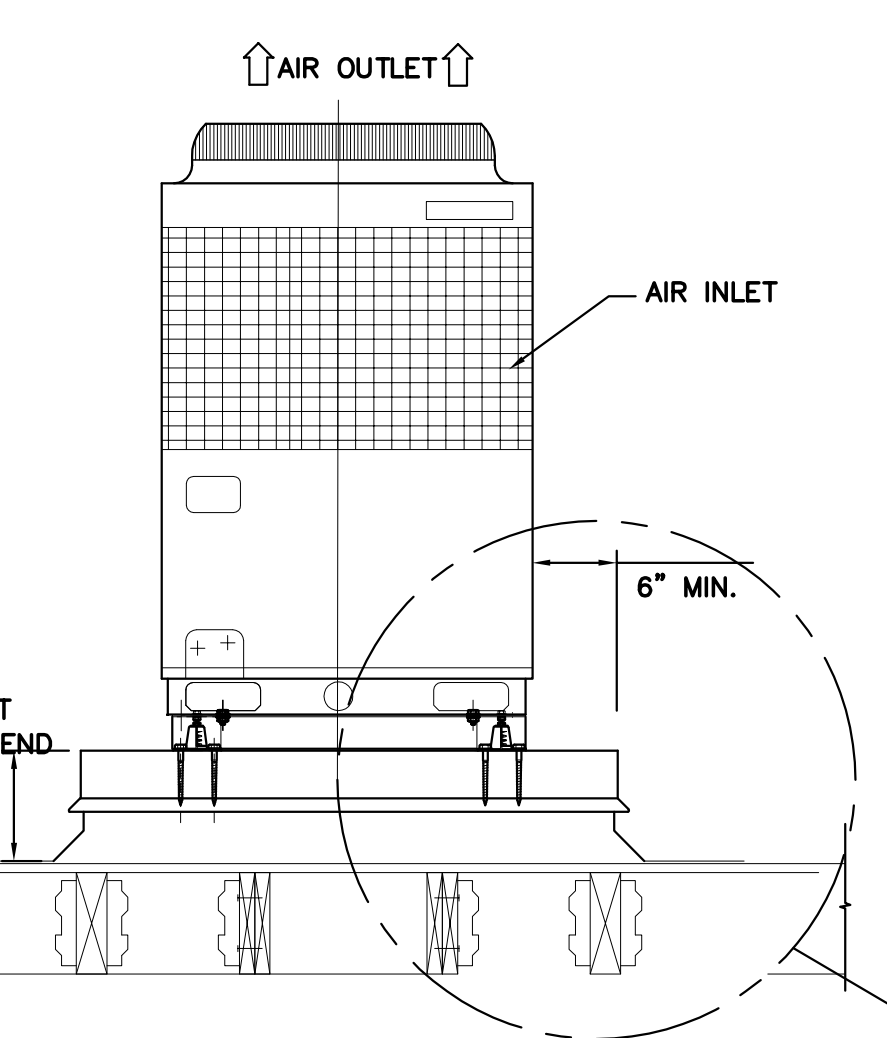


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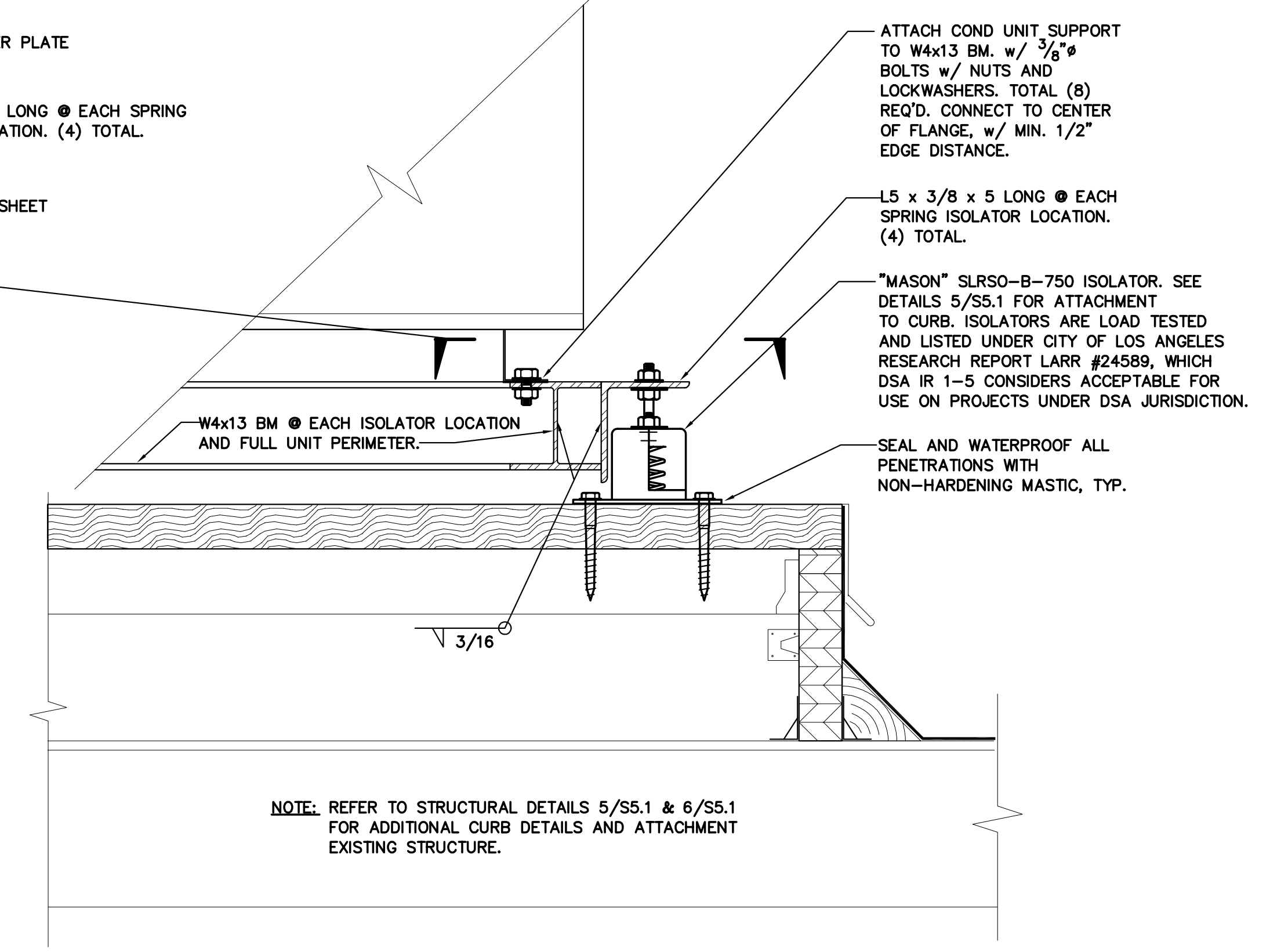


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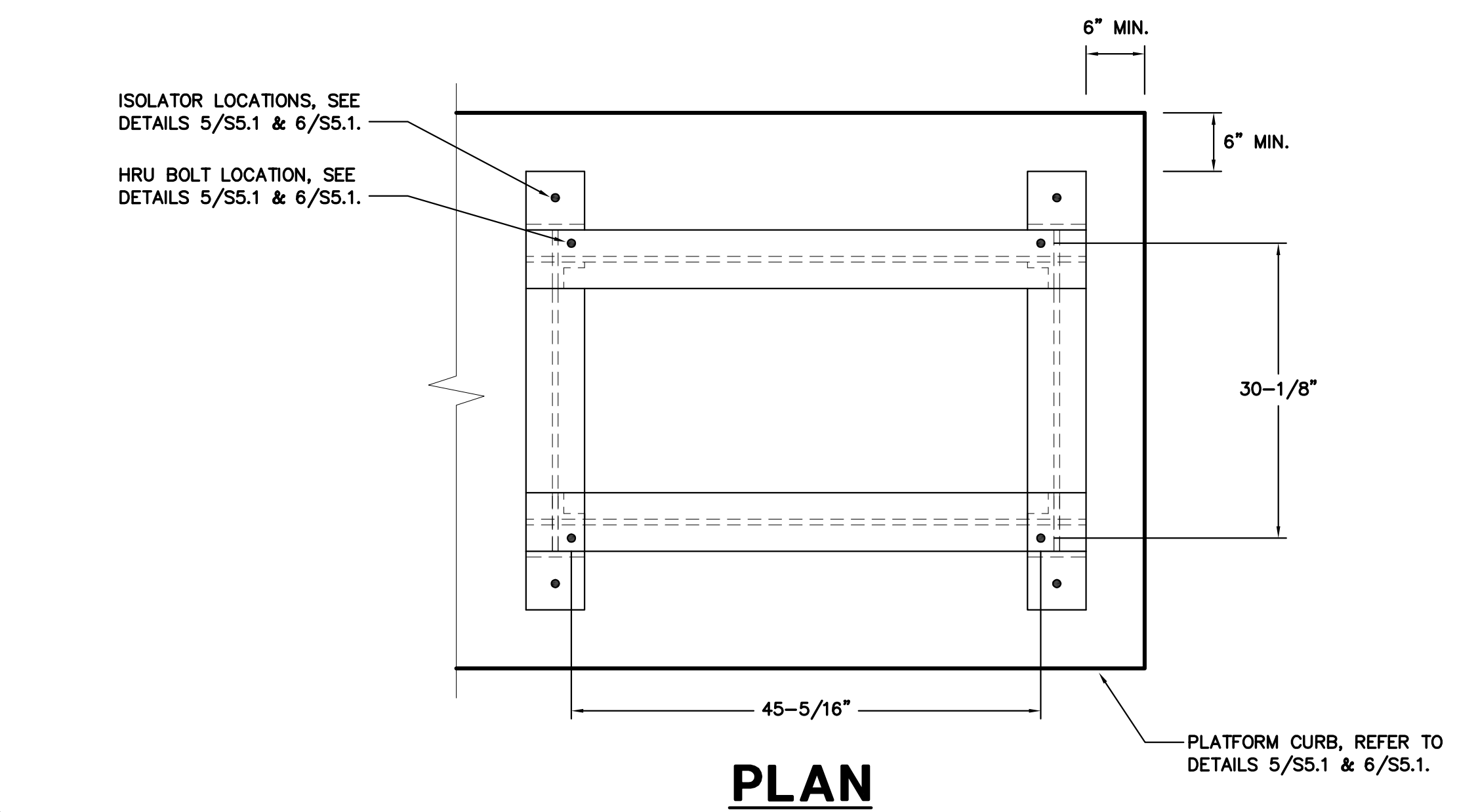
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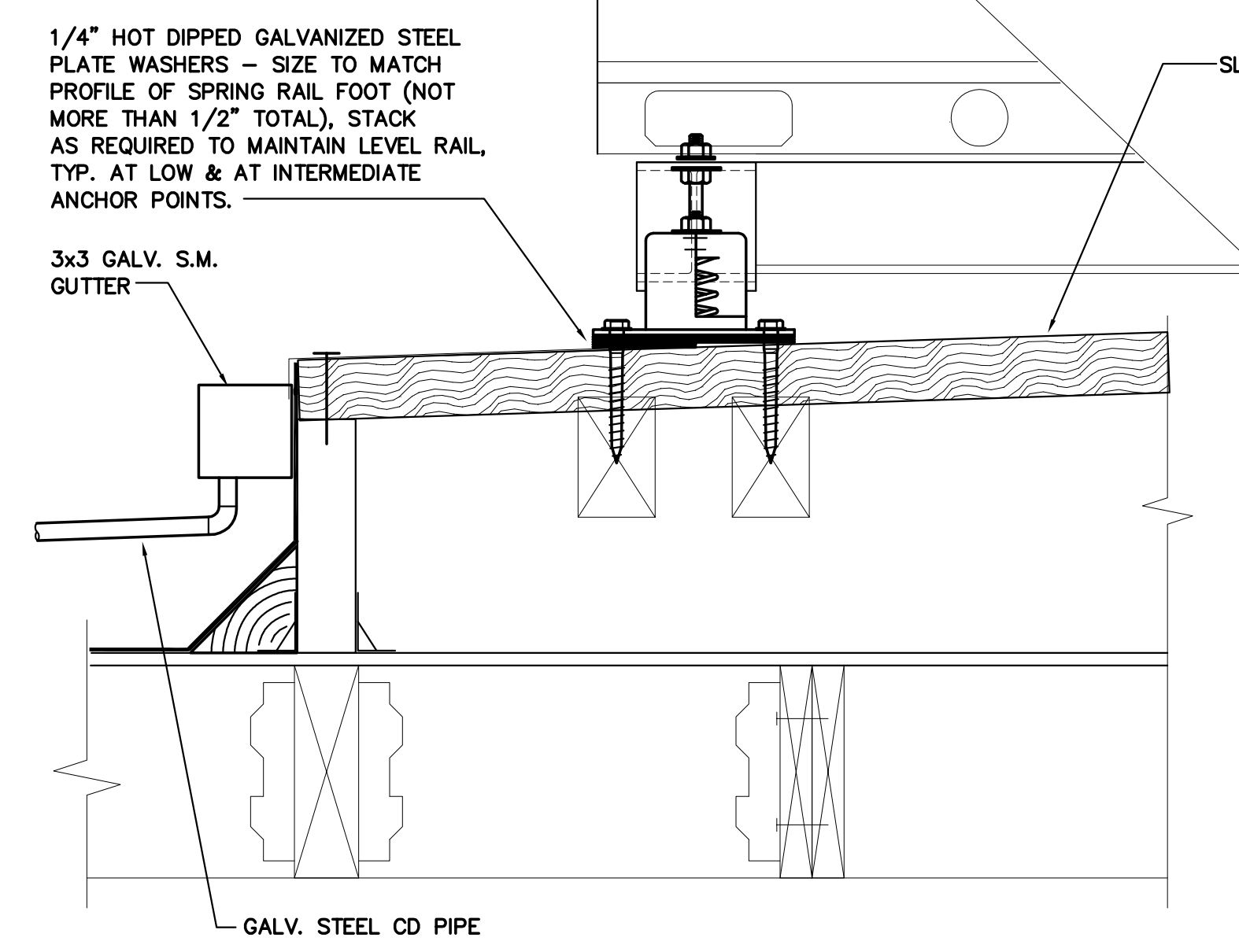
HEAT RECOVERY UNIT MOUNTING DETAIL
 SCALE : NONE



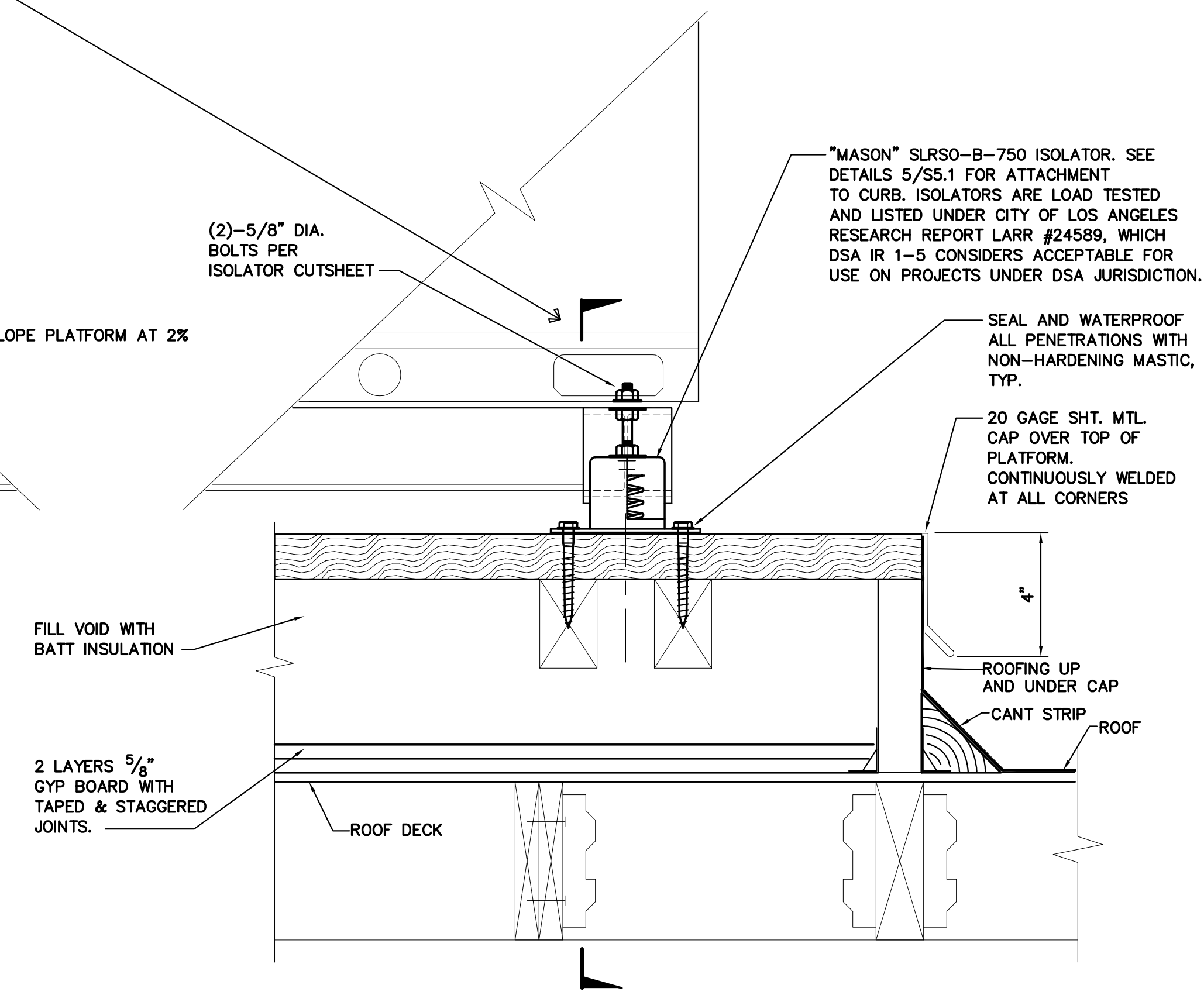
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PLAN



HEAT RECOVERY UNIT MOUNTING DETAIL
 SCALE : NONE



SECTION

SR SAN RAFAEL CITY SCHOOLS

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DATE SIGNED: 07/14/21
CAPITAL ENGINEERING CONSULTANTS, INC.
 RANCHO CERRITOS, CALIFORNIA
 TD - RCJ/H 200513.00
 PRE - DESIGN TEAM PROJECT NO.

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HY HIBSER YAMAUCHI Architects, Inc.
 300 - 27th Street
 Oakland, CA 94612
 510.446.2222 tel / 510.446.2211 fax

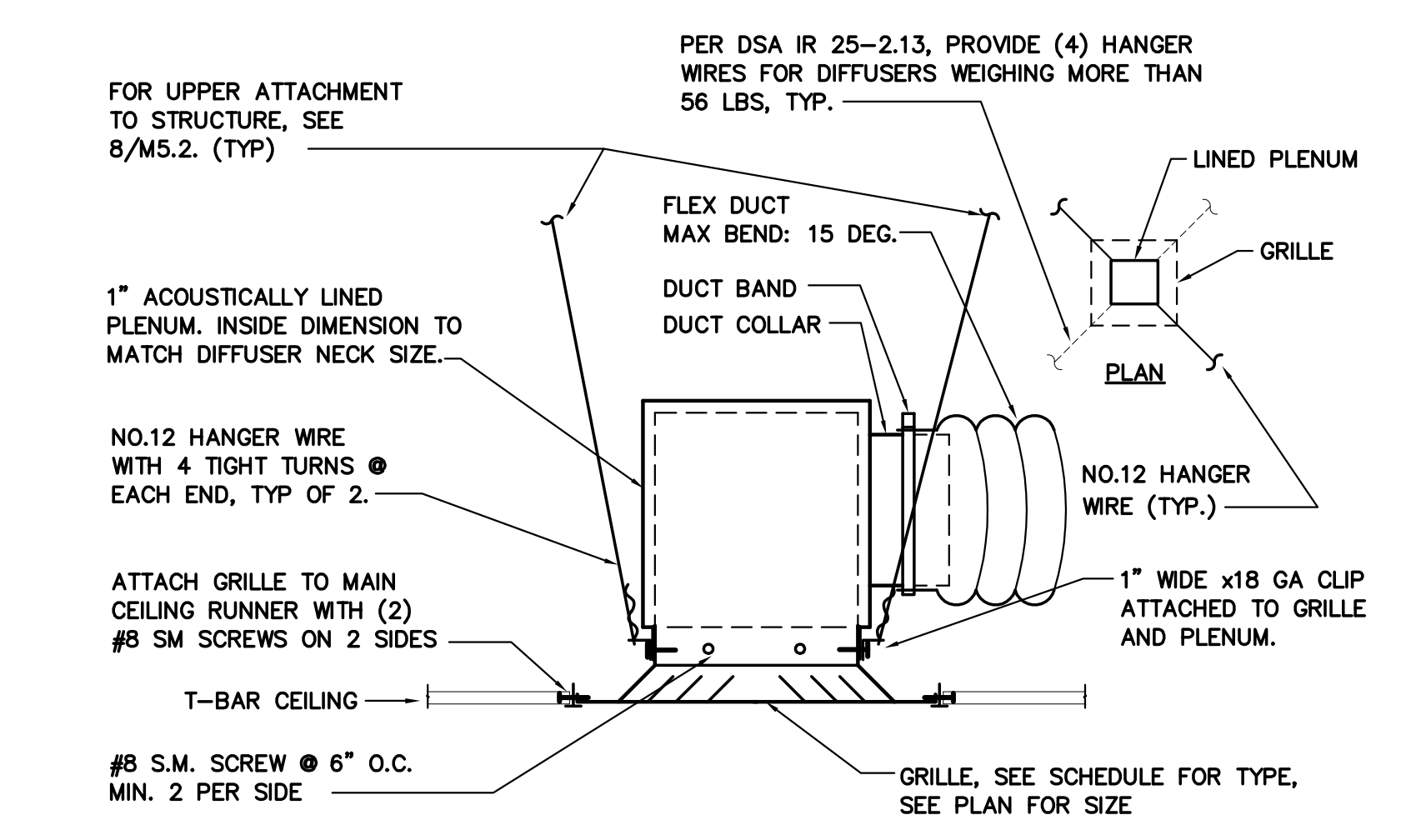
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 150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

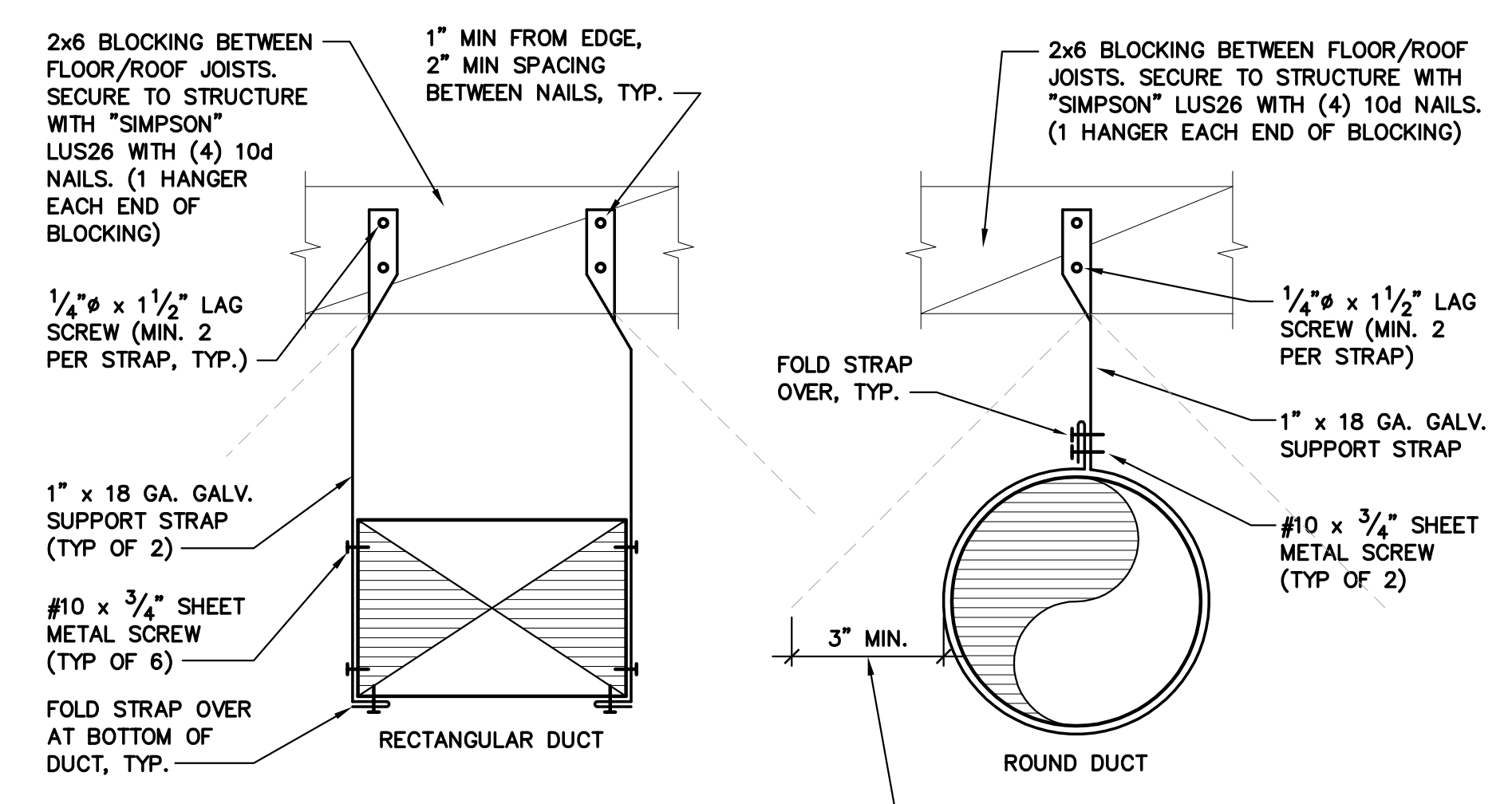
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Client Project Number: _____ Client Proj. # _____
 Scale: NONE
 Drawn By: RCJ/H
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 Issue Date: 7/16/21
 Revit Version: 2019
 Sheet 39 of 68

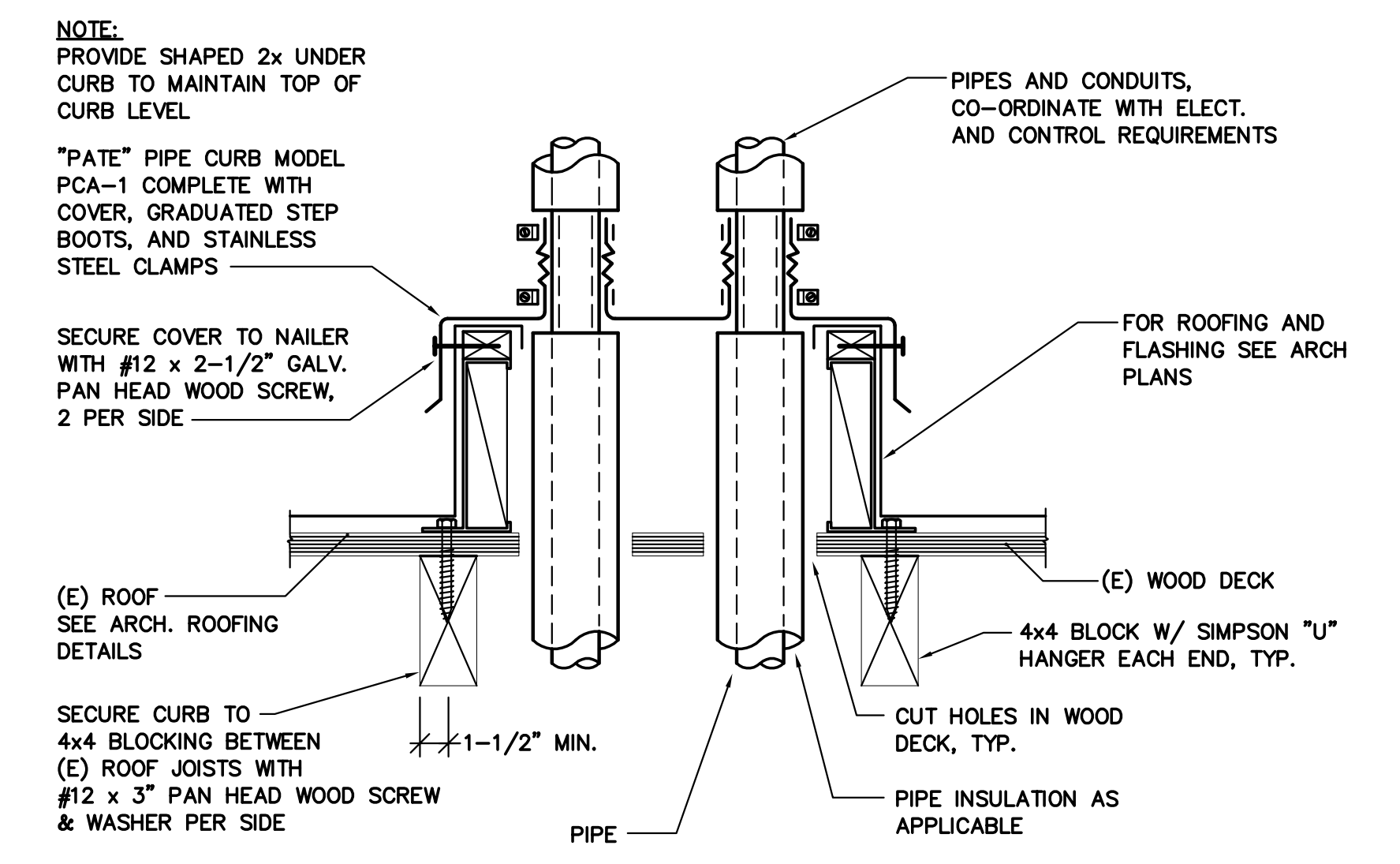
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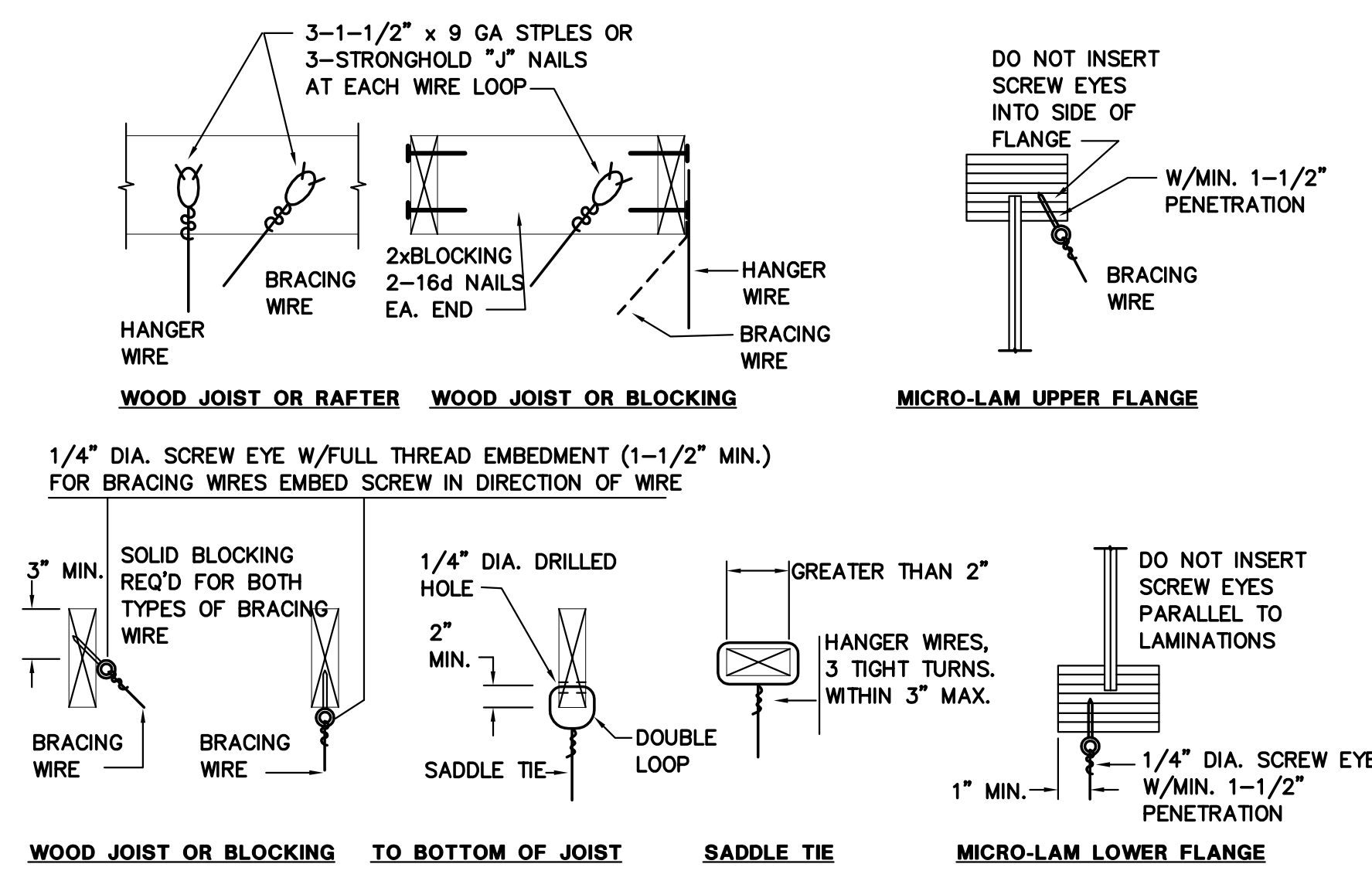
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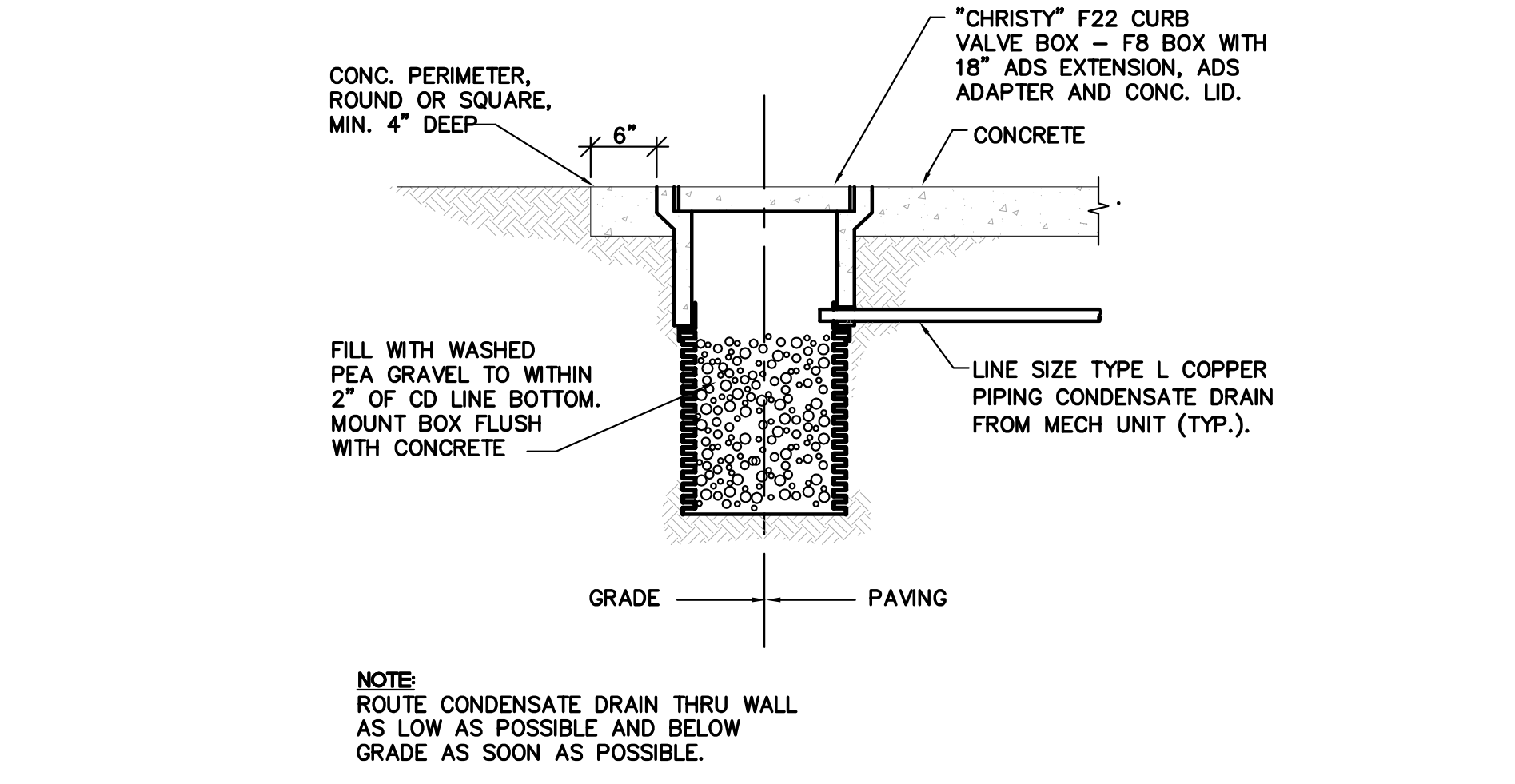
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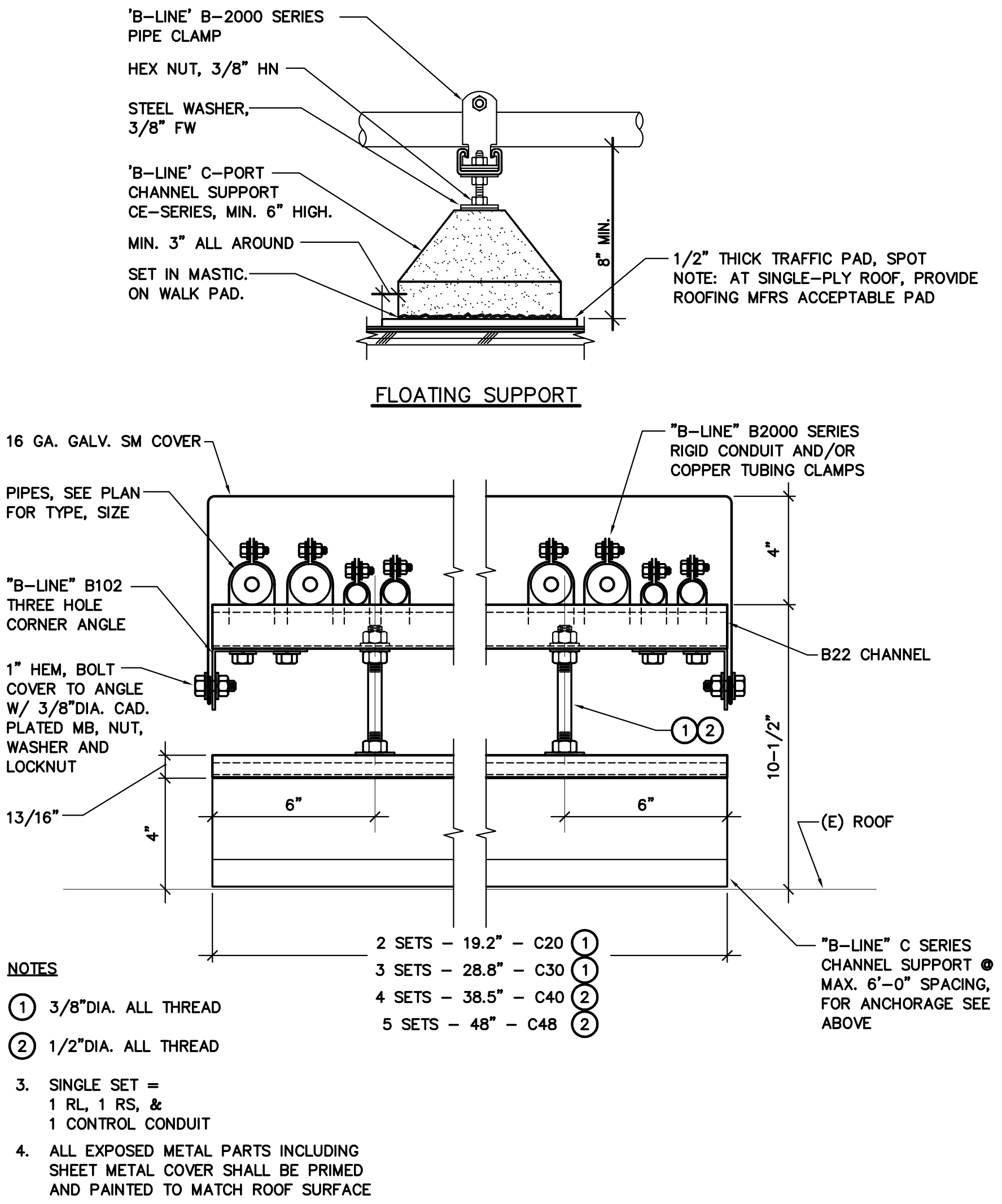
PIPE THROUGH ROOF
SCALE: NONE



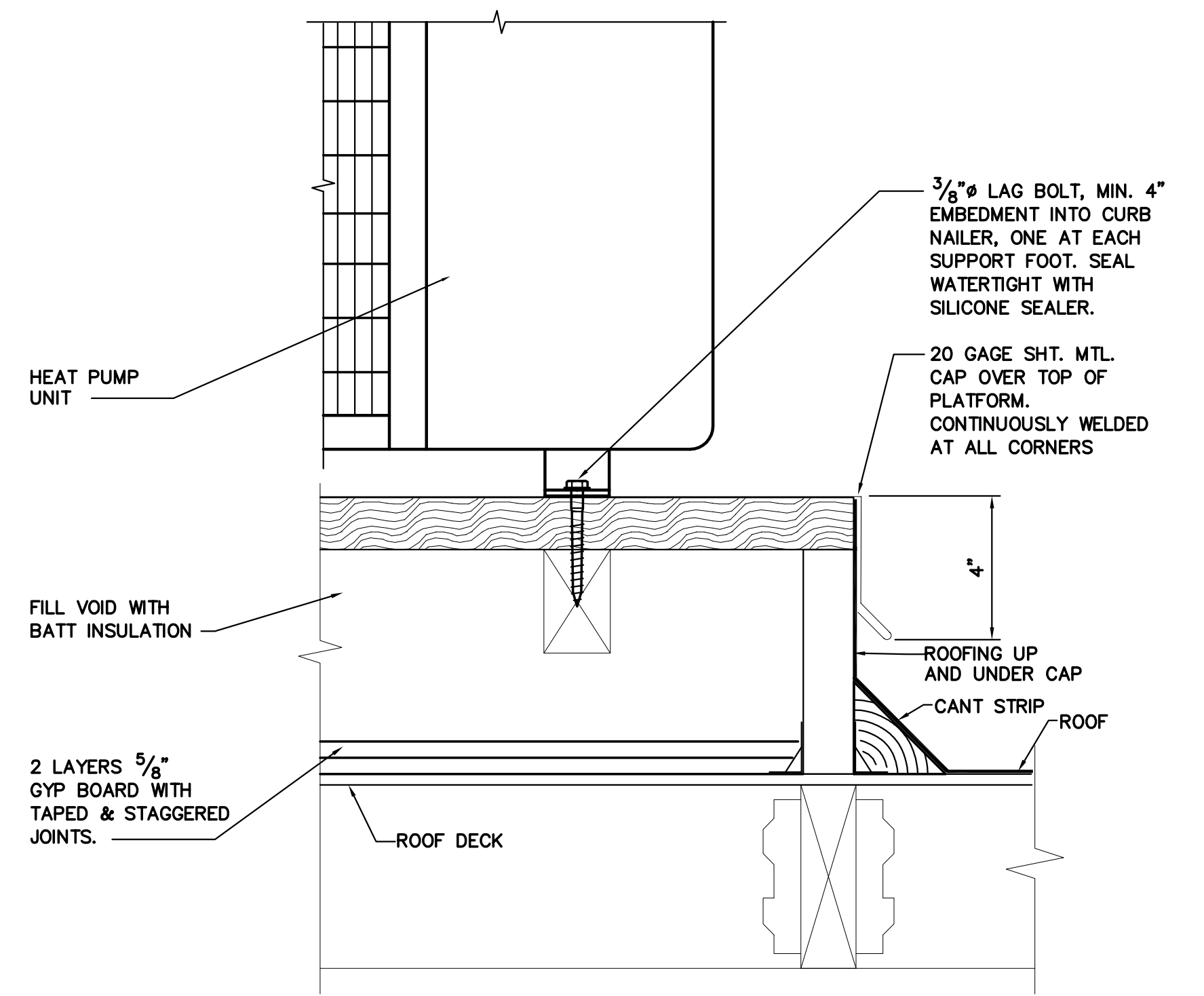
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SCALE NONE



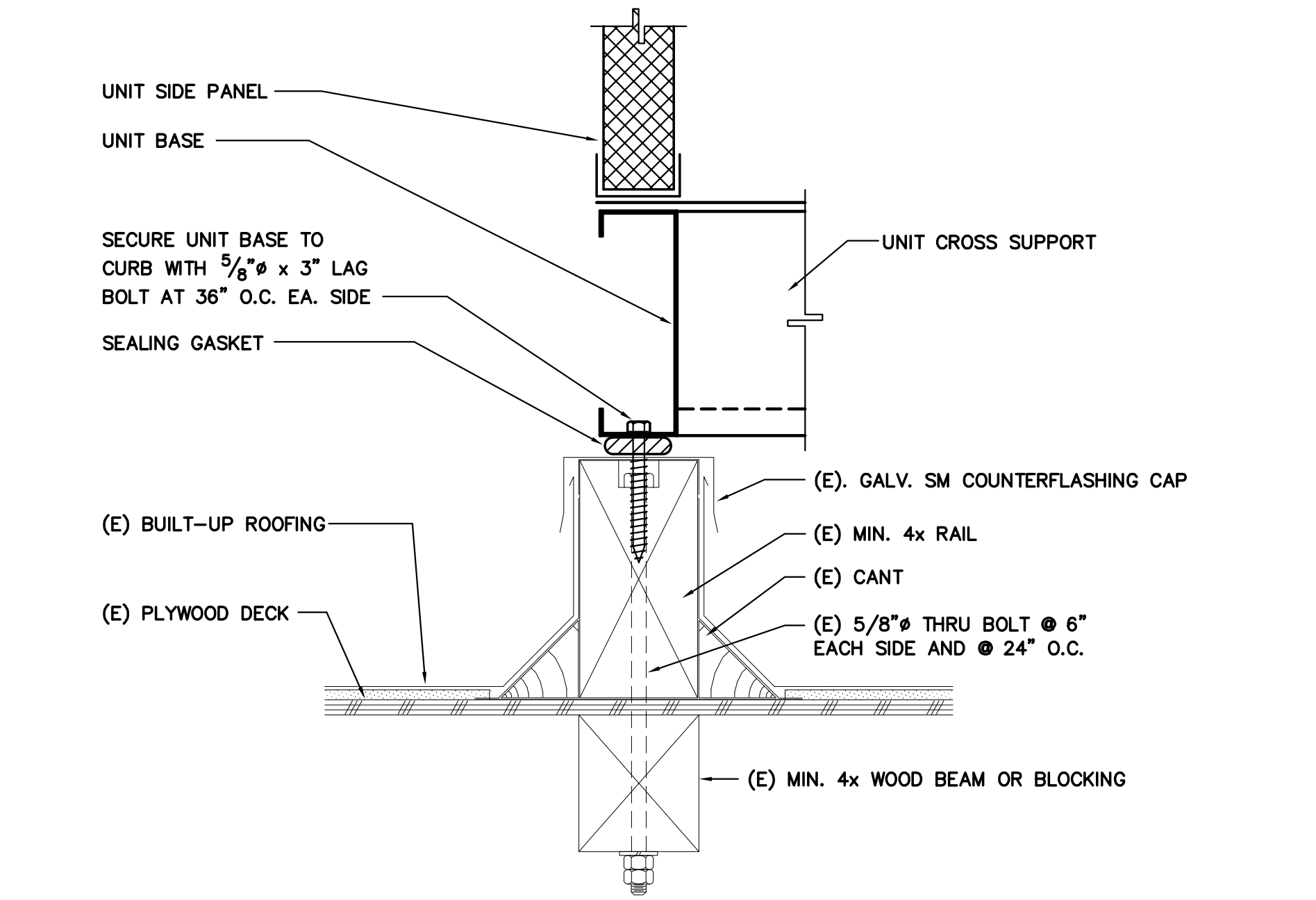
DRY WELL DETAIL
SCALE: NONE



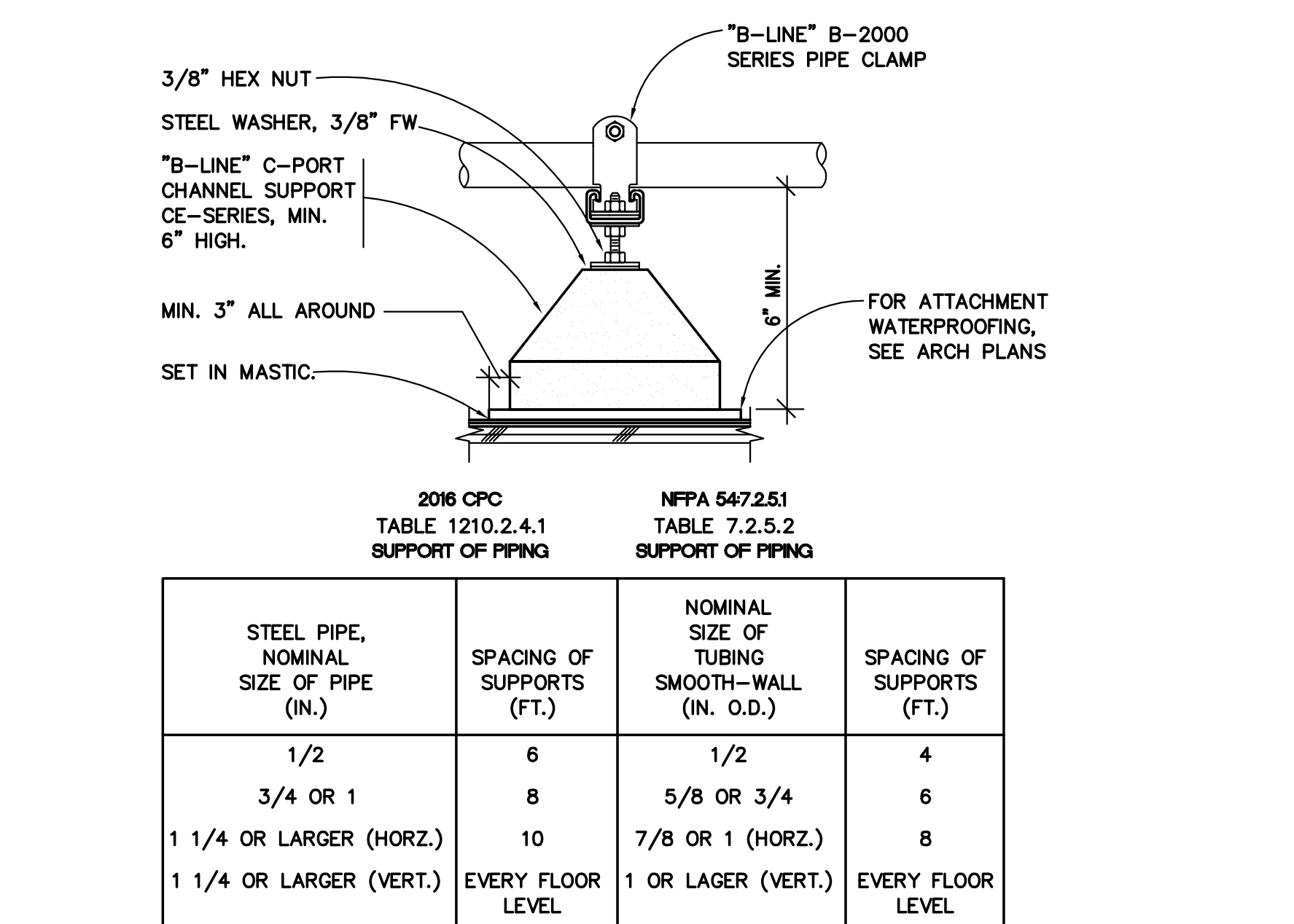
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SCALE: NONE



HEAT PUMP SUPPORT DETAIL
SCALE: NONE



DOAS UNIT SUPPORT DETAIL
SCALE: NONE



CONDENSATE SUPPORT DETAIL
SCALE: NONE

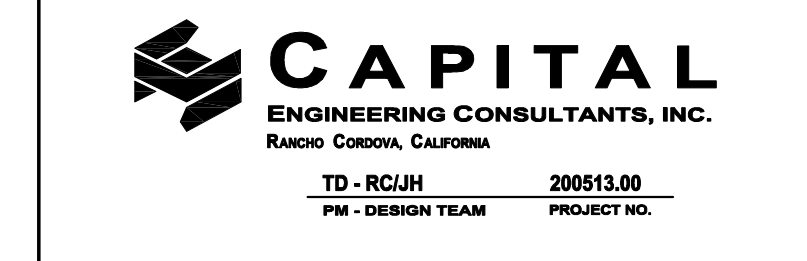
Revisions

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ISSUE DATE: _____ ISSUE DATE: _____ BY: INITIALS: _____

AGENCY APPROVAL



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San Rafael High School
150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

Sheet Title: MECHANICAL DETAILS

Client Project Number: _____ Client Proj. # _____

Scale: NONE
Drawn By: RC/JH
Checked By: TD
Issue Date: 7/16/21
Revit Version: 2019

Sheet: **M5.2**
Sheet 40 of 68



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SR SAN RAFAEL CITY SCHOOLS

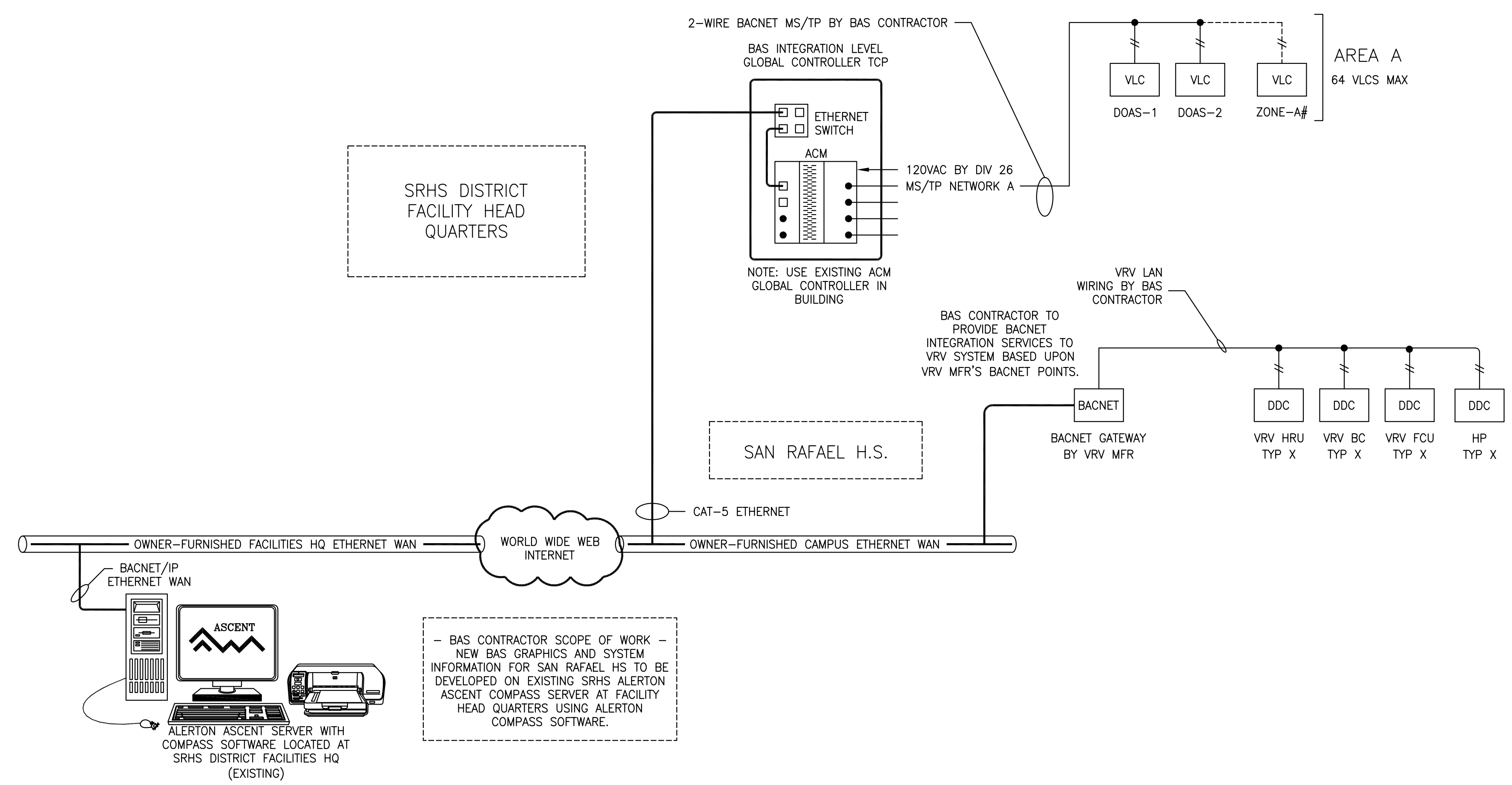
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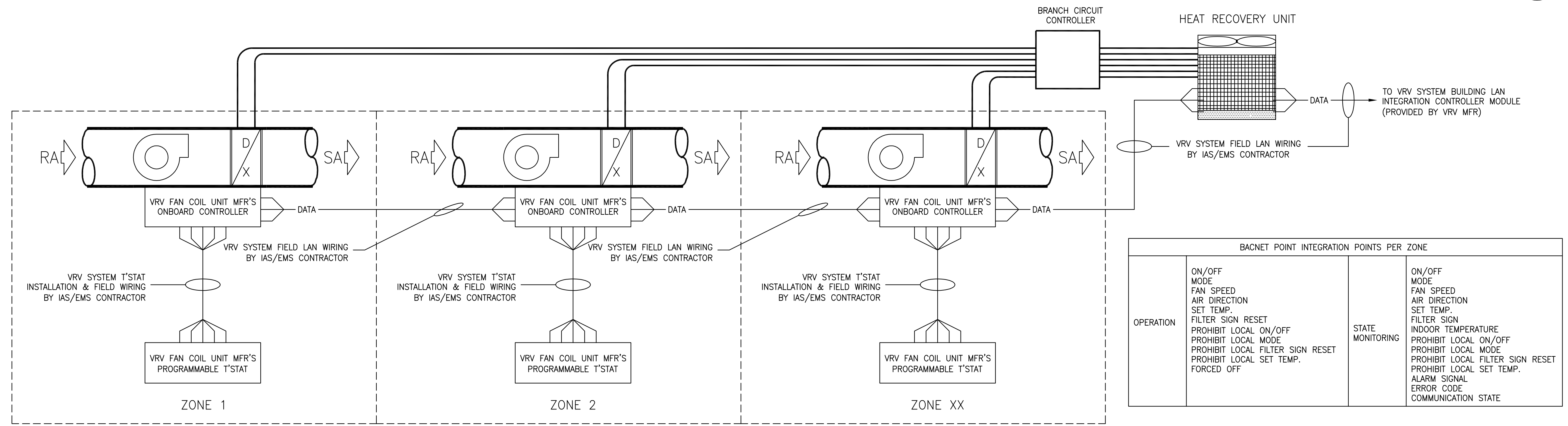
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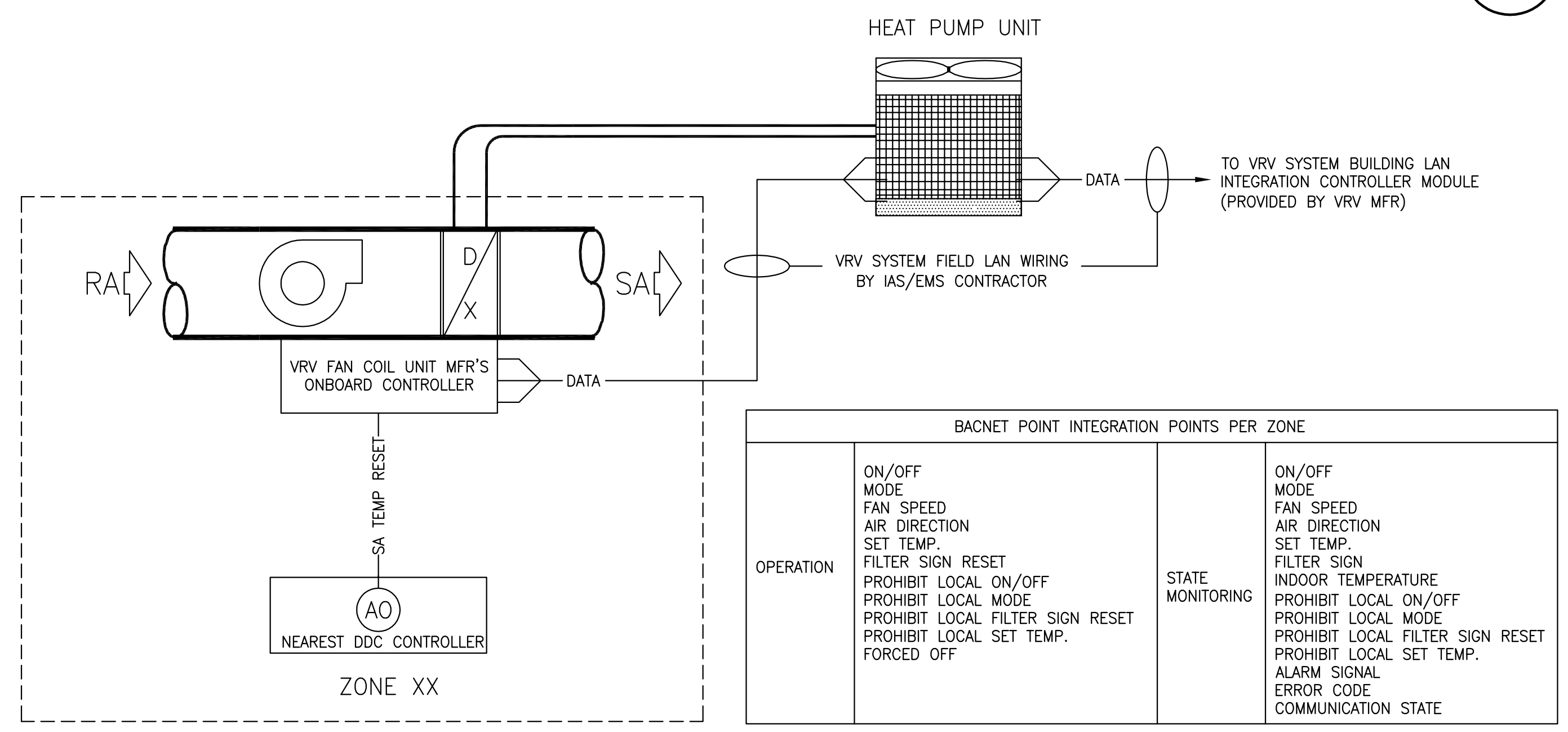
DATE SIGNED: 07/14/21
CAPITAL ENGINEERING CONSULTANTS, INC.
 10 - RC/JH 200513.00
 PROJECT NO.



1
M6.1



2
M6.1



3
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HY HIBSER YAMAUCHI Architects, Inc.
 300 - 27th Street
 Oakland, CA 94612
 510.446.2222 tel; 510.446.2211 fax
 HY Architects Project number: 5501

Facility: **SAN RAFAEL HIGH SCHOOL**
 150 3RD STREET, SAN RAFAEL, CA 94901

Project: **AD BUILDING REMODEL**

Sheet Title: **MECHANICAL CONTROL DIAGRAMS**

Client Project Number: _____ Client Proj. #
 Scale: NONE Sheet
 Drawn By: RC/JH
 Checked By: TD
 Issue Date: 7/16/21
 Revit Version: 2019 Sheet 41 of 68
M6.1



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

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SAN RAFAEL HS - DOAS SEQUENCE OF OPERATION

DOAS_AHU'S
 AHU IS PROVIDED WITH A VRV REFRIGERATION HEAT PUMP UNITS FOR THE CONTROL OF THE DISCHARGE AIR TEMPERATURE. THE AIR HANDLER IS PROVIDED TO MAINTAIN A CONSTANT AIR TEMPERATURE (+/-3 DEGREES) WITH A DX COIL.

THE AHU IS PROVIDED WITH A FACTORY INSTALLED SAMSUNG DX ELECTRONIC EXPANSION VALVE (EEV) AND A SAMSUNG CONTROL BOX. BOTH THE VALVE AND THE CONTROLLER ARE OUTDOOR RATED AND ARE TO BE FIELD INSTALLED. THE DX COIL IS TO BE FOR USED FOR HEATING AND COOLING. THE CONTROL BOX IS TO BE SENT A 0-10V SIGNAL IN ORDER TO STEP THE REFRIGERATION ACCORDINGLY FOR DISCHARGE AIR CONTROL.

SYSTEM INITIATION
 THE BMS SYSTEM WILL PROVIDE AN INITIATION COMMAND TO THE HARDWIRED INPUT TO T1/T2 TERMINAL ON THE EXV CONTROL BOX, IN ORDER TO ENABLE/DISABLE THE DX EXPANSION VALVE.

THE CONTROL OF THE AIR HANDLER IS BY THE BMS SYSTEM OR DDC CONTRACTOR.

COOLING MODE
 WHEN THE LEAVING AIR TEMPERATURE EXCEEDS THE DISCHARGE AIR SETPOINT, PLUS THE DEADBAND TEMPERATURE, THEN MECHANICAL REFRIGERATION WILL BE STARTED TO MAINTAIN THE DISCHARGE AIR TEMPERATURE. THE VRV TARGET TEMPERATURE WILL BE STAGED TO ALLOW EVAPORATION OF THE LIQUID ENTERING THE COIL BASED UPON THE TE (TARGET EVAPORATOR TEMPERATURE) AND THE DIFFERENTIAL TEMPERATURE OF THE EXPANDED VAPOR SH (SUPERHEAT), WITH A SETTING OF (9) DEG F. THE EEV CONTROLLER WILL STEP THE VALVE, TO MAINTAIN THE PROPER SH.

IF THE (SH) IS ABOVE THE TEMPERATURE DIFFERENTIAL, THE EEV WILL STEP MODULATE OPEN, AS THE DIFFERENTIAL DECREASES, AND THE EVAPORATION RATE OF THE LIQUID REFRIGERANT BECOMES LESS, THE EEV WILL STEP MODULATE CLOSED, TO MAINTAIN SUPERHEAT.

A 0-10V STEP SIGNAL WILL NEED TO BE SENT TO THE C6/C5 TERMINAL ON THE EXV CONTROL BOX.

THE FOLLOWING VOLTAGES RESPOND THE FOLLOWING TARGET REFRIGERATION EVAPORATING TEMPS:
 2.5V = TE 56.3 DEGREES
 5.0V = TE 51.8 DEGREES
 7.5V = TE 47.3 DEGREES
 10V = TE 42.8 DEGREES

HEATING MODE
 WHEN THE LEAVING AIR TEMPERATURE IS BELOW THE DISCHARGE AIR SETPOINT, PLUS THE DEADBAND TEMPERATURE, THEN MECHANICAL REFRIGERATION WILL BE STARTED TO MAINTAIN THE DISCHARGE AIR TEMPERATURE. THE VRV TARGET TEMPERATURE WILL BE STAGED TO ALLOW CONDENSING OF THE HOT REFRIGERANT GAS ENTERING THE COIL BASED UPON THE TH (TARGET HEATING TEMPERATURE) AND THE DIFFERENTIAL TEMPERATURE OF THE CONDENSED VAPOR SC (SUB-COOLING), WITH A SETTING OF (5.4) DEG F. THE EEV CONTROLLER WILL STEP THE VALVE, TO MAINTAIN THE PROPER (SC). SUB-COOLING IS CALCULATED BASED UPON THE OUTDOOR UNITS SATURATED CONDENSING TEMPERATURE AND THEN CONDENSED LIQUID LEAVING THE FAN COIL. IF THE (SC) IS ABOVE THE TEMPERATURE DIFFERENTIAL, THE EEV WILL STEP MODULATE CLOSE, AS THE DIFFERENTIAL INCREASES, AND THE CONDENSING RATE OF THE LIQUID REFRIGERANT BECOMES MORE, THE EEV WILL STEP MODULATE CLOSED, TO MAINTAIN SUB-COOLING

IN ORDER TO ENABLE HEAT, BMS/DDC CONTROLLER MUST SEND A HEAT ENABLE TO THE A/C TERMINALS ON THE VRV HP CONDENSING UNIT.

A 0-10V STEP SIGNAL WILL NEED TO BE SENT TO THE C6/C5 TERMINAL ON THE EXV CONTROL BOX.

THE FOLLOWING VOLTAGES RESPOND THE FOLLOWING TARGET REFRIGERATION EVAPORATING TEMPS:
 2.5V = TC 87.8 DEGREES
 5.0V = TC 96.8 DEGREES
 7.5V = TC 105.8 DEGREES
 10V = TC 114.8 DEGREES

DISCHARGE AIR CONTROL
 AIR TEMPERATURE IS CONTROLLED BY THE BMS OR DDC CONTROLLER WHICH WILL BE HARDWIRED TO EACH EXV CONTROL BOX.

AS THE LOAD INCREASES, AND THE CONTROL SIGNAL FOR THAT STAGE WILL BEGIN TO STEP THE TARGET EVAPORATOR/CONDENSING TEMPERATURE UNTIL THE MINIMUM TARGET TEMPERATURE IS REACHED.

AS THE LOAD DECREASES, AND THE CONTROL SIGNAL FOR THAT STAGE WILL REDUCE ITS CONTROL SIGNAL AND STEPPED DOWN TARGET EVAPORATOR/CONDENSING TEMPERATURE UNTIL THE MAXIMUM TARGET TEMPERATURE IS REACHED.

A STAGE DELAY OF 300 SECONDS WILL KEEP THE SYSTEMS FROM SHORT CYCLING, WHEN THE COMPRESSORS CYCLE OFF.

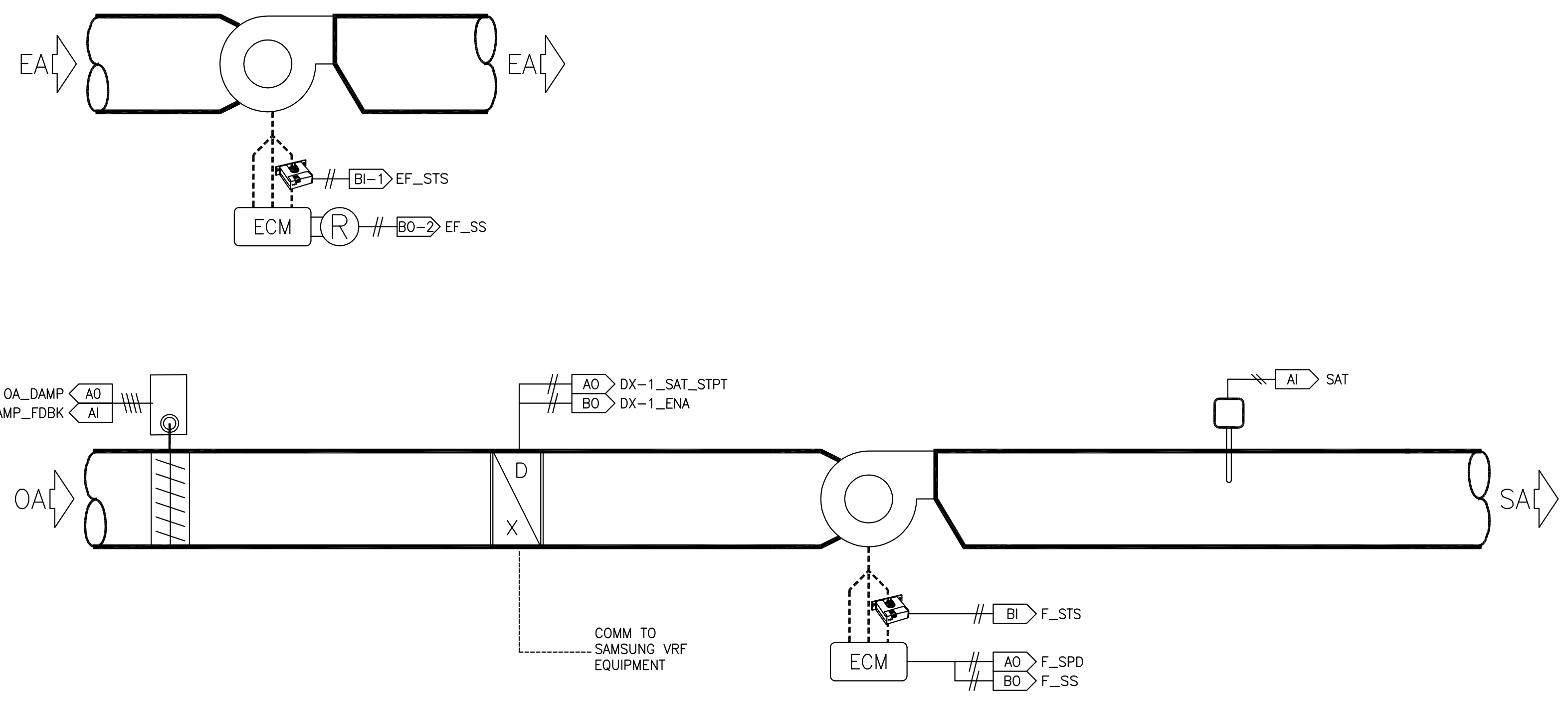
FAN OPERATION
 FAN OPERATION IS CONTROLLED FROM THE BMS SYSTEM OR DDC CONTROLLER.

PROVIDE PROOF-OF-FAN OPERATION. PROOF-OF-FAN OPERATION SHALL BE MONITORED BY A DIFFERENTIAL PRESSURE SWITCH. DIFFERENTIAL PRESSURE SWITCH SHALL BE FIELD INSTALLED BY TEMPERATURE CONTROL EMS CONTRACTOR.

WHEN THE AIR PRESSURE IN THE UNIT LEAVING AIR SECTION, RAISES ABOVE THE DPS SETPOINT (0.5X ADJUSTABLE), THE CONTROL OF THE EEV / VRV WILL BE INITIATED.

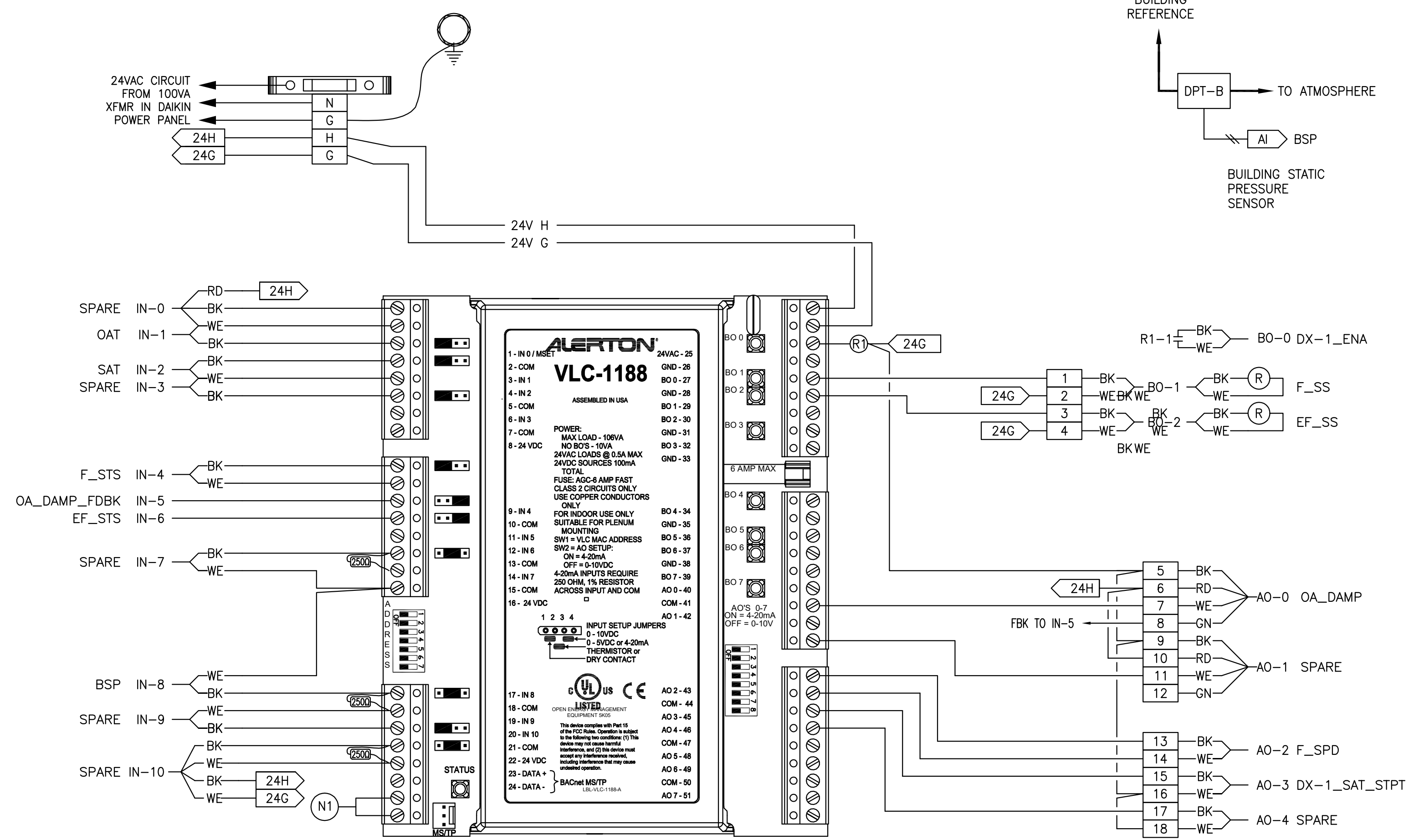
THE VRV / EEV KIT IS STARTED BY A CONTACT CLOSURE WIRED TO THE T1/T2 TERMINALS INSIDE THE KEQFCBVA CONTROLLER. IN THE EVENT OF A FAN FAILURE THE VRV SYSTEM WILL STOP AND THE OUTDOOR UNITS WILL SHUTDOWN.

DEFROST CONTROL
 EACH OF THE EEV CONTROLLERS IS EQUIPPED WITH A DIGITAL OUTPUT POINT, INDICATING WHEN THE OUTDOOR UNITS ENTER THE DEFROST MODE. WHEN DEFROST IS INITIATED, THE BMS SYSTEM WILL REDUCE THE FAN SPEED TO 50% OF IT CURRENT SETTING, DURING THE DEFROST PERIOD (TYPICALLY 5-7 MINUTES). UPON EXPIRATION OF THE DEFROST CYCLE THE BMS WILL RESTORE THE FAN DELIVERY TO NORMAL CONDITION.



DEVICE NAME: [SITE NAME]_[BUILDING]_[DEVICE TAG NAME]_[AREA SERVED]

I/O	POINT NAME	POINT DESCRIPTION	PT. TYPE	[RANGE] UNIT	DETAIL
BO-0	DX-1_ENA	DX COIL #1 ENABLE	BINARY (NO)	ON/OFF	
BO-1	F_SS	FAN START/STOP	BINARY (NO)	ON/OFF	
BO-2	EF_SS	EXHAUST FAN START/STOP			
BO-3		SPARE			
BO-4		SPARE			
BO-5		SPARE			
BO-6		SPARE			
BO-7		SPARE			
AO-0	OAL_DAMP	OUTSIDE AIR DAMPER COMMAND	2-10 VDC	[0-100]%	B3
AO-1		SPARE			
AO-2	F_SPD	FAN SPEED	0-10VDC	[0-100]%	A28
AO-3	DX-1_SAT_STPT	DX SUPPLY AIR TEMP SETPOINT	0-10VDC	FIELD VERIFY	
AO-4		SPARE			
AO-5		SPARE			
AO-6		SPARE			
AO-7		SPARE			
IN-0		SPARE			
IN-1	OAT	OUTSIDE AIR TEMPERATURE	THERMISTOR	DEG F	A6
IN-2	SAT	SUPPLY AIR TEMPERATURE	THERMISTOR	DEG F	A4
IN-3		SPARE			
IN-4	F_STS	FAN STATUS	BINARY (NO)	ON/OFF	A28
IN-5	OAL_DAMP_FDBK	OUTSIDE AIR DAMPER FEEDBACK	2-10VDC	[0-100]%	B3
IN-6	EF_STS	EXHAUST FAN STATUS	BINARY (NO)	ON/OFF	
IN-7		SPARE			
IN-8	BSP	BUILDING STATIC PRESSURE	4-20mA	+/- 0.05 IN W.C.	A7
IN-9		SPARE			
IN-10		SPARE			



DOAS CONTROL DIAGRAM

SCALE : NONE

1
M6.2

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 300 - 27th Street
 Oakland, CA 94612
 510.446.2222 tel / 510.446.2211 fax

HY Architects Project number: 5501
 Facility: SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

Sheet Title: MECHANICAL CONTROL DIAGRAMS

Client Project Number: Client Proj. #
 Scale: NONE Sheet
 Drawn By: RC/JH
 Checked By: TD
 Issue Date: 7/16/21
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SR SAN RAFAEL CITY SCHOOLS

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 RANCHO CONDON, CALIFORNIA
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 Oakland, CA 94612
 510.446.2222 tel; 510.446.2211 fax
 HY Architects Project number: 5561

Facility
 SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project
 AD BUILDING REMODEL

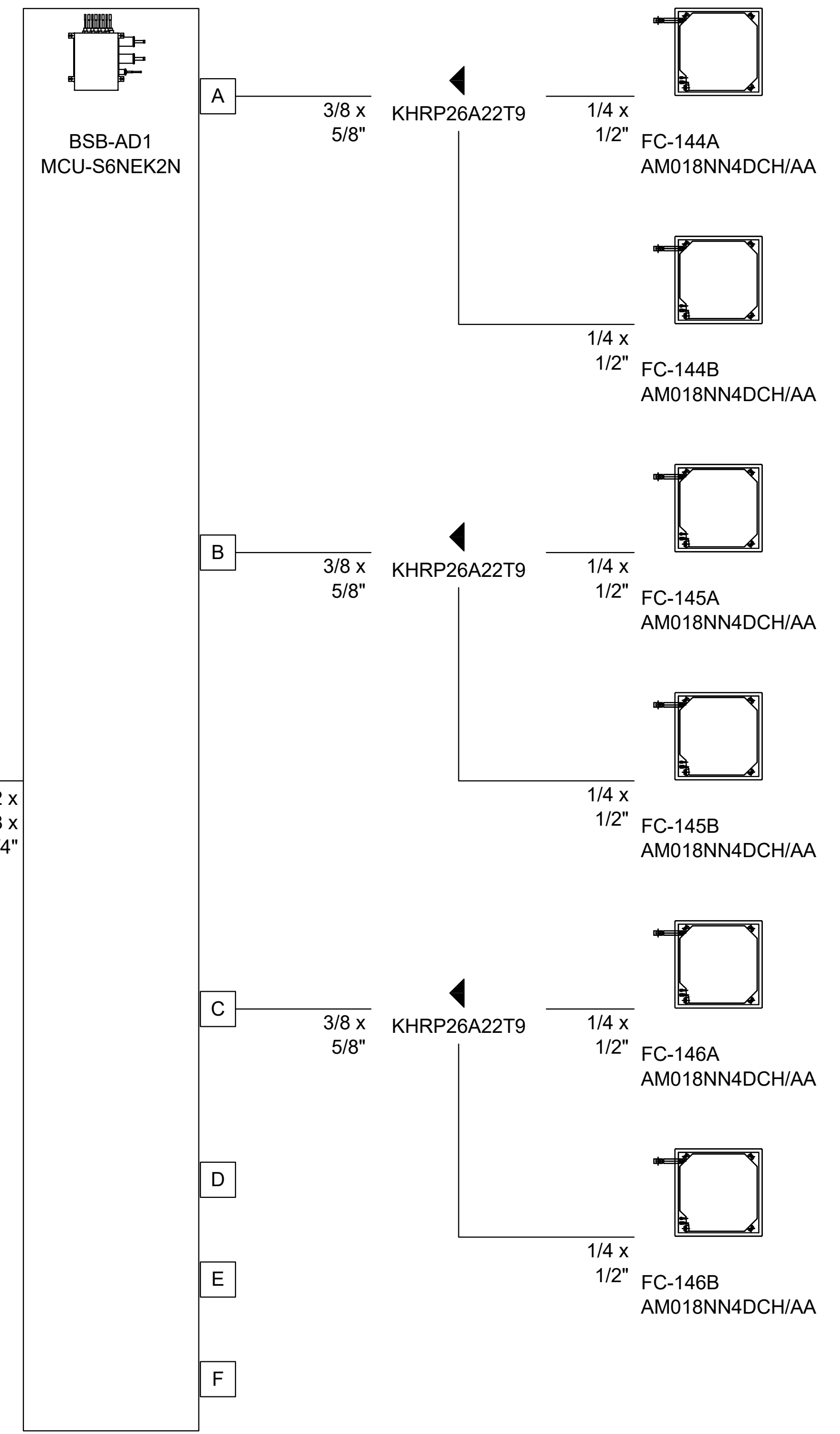
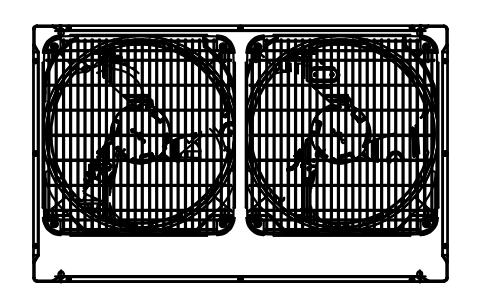
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 MECHANICAL PIPING & WIRING DIAGRAMS

Client Project Number: _____ Client Proj. # _____

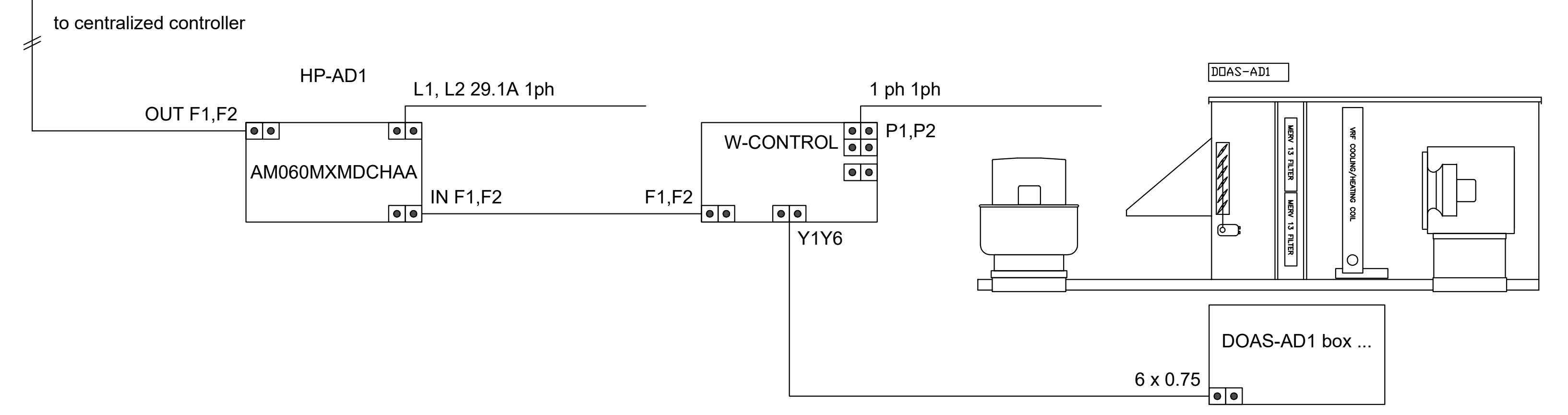
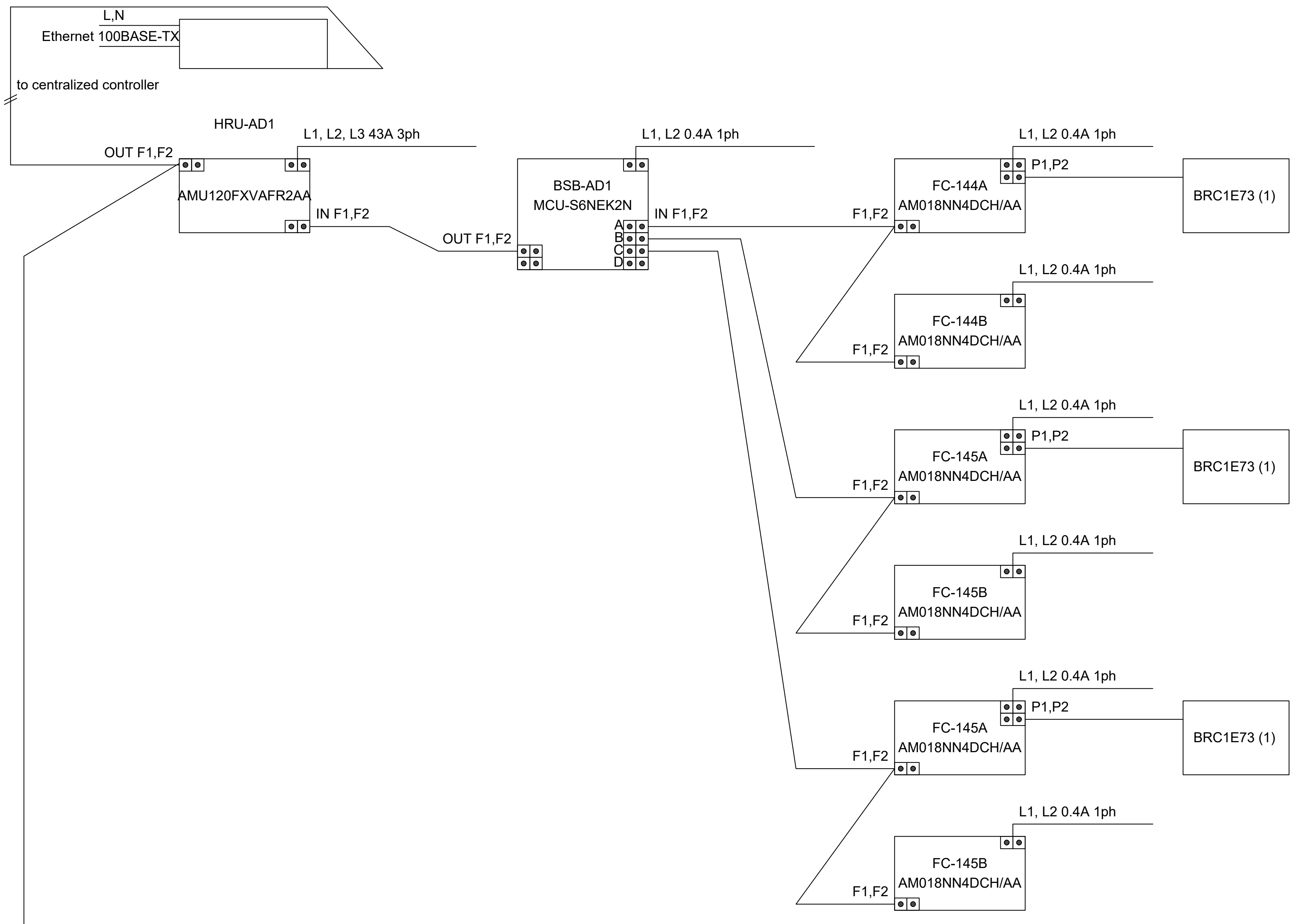
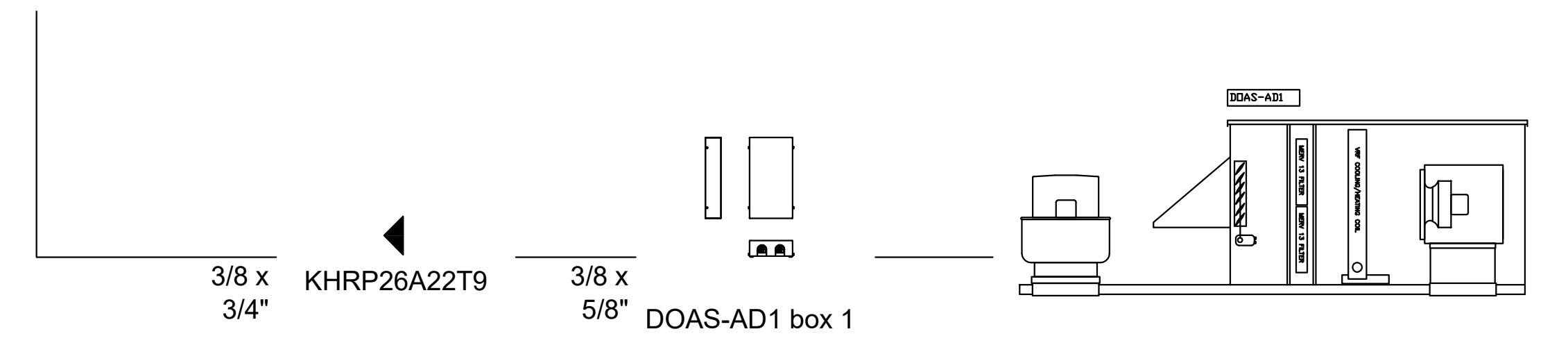
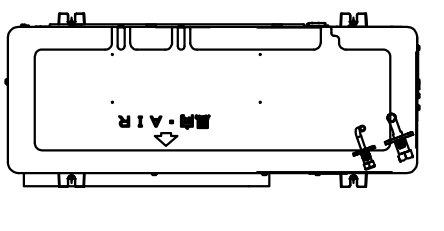
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Sheet
M6.3
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HRU-AD1
 AMU120FXVAFR2AA



HP-AD1
 AM060MXMDCHAA



HRU-AD1/HP-AD1 PIPING & WIRING DIAGRAMS
 SCALE : NONE

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M6.3

12/17/2020 10:05:49 AM



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 510.446.2222 tel; 510.446.2211 fax
 HY Architects Project number: 5561

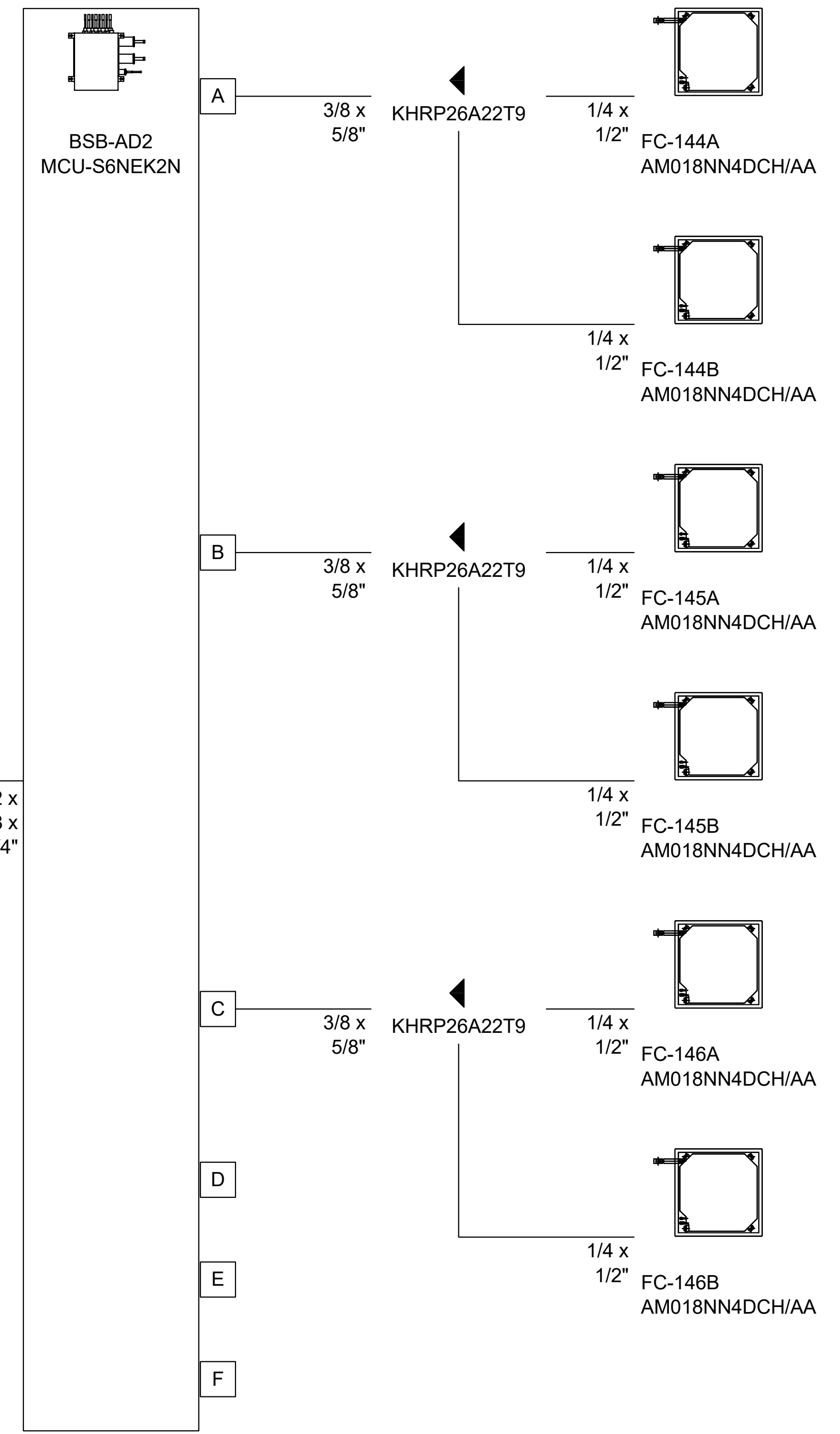
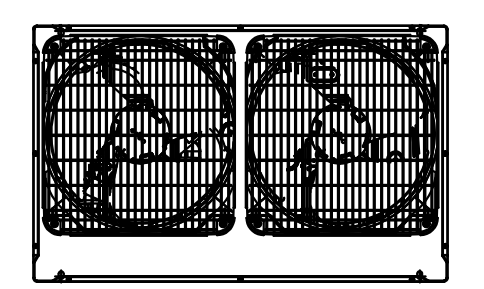
Facility: SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project: AD BUILDING REMODEL

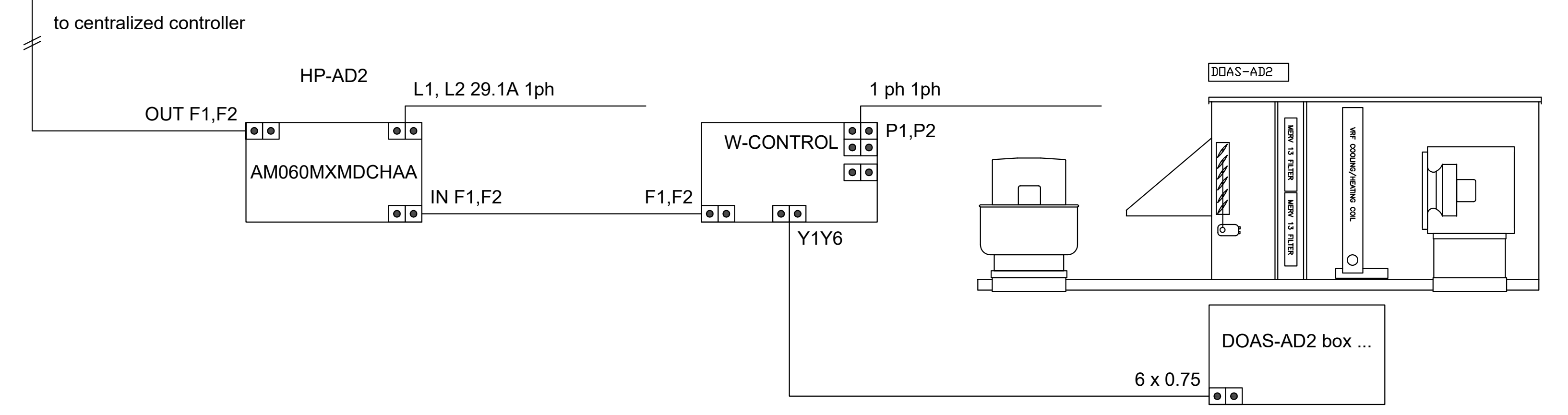
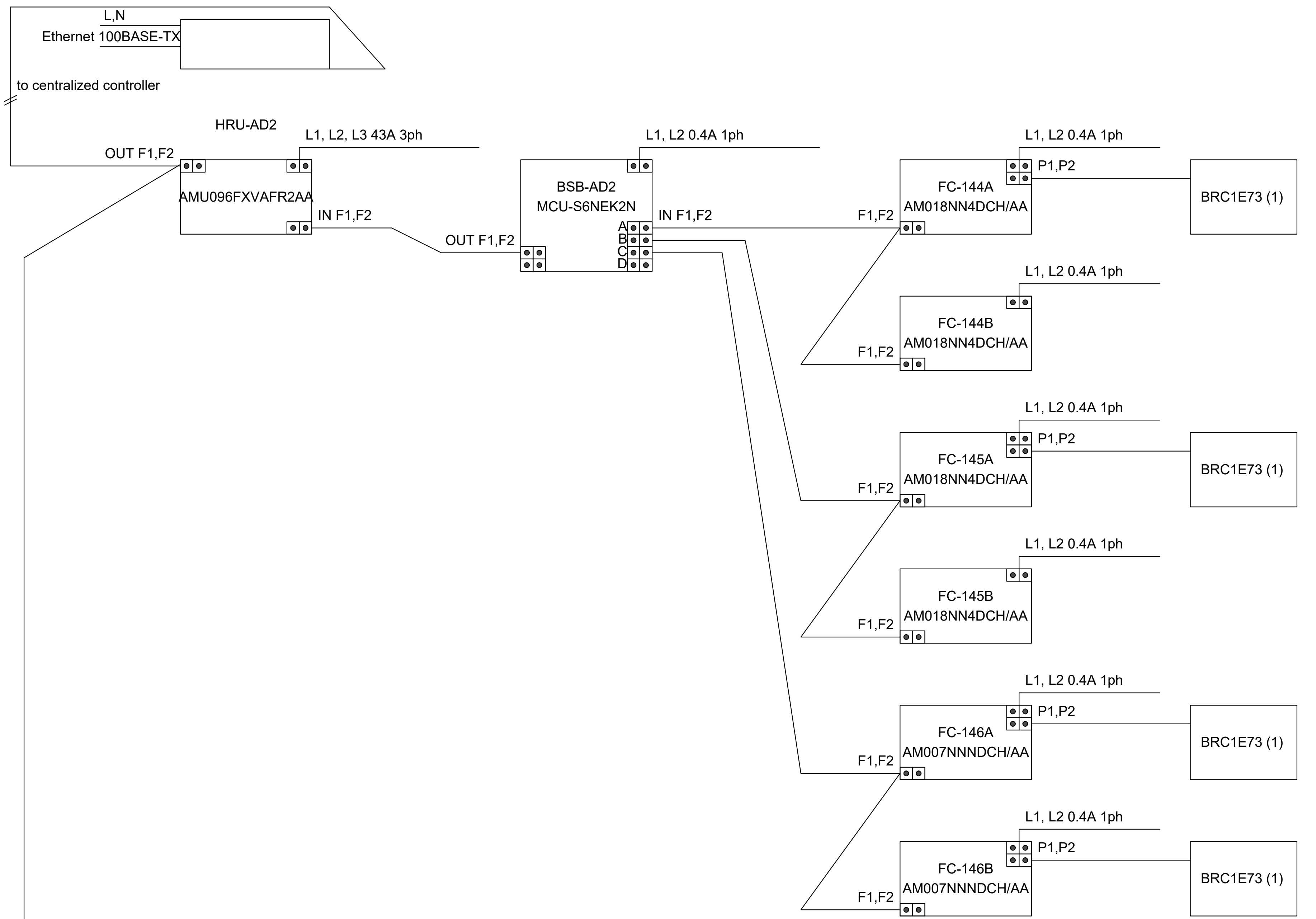
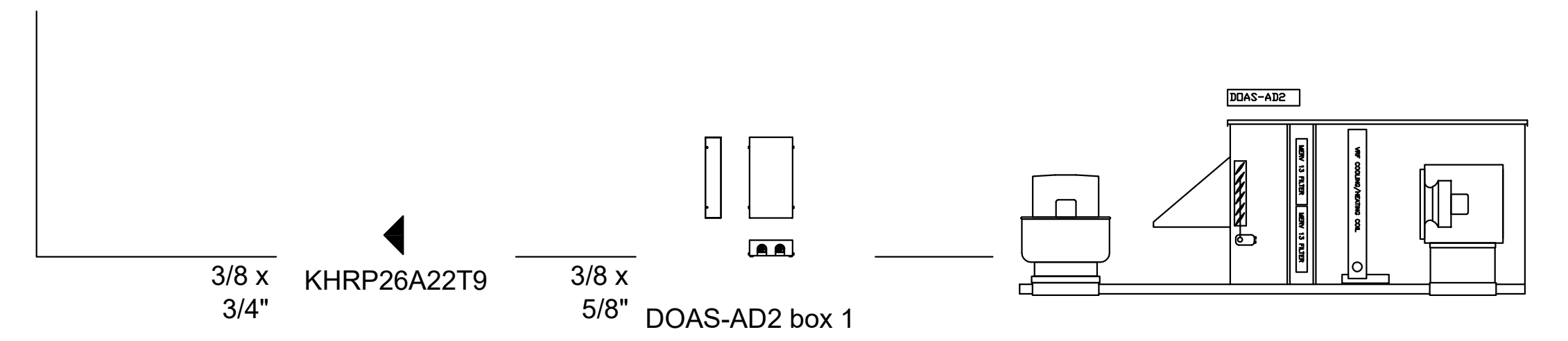
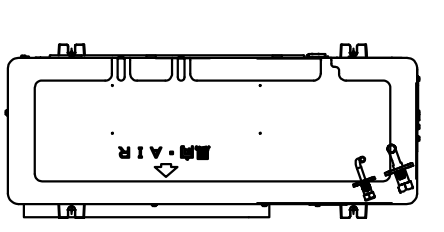
Sheet Title: MECHANICAL PIPING & WIRING DIAGRAMS

Client Project Number: _____ Client Proj. # _____
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 Drawn By: RC/JH
 Checked By: TD
 Issue Date: 7/16/21
 Revit Version: 2019 Sheet 44 of 68

HRU-AD2
 AMU096FXVAFR2AA



HP-AD2
 AM060MXMDCHAA



HRU-AD2/HP-AD2 PIPING & WIRING DIAGRAMS
 SCALE : NONE

1
M6.4

M6.4

12/17/2020 10:05:49 AM

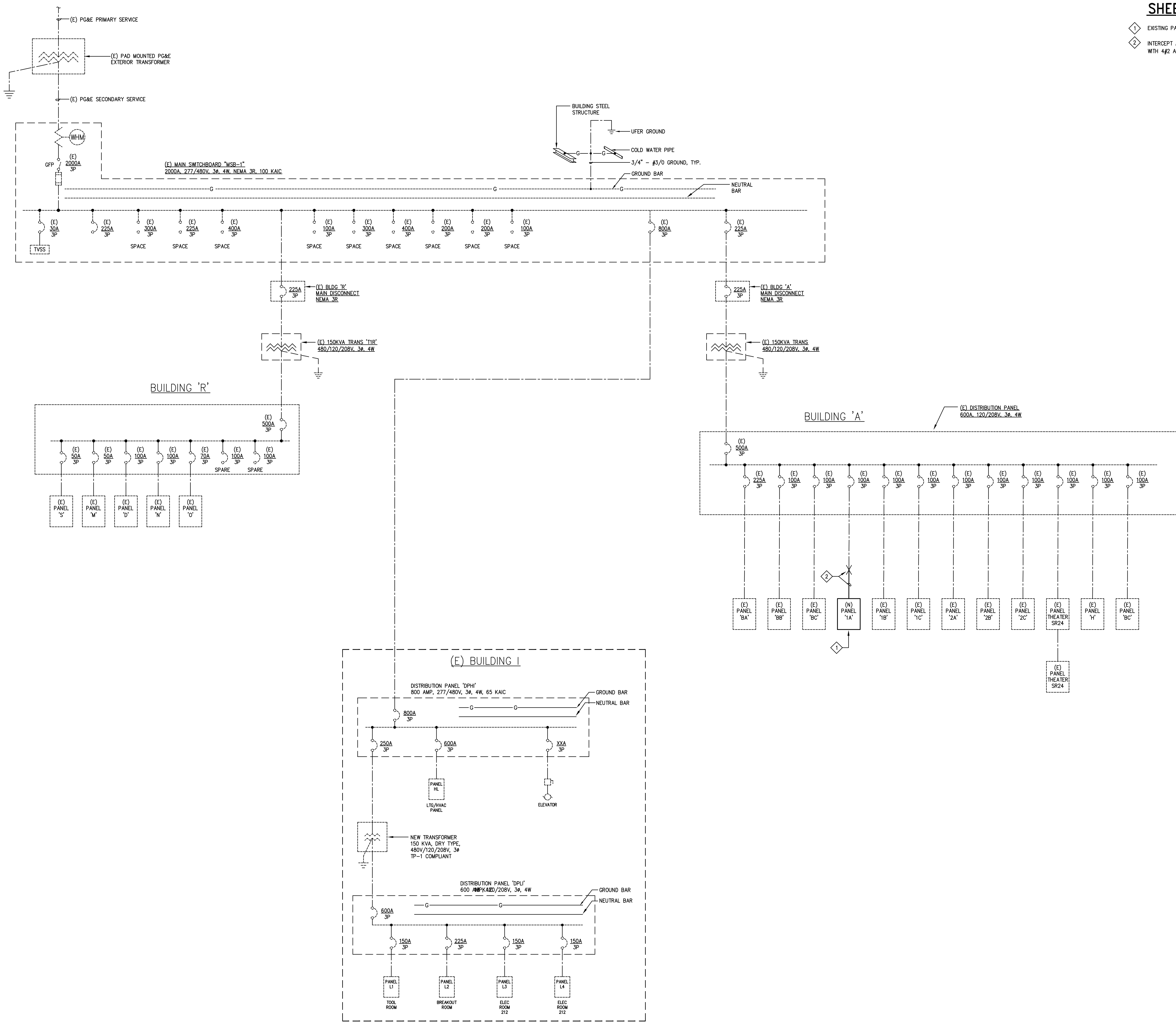


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SS FLS ACS
DATE: 07/26/2021

SHEET NOTES

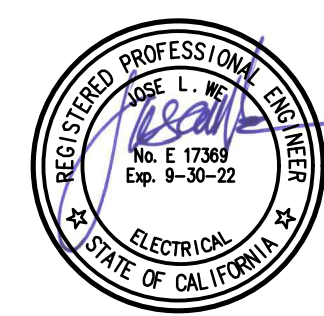
- ◊ EXISTING PANEL TO BE REPLACED WITH NEW.
- ◊ INTERCEPT AND EXTEND EXISTING FEEDER WITH 1 1/2" CONDUIT WITH #42 AND 1#8 GROUND.



No.	Revisions	By	Date	Appr.

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 300 - 27th Street
 Oakland, CA 94612
 510.446.2222 tel; 510.446.2211 fax
 HY ARCHITECTS JOB NUMBER 5323

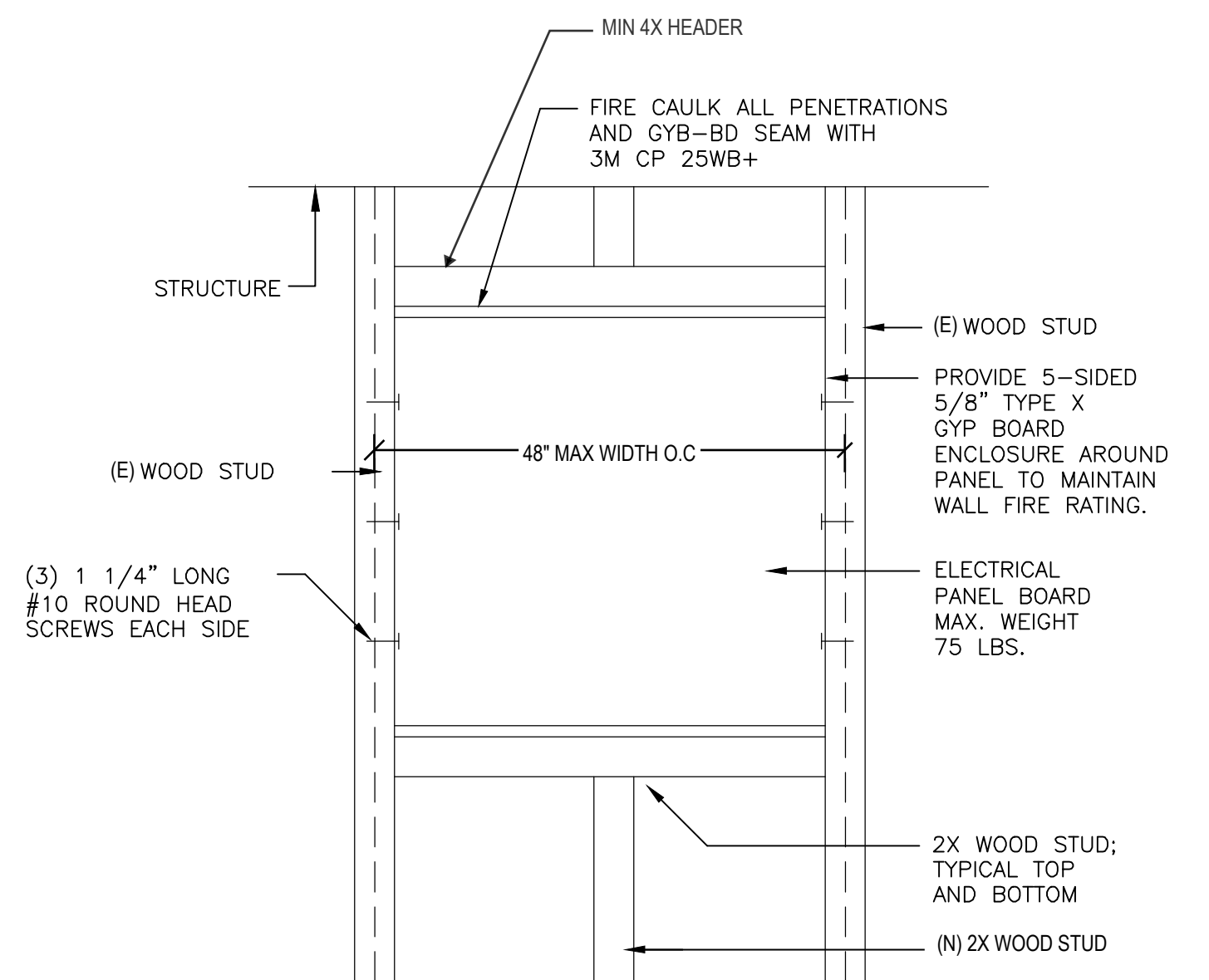
Facility
SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

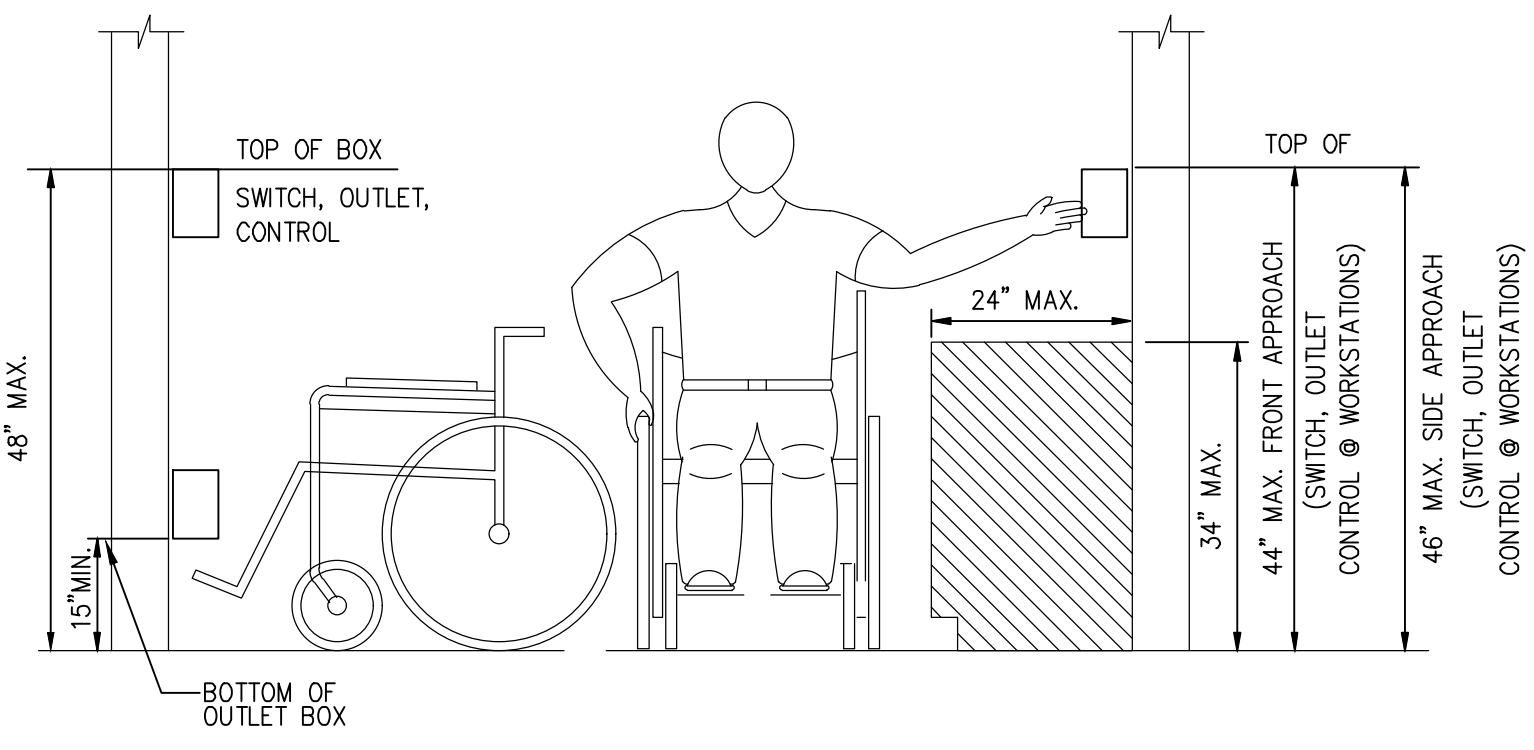
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ELECTRICAL ONE-LINE DIAGRAM

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E0.02
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
Sheet	47 of 68

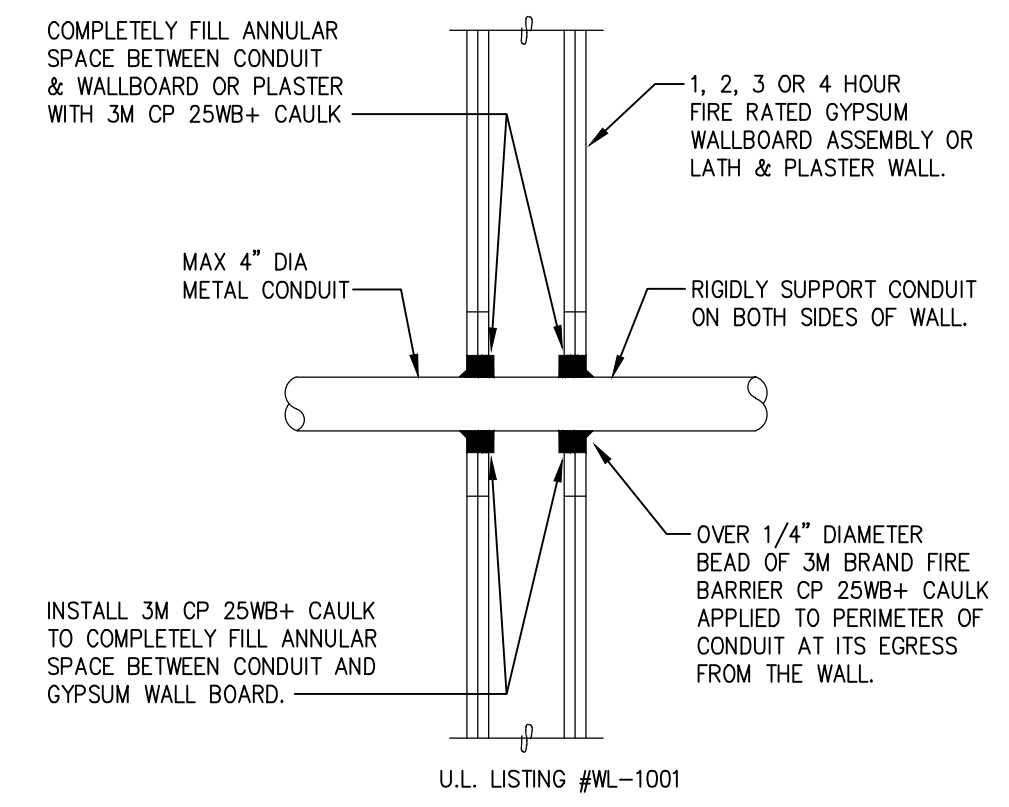
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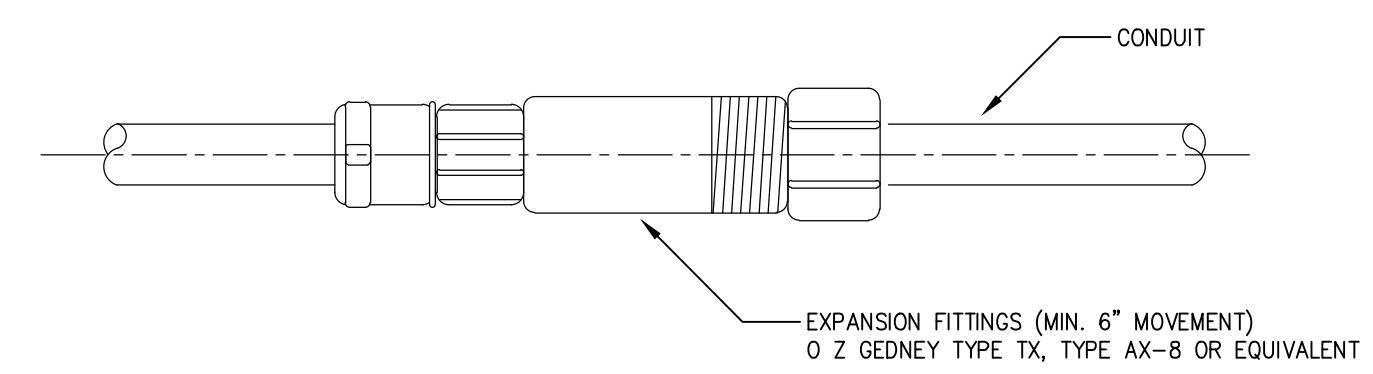
1 RECESSED PANELBOARD MOUNTING DETAIL IN WOOD CONSTRUCTION
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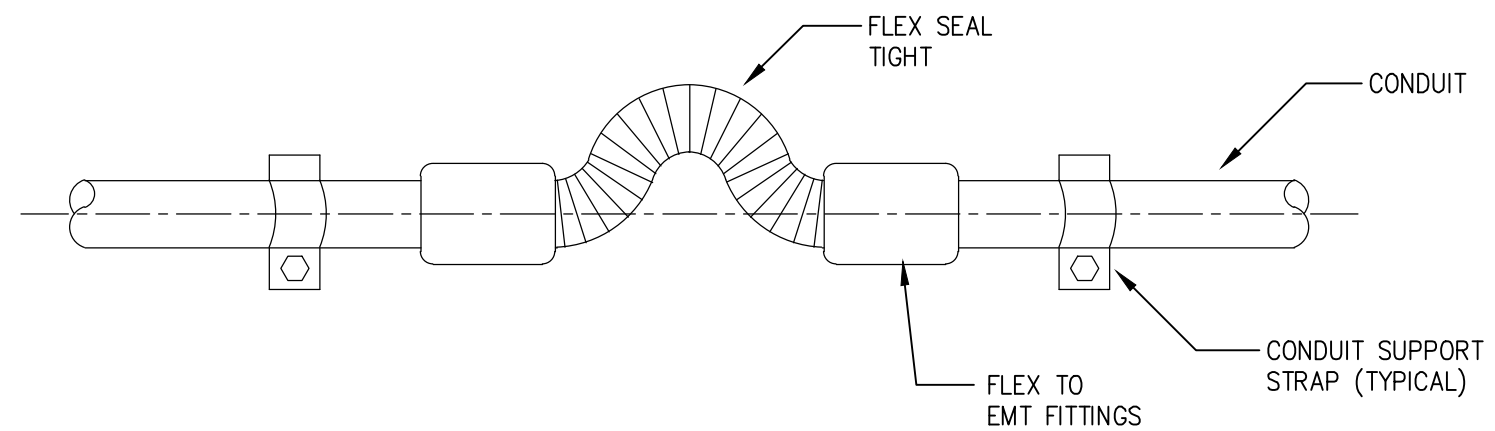
4 TYPICAL DEVICE MOUNTING DETAIL
NOT TO SCALE



2 CONDUIT PENETRATION DETAIL FOR FIRE RATED WALL
NOT TO SCALE



A FITTINGS FOR CONDUITS ON WALL



B FLEX JOINT FOR EXPOSED CONDUIT

3 CONDUIT EXPANSION FITTING DETAILS
NOT TO SCALE

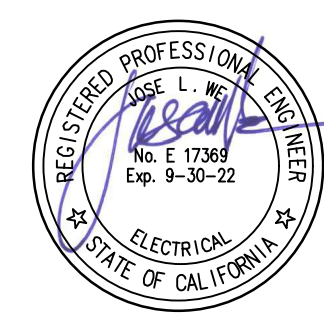
Revisions				
No.	Revisions	By	Date	Appr.

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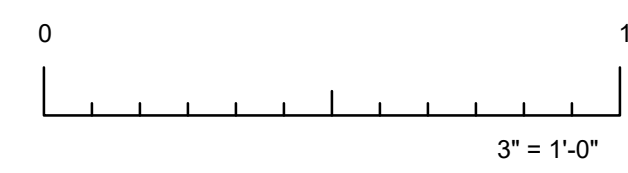
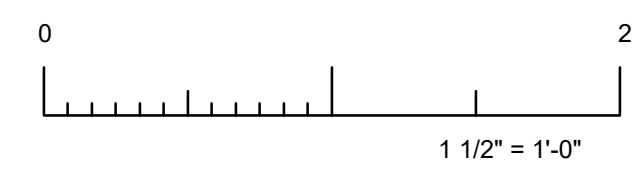
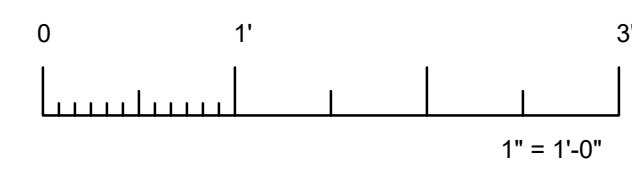
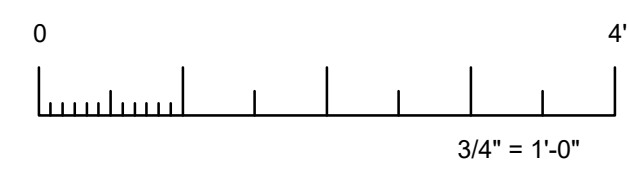
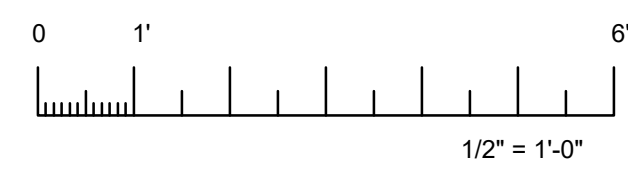
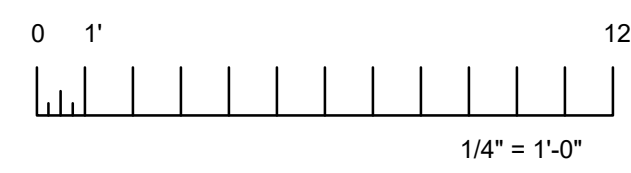
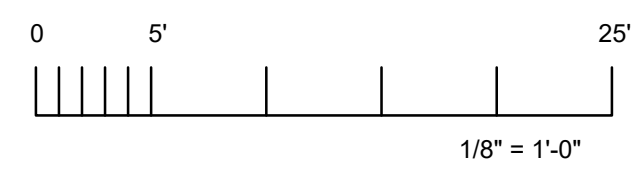
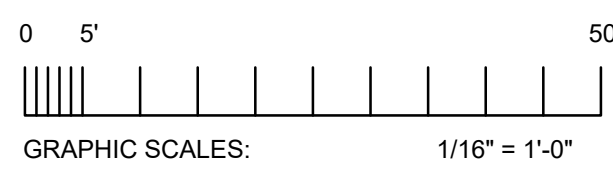
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Oakland, CA 94612
510.446.2222 tel; 510.446.2211 fax
HY ARCHITECTS JOB NUMBER 5323

Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL DETAILS

Client Project Number:	Client Proj. #
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Drawn By: DAM	E0.04
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
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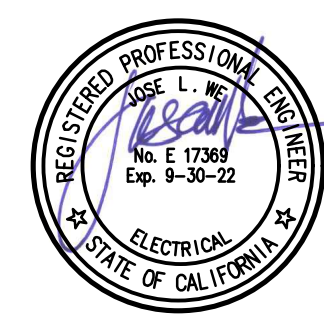
SR SAN RAFAEL CITY SCHOOLS

No.	Revisions	By	Date	Appr.

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Lafayette, CA 94549
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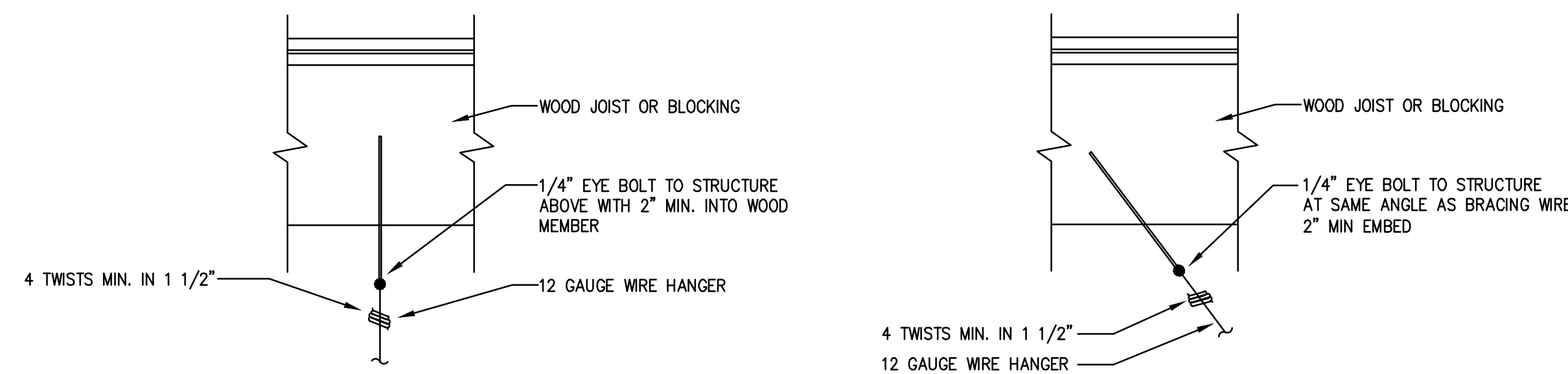
HY HIBSER YAMAUCHI Architects, Inc.
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HY ARCHITECTS JOB NUMBER 5323

Facility
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150 3RD STREET, SAN RAFAEL, CA 94901

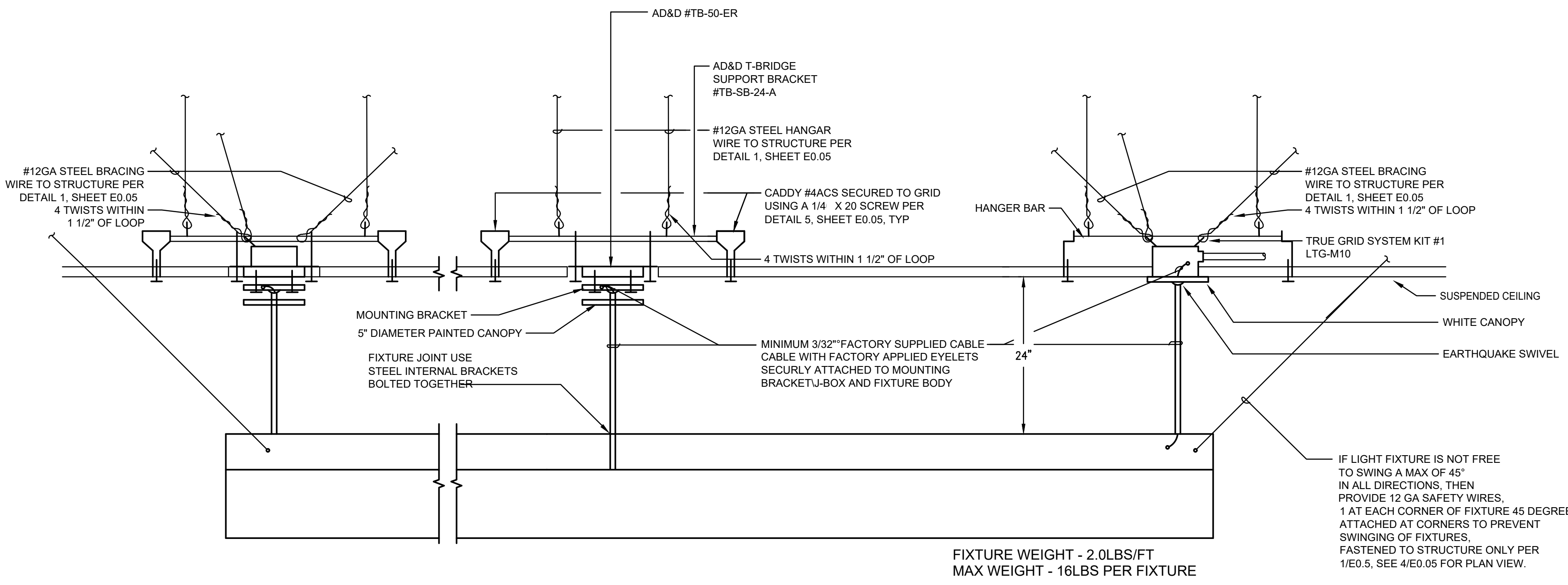
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AD BUILDING REMODEL

Sheet Title
ELECTRICAL DETAILS

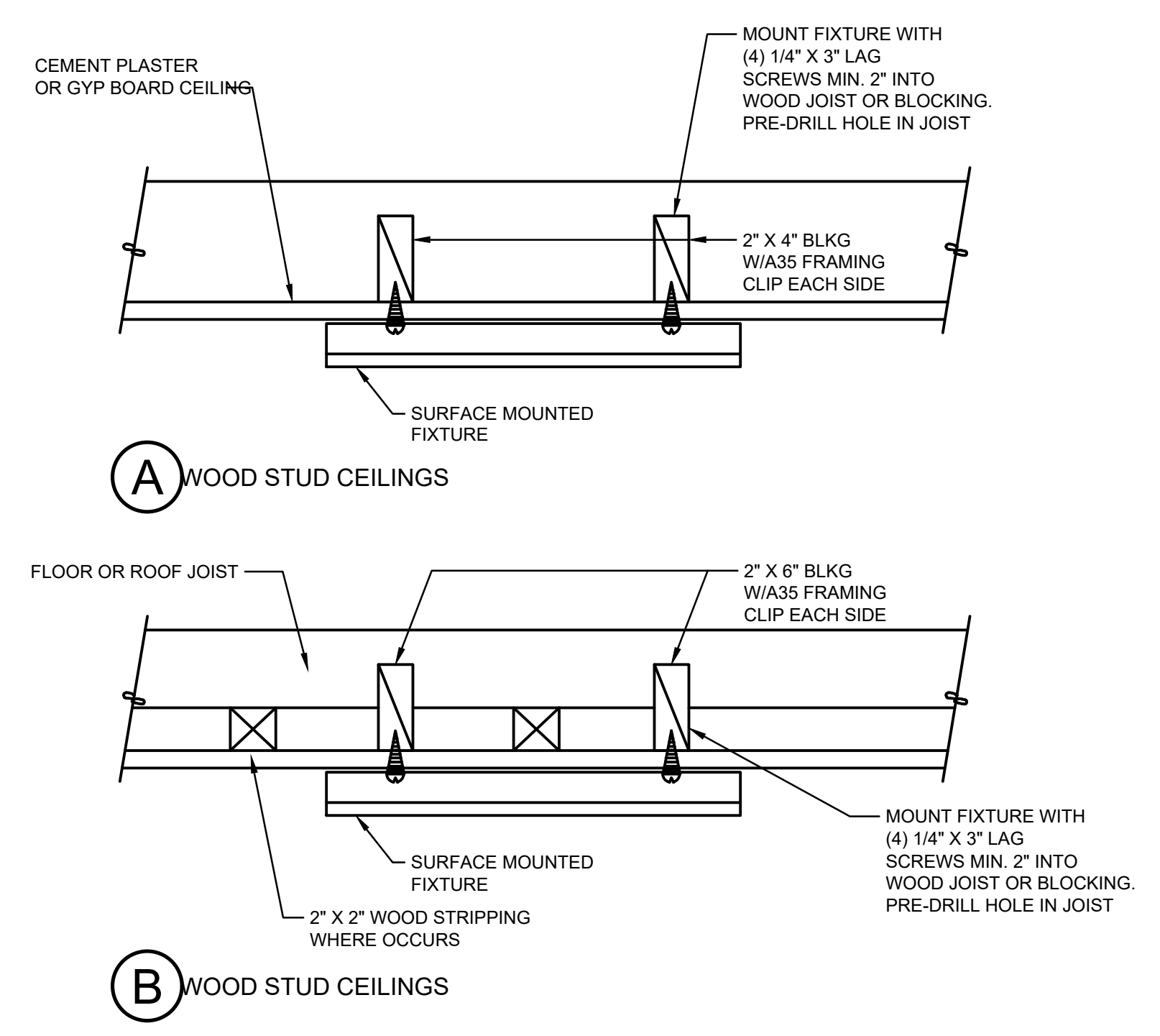
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Scale: AS NOTED	Sheet
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Revit Version: 2019	
	Sheet 50 of 68



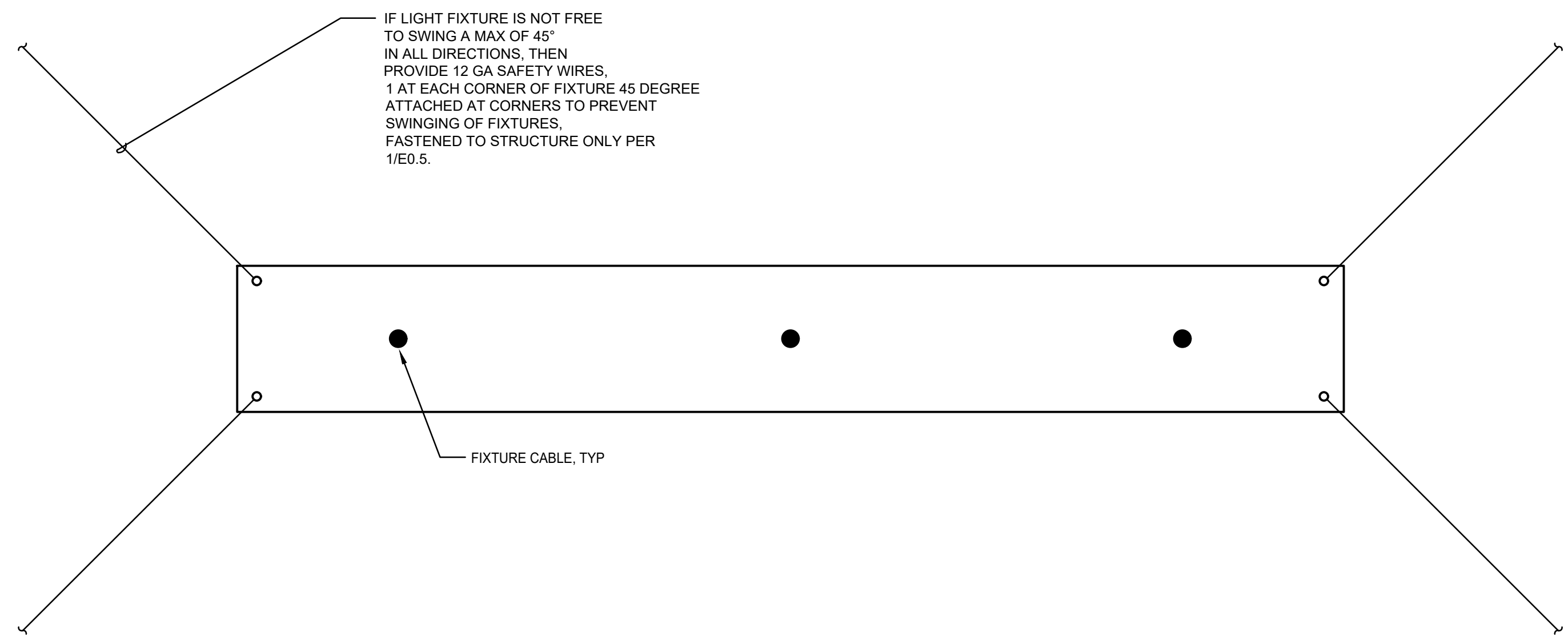
1 TYPICAL SAFETY WIRE CONNECTION
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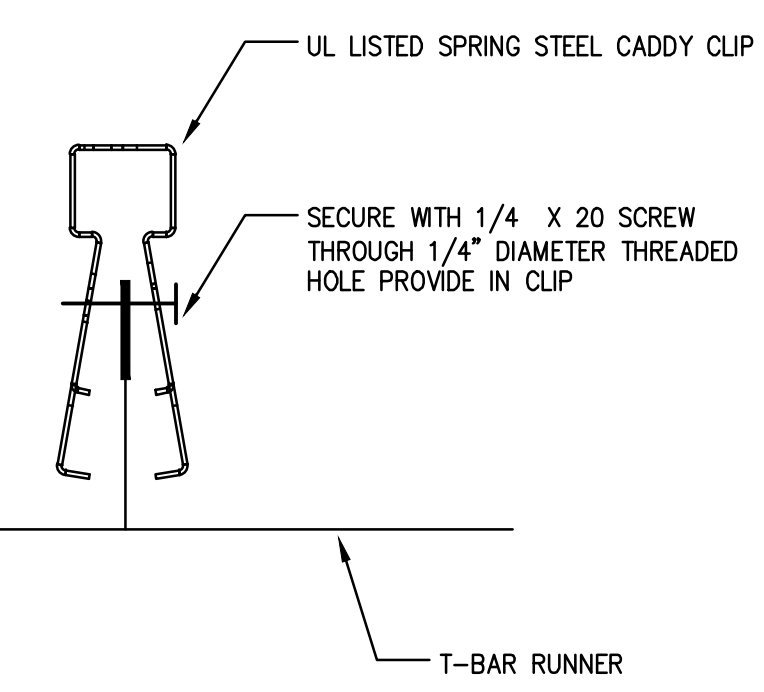
3 SUSPENDED FIXTURE MOUNTING DETAIL - T-BAR CEILING
NOT TO SCALE



2 SURFACE MOUNTED FIXTURE DETAIL
NOT TO SCALE



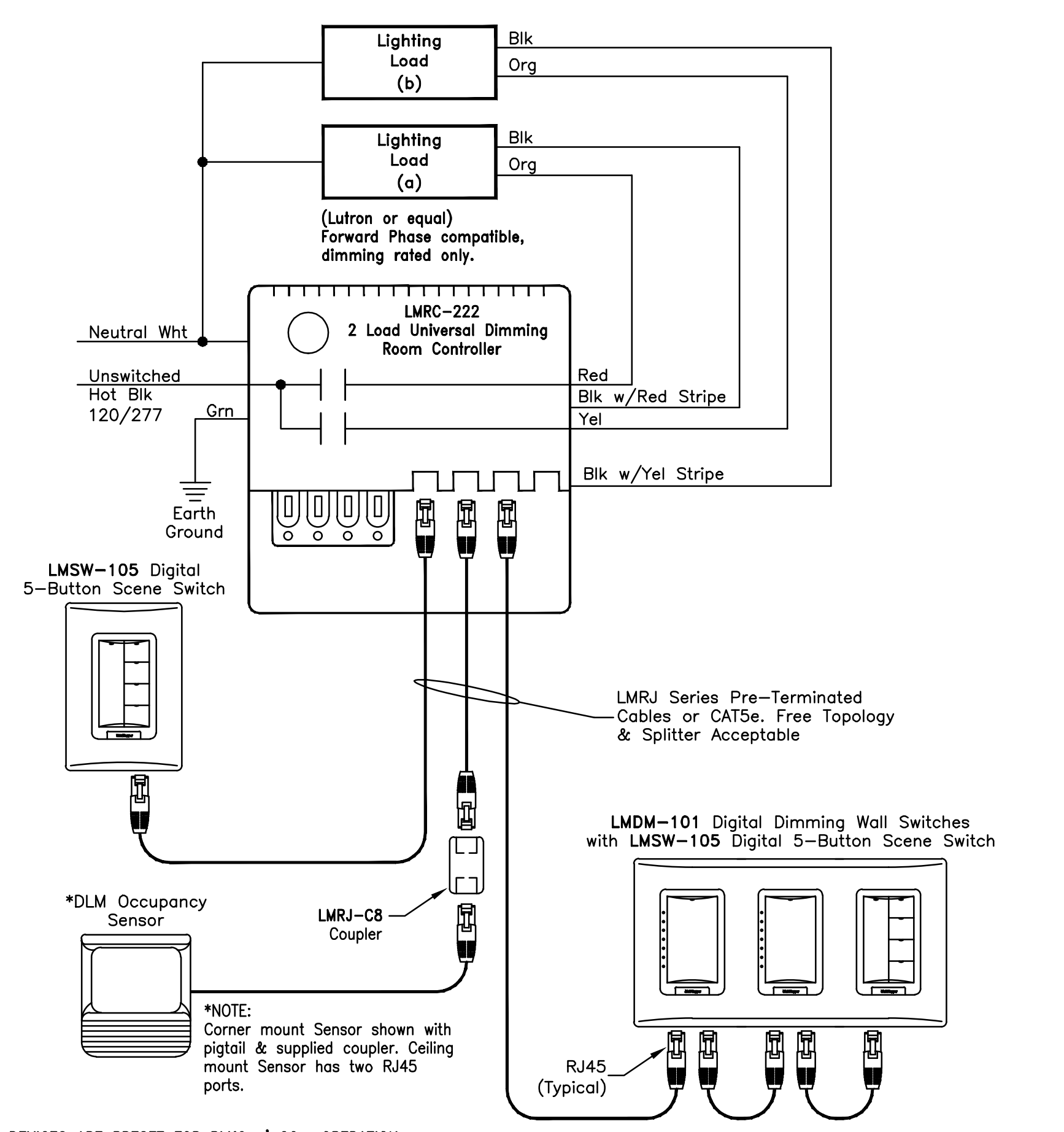
4 SWAY BRACING PLAN VIEW
NOT TO SCALE



5 CADDY CLIP MOUNTING
NOT TO SCALE

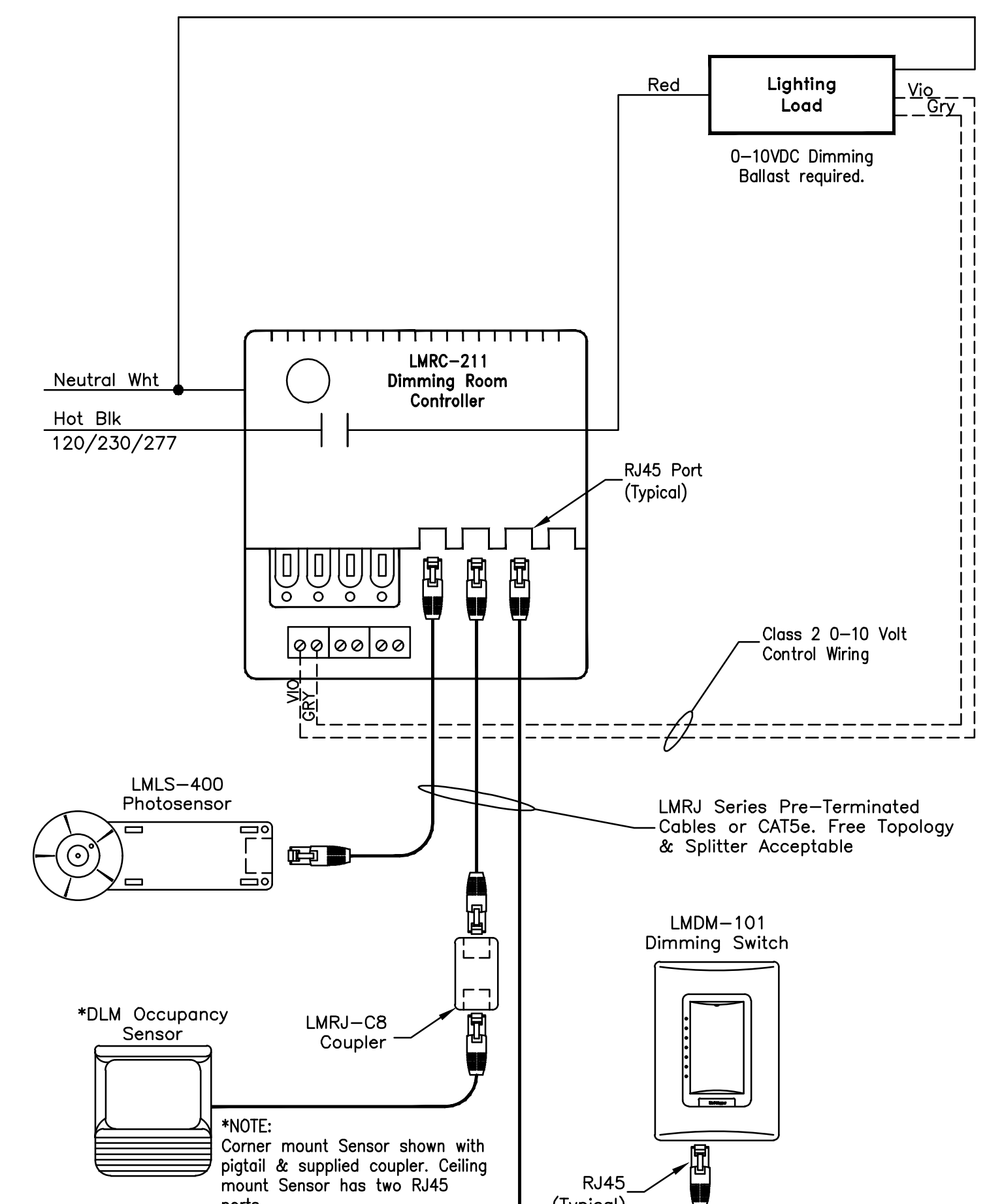
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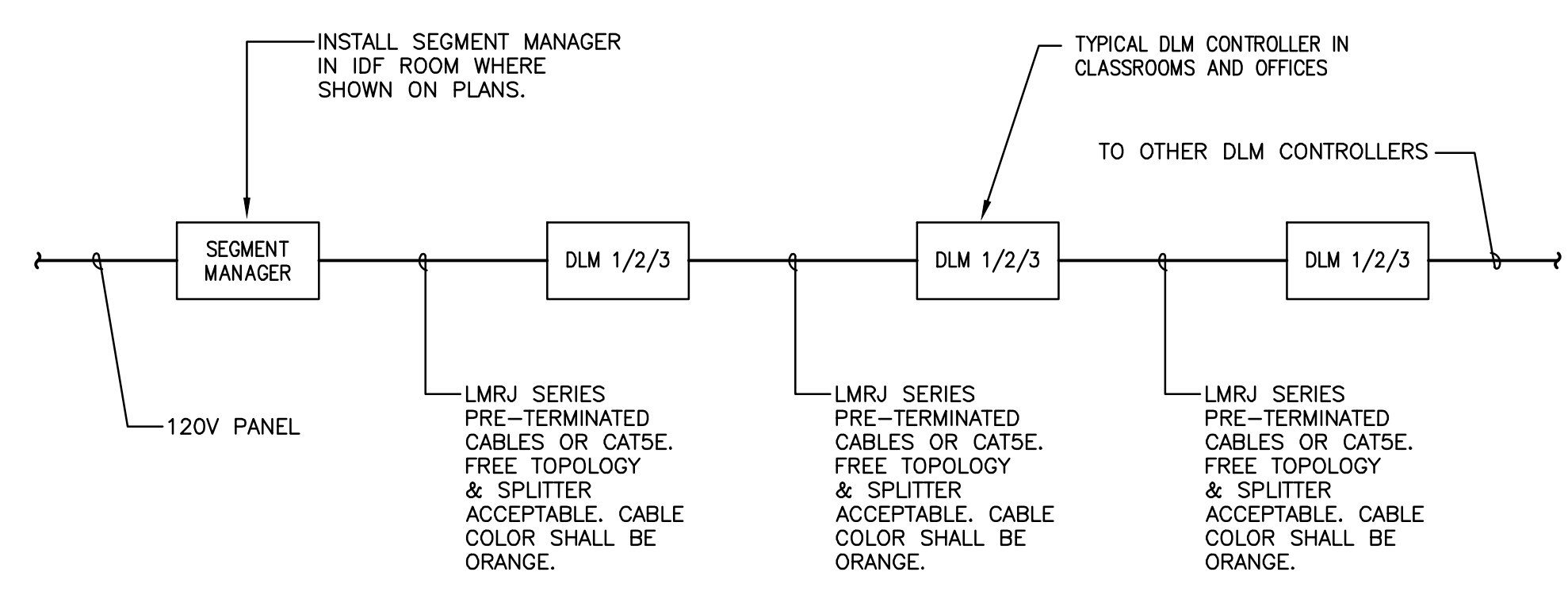
DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation: In this configuration the LMR-222 defaults to multi-level automatic-on/automatic-off operation. Load (a) on the LMR-222 turns on automatically, while Load (b) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. At system startup, default dimming parameters are established including: levels for presets 1-4; fade times; and fade and ramp rates. Dimming and system parameters may be customized. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

1 LIGHTING CONTROL WIRING DIAGRAM—NO DAYLIGHTING NOT TO SCALE

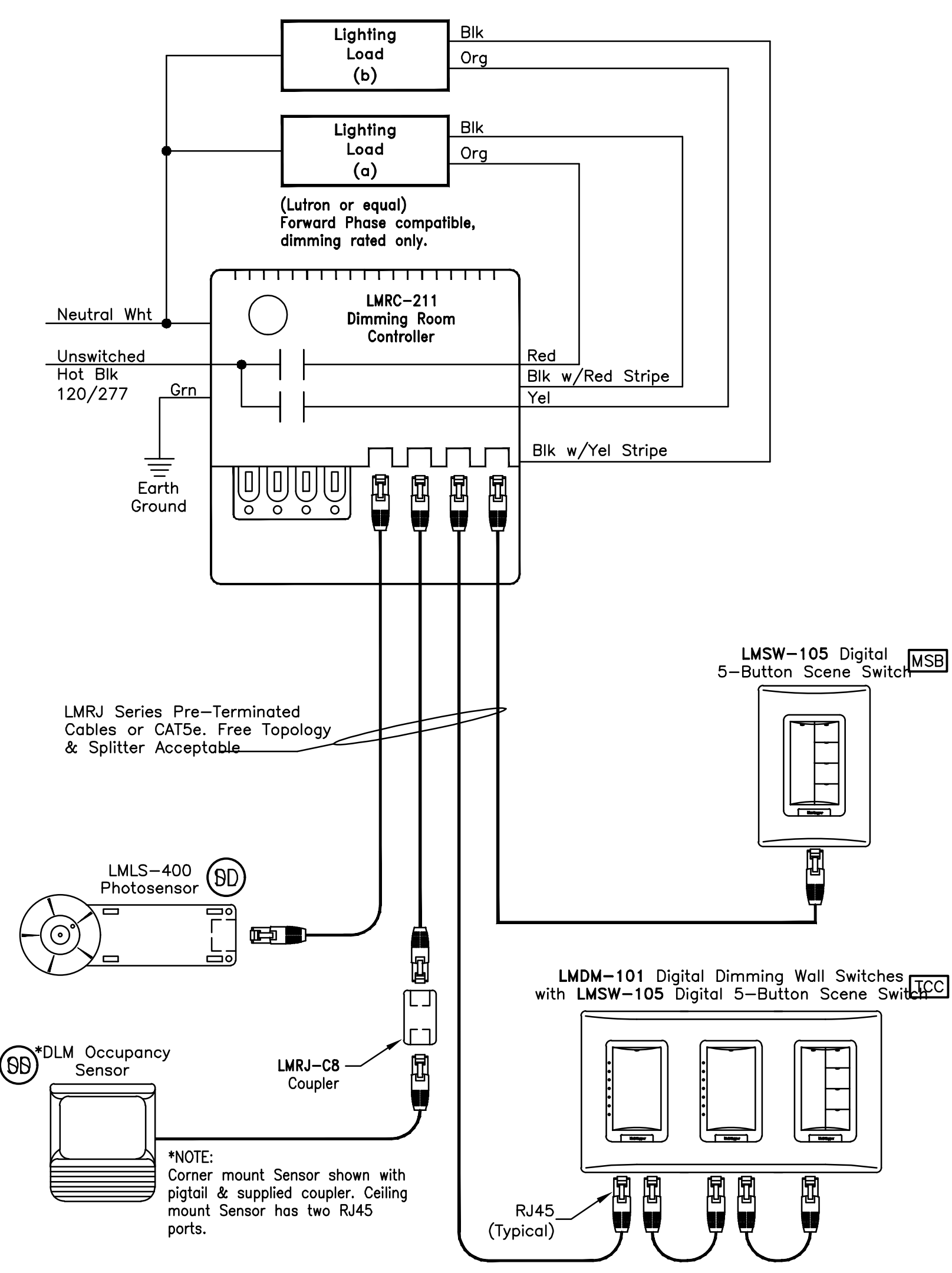


DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation: The LMLS-400 monitors the ambient light in the controlled space and works with the room controller(s) to maintain the design light level. WattStopper's exclusive control algorithm uses on/off or dimming setpoints and other control parameters to establish the correct light levels throughout the day regardless of changing daylight contribution. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

2 LIGHTING CONTROL WIRING DIAGRAM— WITH DAYLIGHTING NOT TO SCALE



4 OVERALL LOW VOLTAGE WIRING DIAGRAM NOT TO SCALE



3 TYPICAL CLASSROOM LIGHTING CONTROL WIRING NOT TO SCALE

TYPICAL CLASSROOM LIGHTING CONTROL

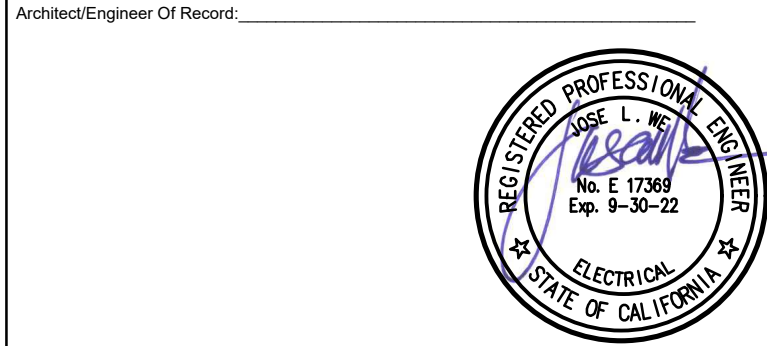
- EACH CLASSROOM IS TO BE PROVIDED WITH (2) OR (3) ROWS OF DIMMABLE LUMINAIRES AND WHITEBOARD LUMINAIRES.
- FIXTURES UTILIZE LED DIMMING FOR GENERAL LIGHTING AND FOR 'AV' MODE OPERATION. THE AUTOMATIC LIGHTING CONTROLS INCLUDE INTEGRAL OCCUPANCY SENSORS THAT TURN ON AND OFF WHEN OCCUPANT IS DETECTED AND INTEGRAL CONTINUOUS DAYLIGHTING CONTROLS THAT AUTOMATICALLY DIM THE LIGHTS WHEN SUFFICIENT NATURAL DAYLIGHT IS MORE THAN THE FOOTCANDLE SET POINT.
- FIXTURES CAN BE MANUALLY CONTROLLED WHEN ROOM IS OCCUPIED FOR GENERAL LIGHTING AND 'AV' MODE AT THE MAIN SWITCH BANK(MSB) AT THE MAIN ENTRANCE AND AT THE TEACHER CONTROL CENTER(TCC). IT SHALL BE CAPABLE OF MANUALLY DIMMING THE FIXTURES AT ANYTIME.
- GENERAL LIGHTING SHALL UTILIZE UP AND DOWN LIGHTING IN FIXTURES FOR MAXIMUM OUTPUT.
- WHITEBOARD LUMINAIRES SHALL BE CONTROLLED BY THE 'TCC' AT THE FRONT OF THE CLASSROOM.
- THE AUTOMATIC LIGHTING CONTROLS INCLUDE OCCUPANCY SENSORS THAT TURN ON AND OFF WHEN OCCUPANT IS DETECTED AND CONTINUOUS DAYLIGHTING CONTROLS THAT AUTOMATICALLY DIM THE LIGHTS WHEN SUFFICIENT NATURAL DAYLIGHT IS MORE THAN THE FOOTCANDLE SET POINT.
- FOOTCANDLE LEVEL SHALL BE SET BETWEEN 35-50 FC PER THE DISTRICT REQUIREMENTS. CALIBRATION SHALL BE ACCOMPLISHED WITHOUT A LADDER AND WITHOUT ANY SPECIAL EQUIPMENT OTHER THAN AN ACCURATE LIGHT METER. NIGHTTIME LEVELS SHALL CLOSELY MATCH THE DAYTIME SETPOINTS. FINAL CALIBRATION SHALL BE PROVIDED BY AN AUTHORIZED REPRESENTATIVE OF FINELITE INC AND SHALL BE INCLUDED IN THE SYSTEM COST. CLOSED-LOOP CONTINUOUS DIMMING FOR DAYLIGHTING AND AV CONTROL.
- THE CONTINUOUS DAYLIGHT DIMMING(CDD) SHALL MEASURE LIGHT AT WORKPLANE WITHIN A 60° CONE AND SHALL MAINTAIN A CONSTANT LIGHT LEVEL. A 3-MINUTE TIME CONSTANT SHALL PROVIDE JUMP-FREE LEVEL CONTROL FOR ENERGY USE REDUCTION WHENEVER DAYLIGHT IS PRESENT IN THE AREA LIGHTED BY EACH FIXTURE ROW.

DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation: The LMLS-400 monitors the ambient light in the controlled space and works with the room controller(s) to maintain the design light level. WattStopper's exclusive control algorithm uses on/off or dimming setpoints and other control parameters to establish the correct light levels throughout the day regardless of changing daylight contribution. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

DLM3

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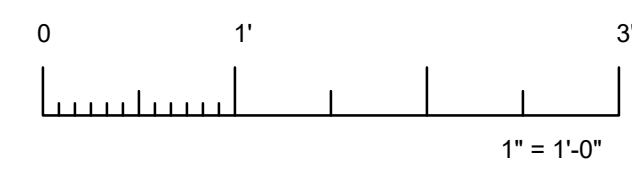
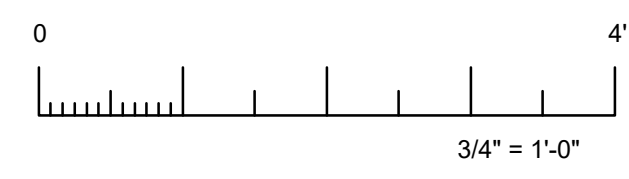
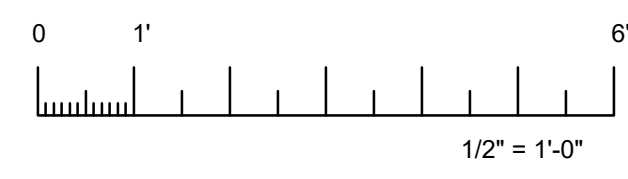
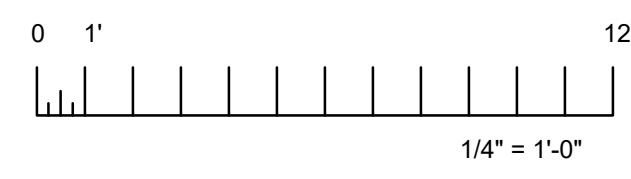
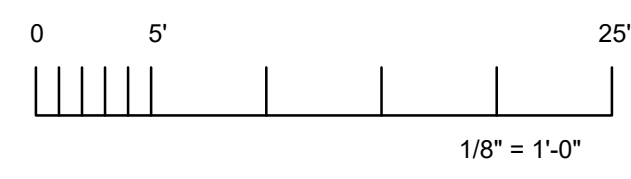
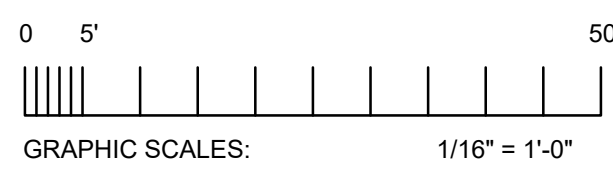
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Facility
SAN RAFAEL HIGH SCHOOL
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Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL DETAILS

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E0.06
Checked By: TLK	
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Sheet	51 of 68



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Revisions				
No.	Revisions	By	Date	Appr.

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Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL DETAILS

Client Project Number: Client Proj. #

Scale: AS NOTED Sheet

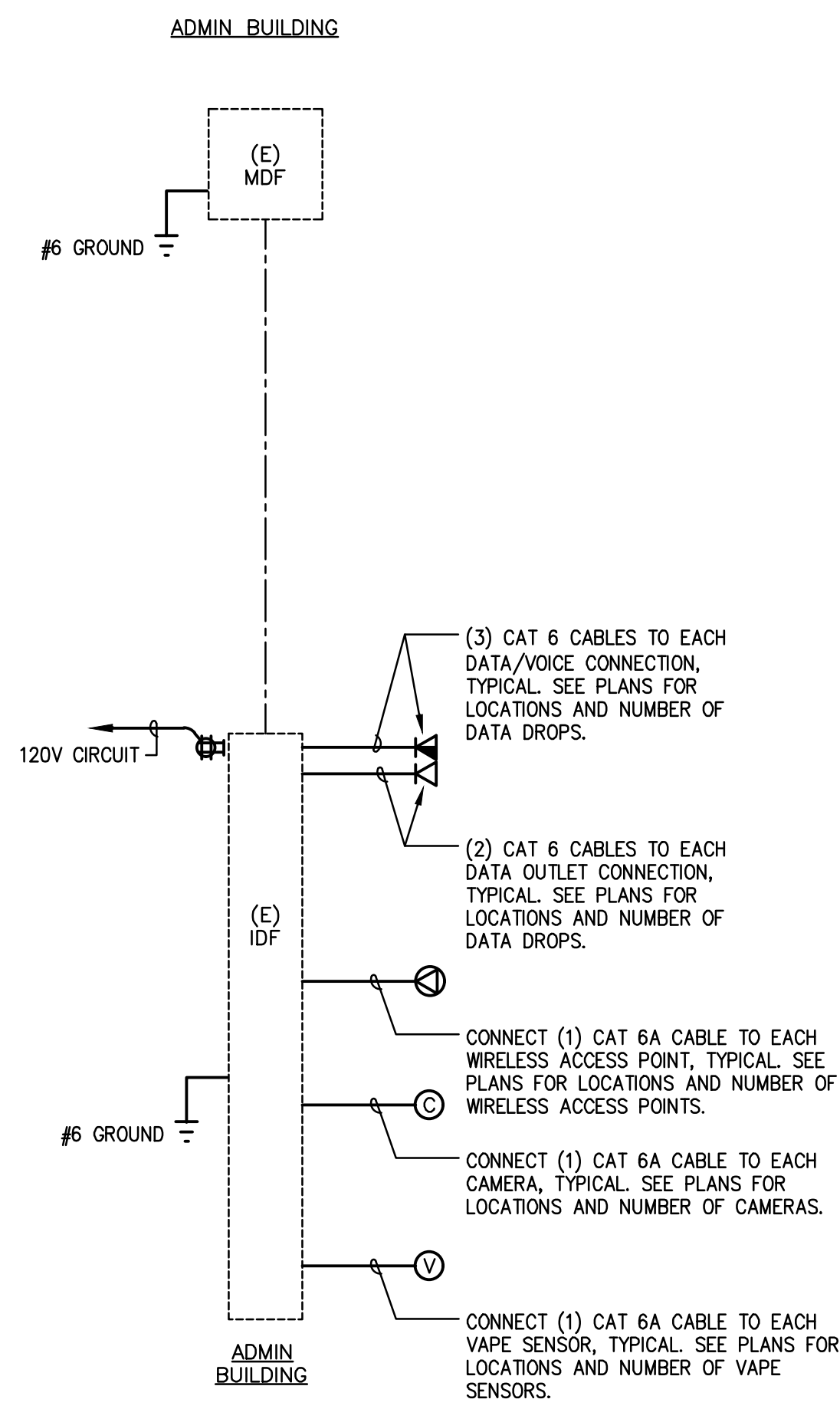
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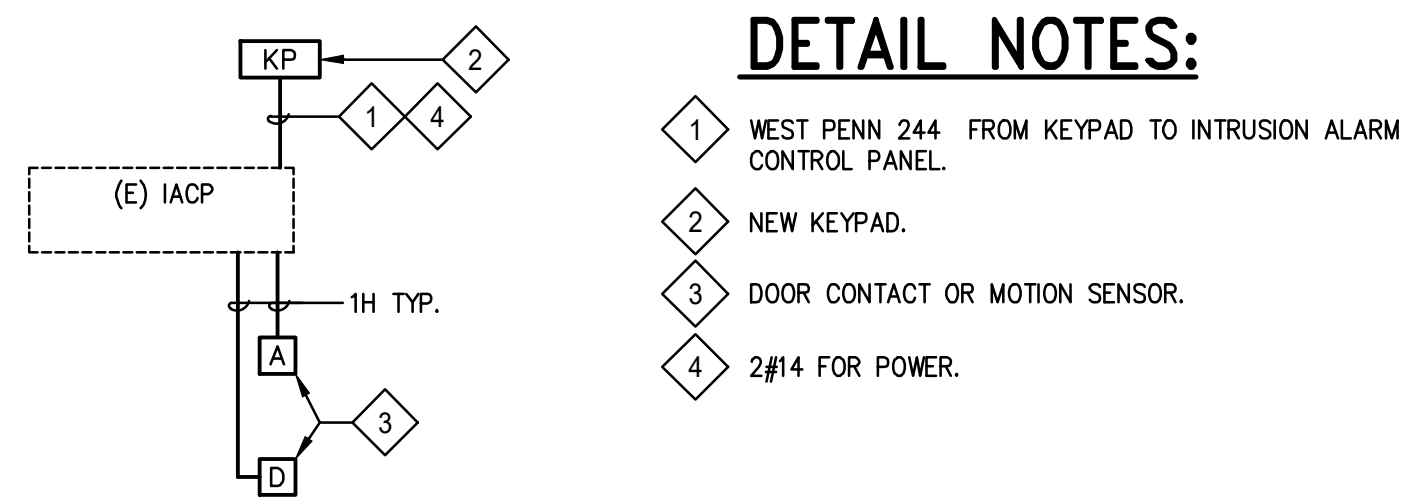
Issue Date: 7/16/21

Revit Version: 2019 Sheet 52 of 68

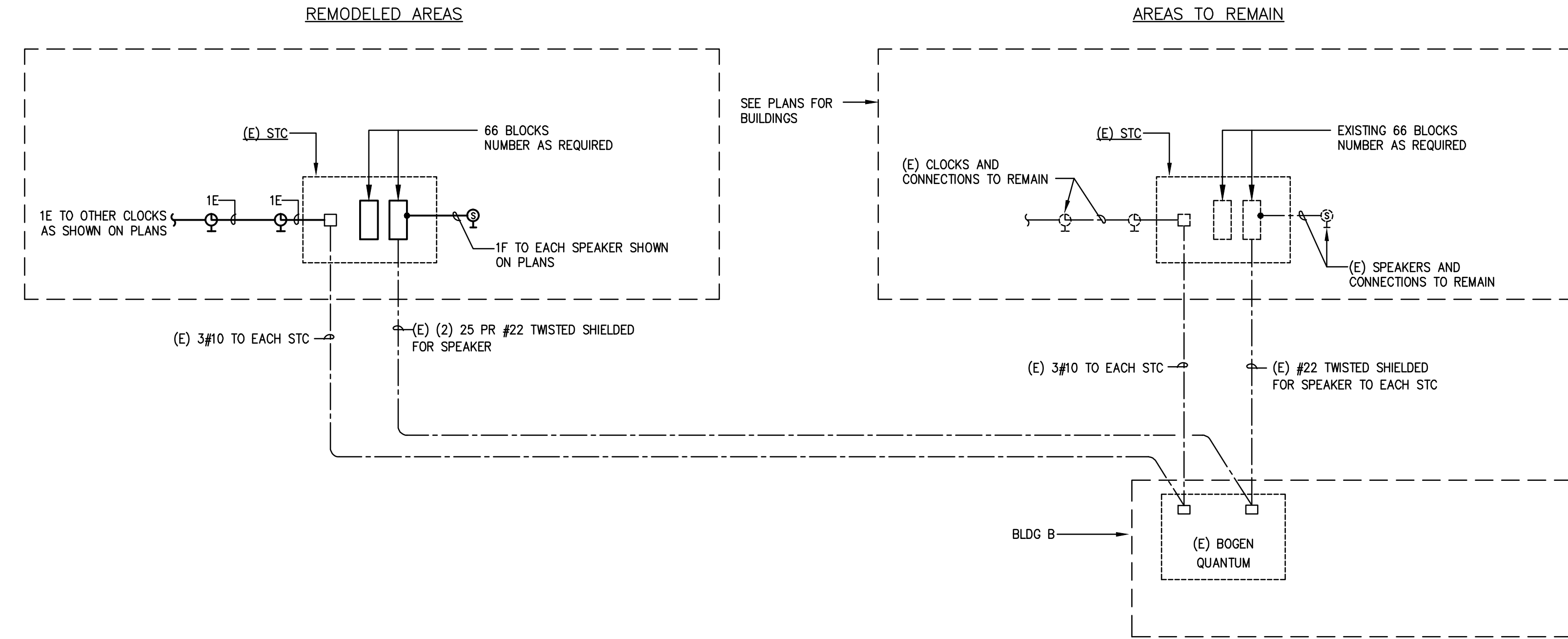
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1 DATA/TELEPHONE DISTRIBUTION RISER DIAGRAM
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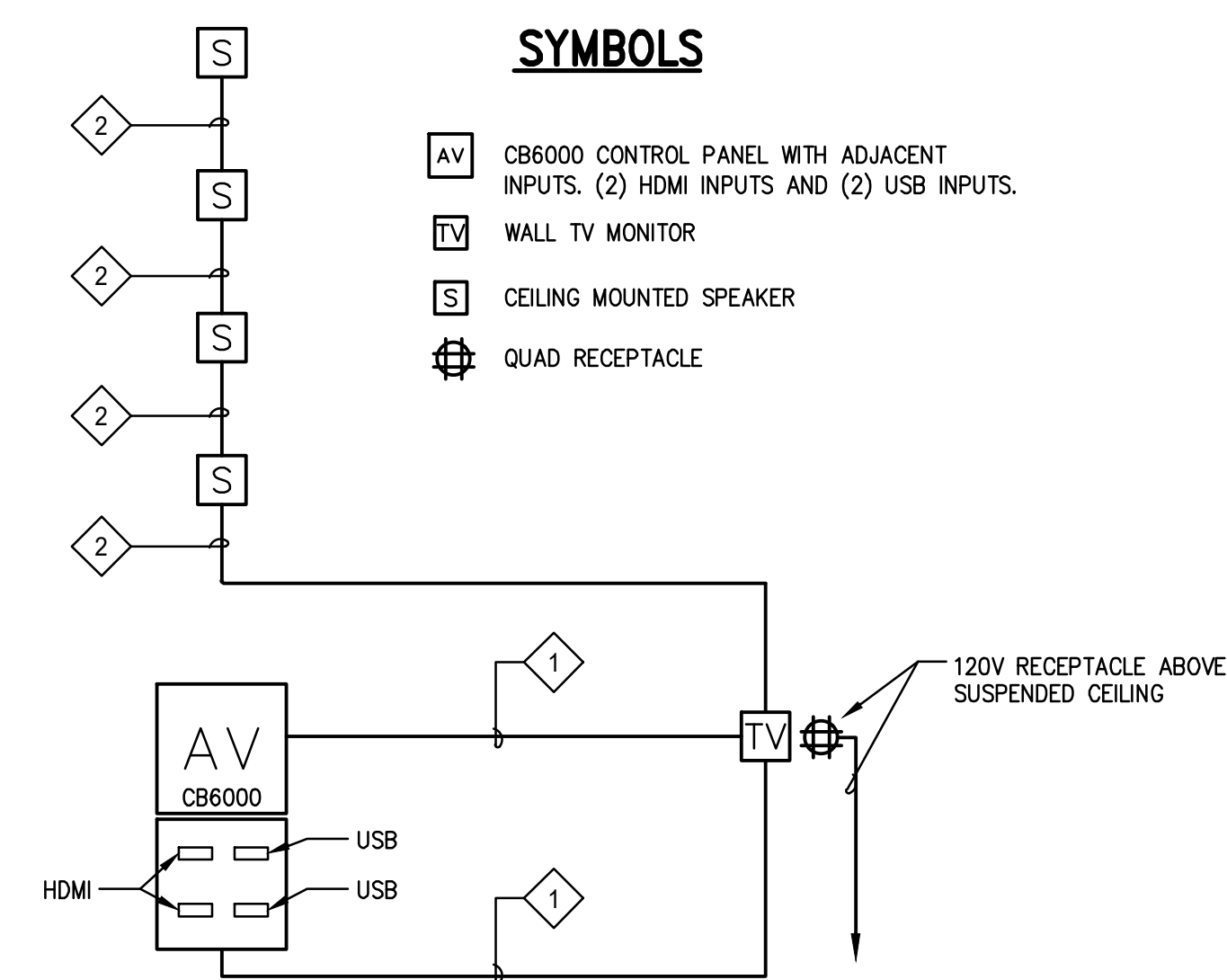


3 INTRUSION ALARM RISER DIAGRAM
NOT TO SCALE



2 CLOCK/SPEAKER DIAGRAM
NOT TO SCALE

CLASSROOM AV SYSTEM SCHEDULE	
AV system	FRONTROW ezRoom (provide a duplex receptacle for the plenum switcher)
Media Source Control	CB6000 Touch Screen Control Panel (Requires a double-gang electrical box)
Speakers	Frontrow Lay-in speakers
Media Source Interfacing	Frontrow WP-PC Frontrow WP-HDMI
Priority Pager Sensor Kit	Frontrow TB13
Wireless Microphone system	Frontrow Microphones package includes: (1) Pendant Microphone ITM-02(1) Handheld Midrange ISM-01 Charging Station Receiver ICM-01



NOTES:

- SEE DISTRICT A/V SPECIFICATIONS AND PARTS LIST FOR COMPLETE POWER AND DATA REQUIREMENTS.

DETAIL NOTES:

- 1 2" CONDUIT IN WALL WITH REQUIRED CABLES PER FRONT ROW. CABLES MAY BE RUN ON J-HOOKS ABOVE SUSPENDED CEILINGS.
- 2 3.5MM AUDIO CABLES. CABLES MAY BE RUN ON J-HOOKS ABOVE SUSPENDED CEILINGS.

4 FRONT ROW RISER DIAGRAM
NOT TO SCALE



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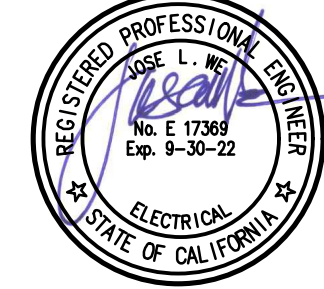
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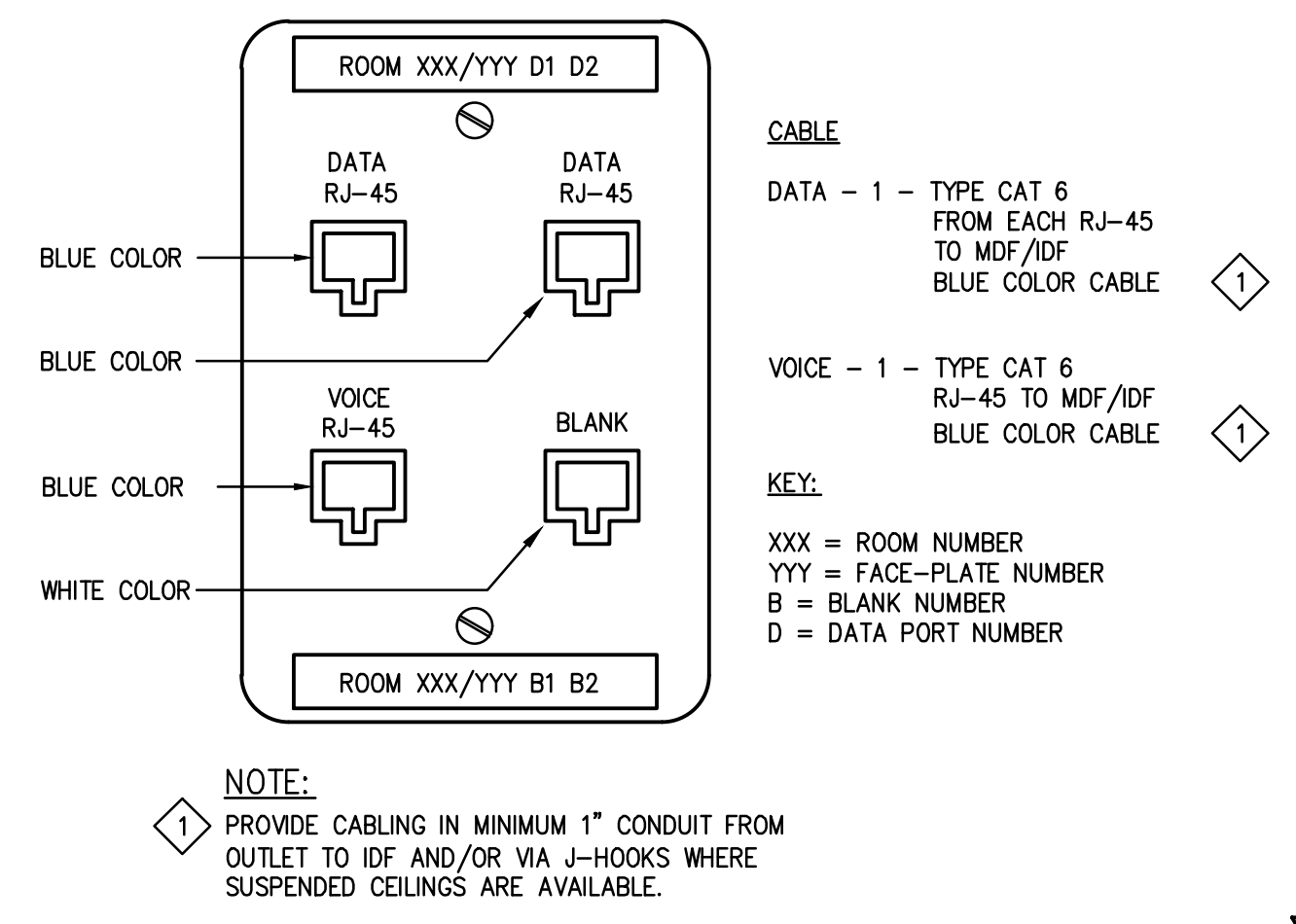
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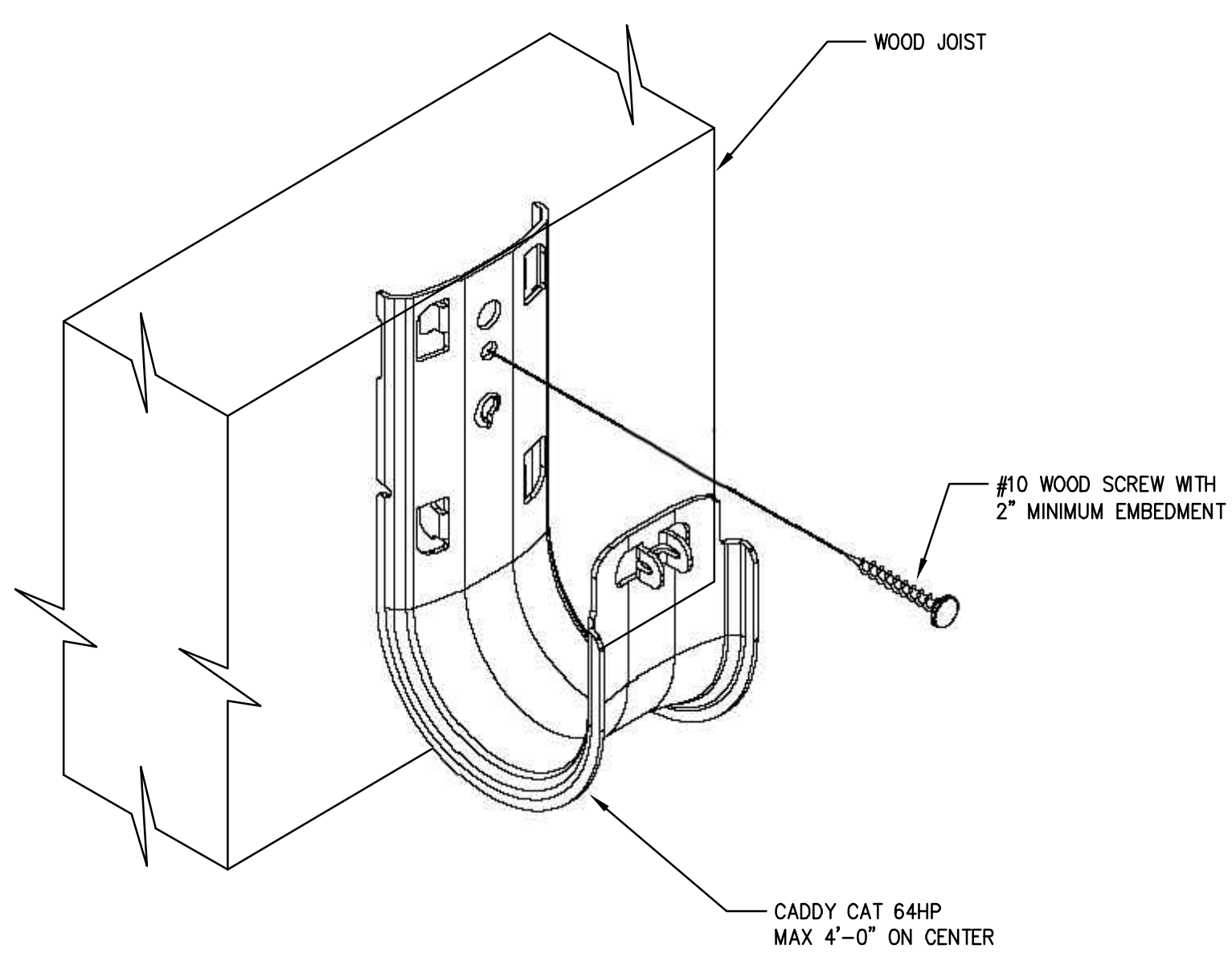
Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL DETAILS

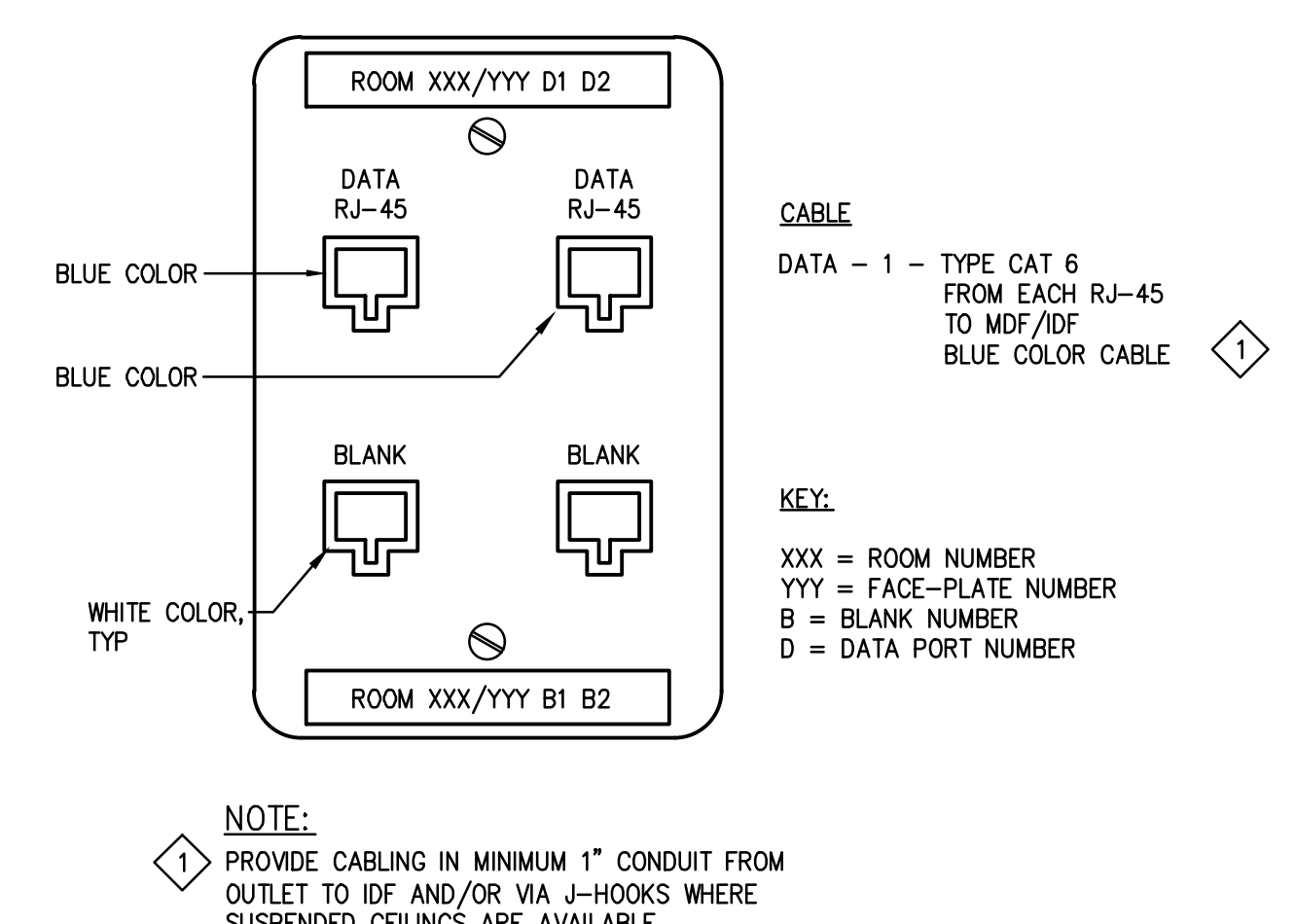
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Issue Date: 7/16/21	
Revit Version: 2019	
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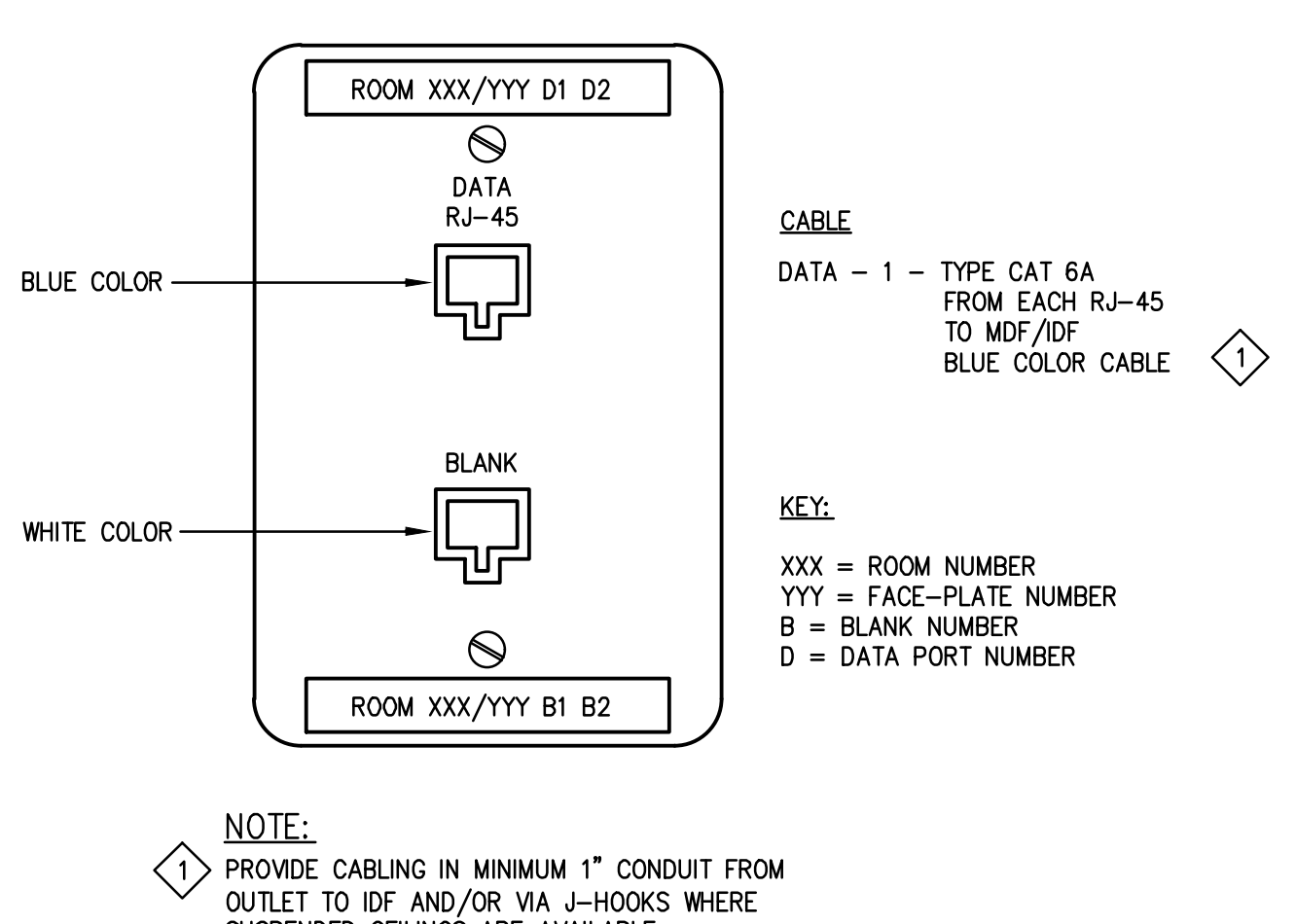
1 TYPICAL ADMIN/TEACHER'S VOICE/DATA OUTLET
 NOT TO SCALE



4 CABLE PATHWAYS
 NOT TO SCALE



2 TYPICAL STUDENT DATA OUTLET
 NOT TO SCALE



3 TYPICAL WIRELESS DATA OUTLET
 NOT TO SCALE



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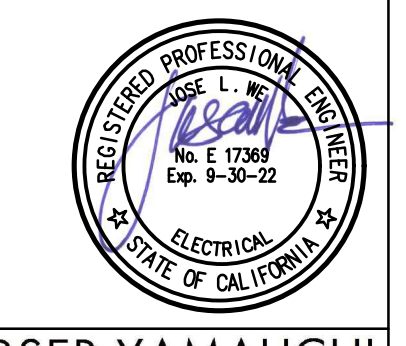
Revisions

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HY ARCHITECTS JOB NUMBER 5323

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Project
AD BUILDING REMODEL

Sheet Title
**ELECTRICAL TITLE 24
INTERIOR LIGHTING**

Client Project Number:	Client Proj. #
Scale:	AS NOTED
Drawn By:	DAM
Checked By:	TLK
Issue Date:	7/16/21
Revit Version:	2019
Sheet	E0.09
Sheet	54 of 68

STATE OF CALIFORNIA Indoor Lighting
NRCCLTI-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: SAN RAFAEL HIGH SCHOOL, ADMIN BLDG
Project Address: 150 3RD ST, SAN RAFAEL, CA 94901

Report Page: Page 1 of 6
Date Prepared: 04-15-21

A. GENERAL INFORMATION
01 Project Location (city): SAN RAFAEL
02 Climate Zone: 3
03 Occupancy Types Within Project (select all that apply):
 Office Retail Warehouse High-Rise Residential Relocatable
 Hotel/Motel School Healthcare Other (write in):
04 Total Conditioned Floor Area (ft²): 5,520
05 Total Unconditioned Floor Area (ft²):
06 # of Stories (Habitable Above Grade): 1
07 Support Areas

B. PROJECT SCOPE
Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b) for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".
Scope of Work:
01 My Project Consists of (check all that apply):
 New Lighting System
 Altered Lighting System
02 Calculation Method
03 Area (ft²): 5,520
04 Calculation Method
05 Area (ft²):
Total Area of Work (ft²): 5,520

C. COMPLIANCE RESULTS
Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.
Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b).
01 Complete Building §140.6(c)1
02 Area Category §140.6(c)2
03 Area Category Additional §140.6(c)2G (+)
04 Tailored §140.6(c)3 (+)
05 Total Allowed (Watts): 3,864
06 Adjusted Lighting Power per §140.6(a) (Watts)
07 Adjustments PAF Control Credits §140.6(a)2 (-)
08 Total Adjusted (Watts) Includes Adjustments: 3,524
09 Compliance Results: 05 Must be ≥ 08 §140.6. COMPLIES

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA Indoor Lighting
NRCCLTI-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: SAN RAFAEL HIGH SCHOOL, ADMIN BLDG
Project Address: 150 3RD ST, SAN RAFAEL, CA 94901

Report Page: Page 2 of 6
Date Prepared: 04-15-21

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
Selections made in Table U have been changed by the permit applicant. See Table E. Additional Remarks for permit applicant's explanation.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE
Table Instructions: Include all permanent designed lighting and all portable lighting in offices.
Designed Wattage: Conditioned Spaces
01 02 03 04 05 06 07 08 09 10
Name or Item Tag Complete Luminaire Description Modular (Track) Fixture Small Aperture & Color Change Watts per luminaire¹ How Wattage is determined Total number luminaires Exempt per §140.6(a)3 Design Watts Field Inspector Pass Fail
A SUSPENDED LINEAR 37 Mfr. Spec² 72 2,664
B SUSPENDED WALLWASH 37 Mfr. Spec² 20 740
C SURFACE 2X2 20 Mfr. Spec² 3 60
D RECESSED 2X2 20 Mfr. Spec² 3 60
Total Designed Watts CONDITIONED SPACES: 3,524

¹ FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)(4) is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
² Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c). Wattage used must be the maximum rated for the luminaire, not the lamp.

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Report Page: Page 3 of 6
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G. MODULAR LIGHTING SYSTEMS
This Section Does Not Apply

H. INDOOR LIGHTING CONTROLS (Not Including PAFs)
Table Instructions: Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.
01 Mandatory Demand Response §130.12(c)
02 Shut-Off Controls §130.1(c)
03 Field Inspector Pass Fail
Area Level Controls
04 05 06 07 08 09 10 11 12
Area Description Complete Building or Area Category Primary Function Area Area Controls §130.1(a) Multi-Level Controls §130.1(b) Shut-Off Controls §130.1(c) Primary/Skyliht Daylighting §130.1(d) Secondary Daylighting §140.6(d) Interlocked Systems §140.6(a)1 Field Inspector Pass Fail
CLASSROOM Classroom, Lecture, Training, Vocational Manual ON/OFF Dimmer Occ. Sensor Included:
13
Plan Sheet Showing Daylight Zones:
*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
Ex. Conference 1: Primary/Skyliht Daylighting. Exempt because less than 120 watts of general lighting;
EXCEPTION 1 to §130.1(d)2

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per §140.6(b). Indicate if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used.
Conditioned Spaces
01 02 03 04 05 06
Area Description Complete Building or Area Category Primary Function Area Allowed Density (W/ft²) Area (ft²) Allowed Wattage (Watts) Additional Allowances / Adjustment Area Category PAF
CLASSROOM Classroom, Lecture, Training, Vocational 0.7 5,520 3,864 See Tables J or P for detail
TOTAL: 5,520 3,864

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

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Report Page: Page 4 of 6
Date Prepared: 04-15-21

01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment Area Category PAF

J. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This Section Does Not Apply

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This Section Does Not Apply

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This Section Does Not Apply

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This Section Does Not Apply

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS
This Section Does Not Apply

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This Section Does Not Apply

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
This Section Does Not Apply

Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS
This Section Does Not Apply

R. 80% LIGHTING POWER FOR ALTERATIONS - CONTROLS EXCEPTIONS
This Section Does Not Apply

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

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S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
This Section Does Not Apply

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRC/

YES	NO	Form/Title	Field Inspector Pass Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCLTI-01-E - Must be submitted for all buildings	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCLTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCLTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCLTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCLTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	<input type="checkbox"/> <input type="checkbox"/>

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

YES	NO	Form/Title	Field Inspector Pass Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	<input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	<input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-ENV-03-F - Must be submitted for daylighting design power adjustment factors (PAF).	<input type="checkbox"/> <input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA Indoor Lighting
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Project Address: 150 3RD ST, SAN RAFAEL, CA 94901

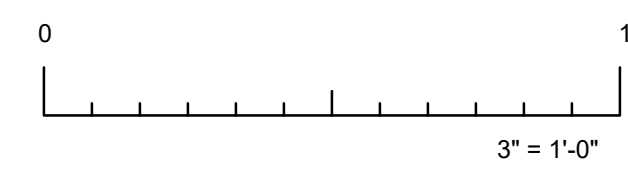
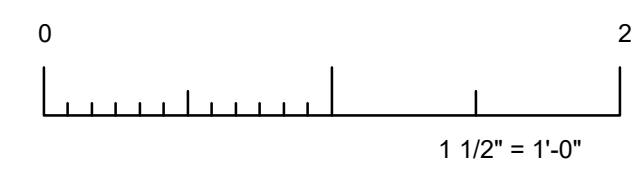
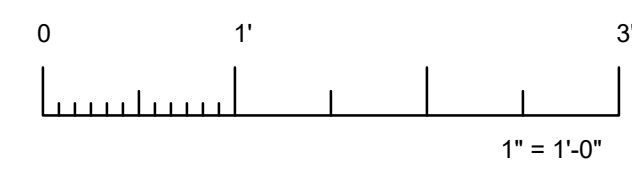
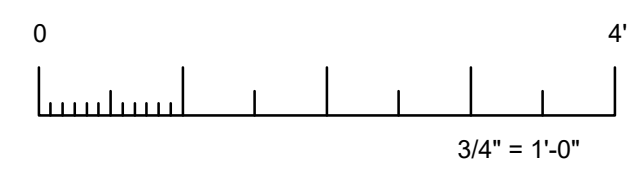
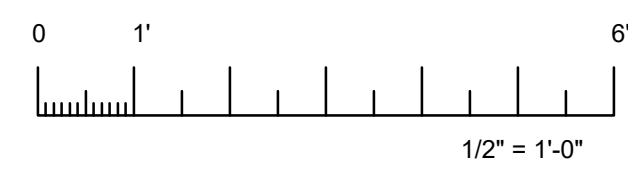
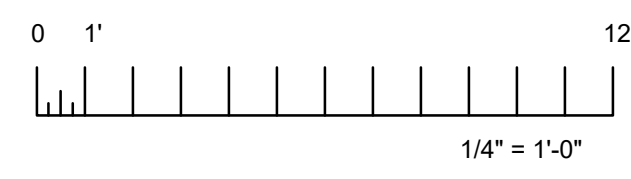
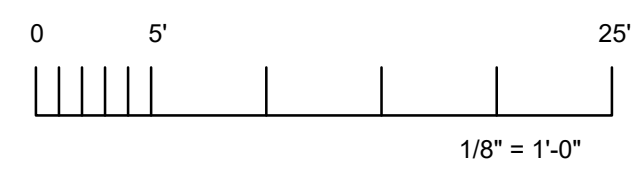
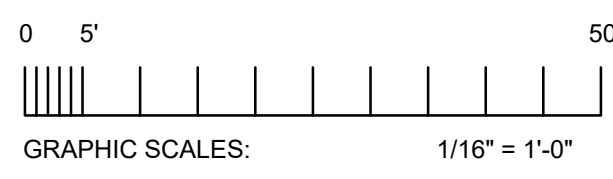
Report Page: Page 6 of 6
Date Prepared: 04-15-21

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: JOSE WE
Company: WKM ELECTRICAL CONSULTANTS, INC
Address: 3397 MT. DIABLO BLVD., SUITE C
City/State/Zip: LAFAYETTE, CA 94549
Documentation Author Signature:
Signature Date: 04-05-21
CEA/HERS Certification Identification (if applicable):
Phone: 925-385-0643

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: JOSE WE
Company: WKM ELECTRICAL CONSULTANTS, INC
Address: 3397 MT. DIABLO BLVD., SUITE C
City/State/Zip: LAFAYETTE, CA 94549
Responsible Designer Signature:
Date Signed: 04-15-21
License: E-17369
Phone: 925-385-0643

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SS FLS ACS
DATE: 07/26/2021

SR SAN RAFAEL CITY SCHOOLS

Revisions				
No.	Revisions	By	Date	Appr.

AGENCY APPROVAL

WJRM

Electrical Consultants Incorporated
3397 Mt. Diablo Blvd., Suite C
Lafayette, CA 94549
Tel: 925.385.0649
20-065

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Architect/Engineer Of Record:



HY HIBSER YAMAUCHI Architects, Inc.

300 - 27th Street
Oakland, CA 94612
510.446.2222 tel; 510.446.2211 fax
HY ARCHITECTS JOB NUMBER 5323

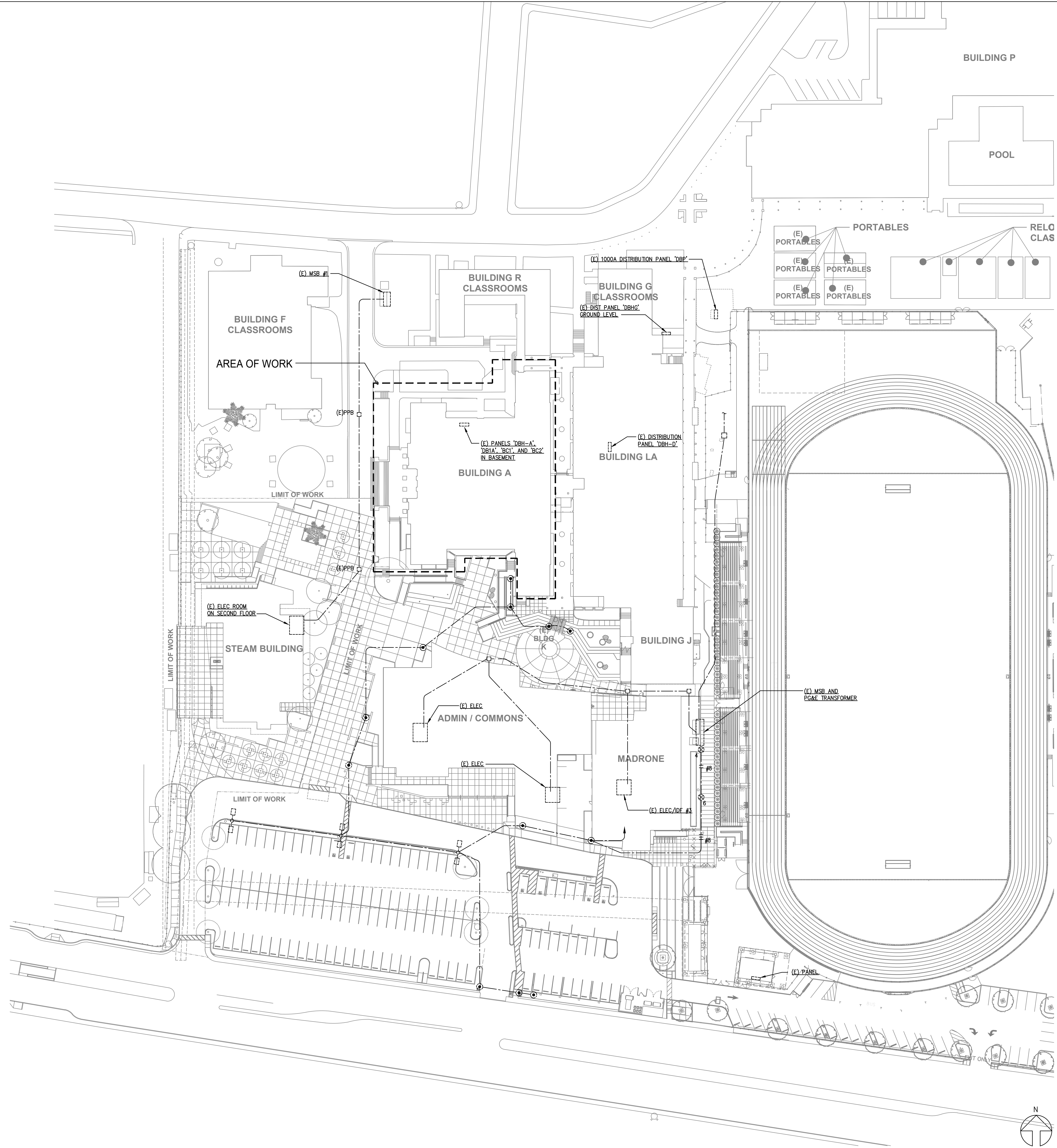
Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

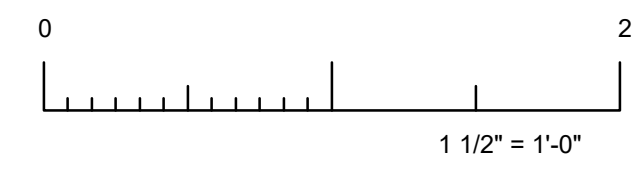
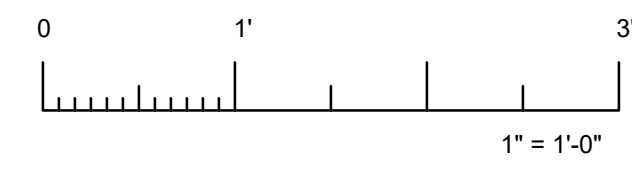
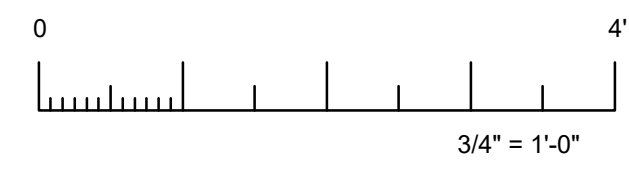
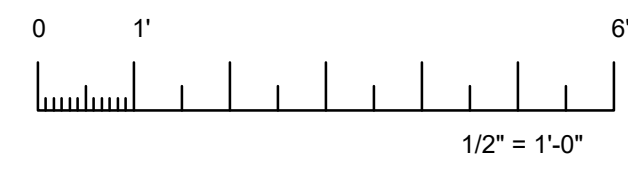
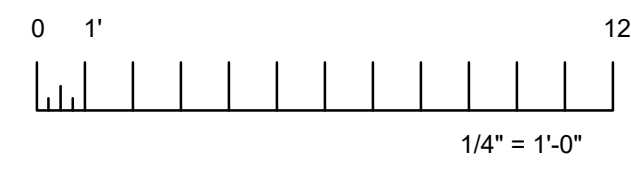
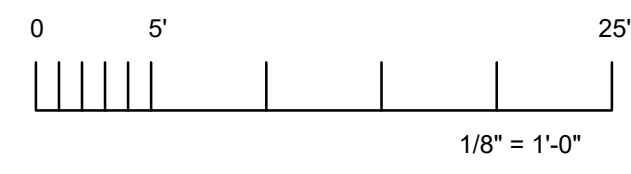
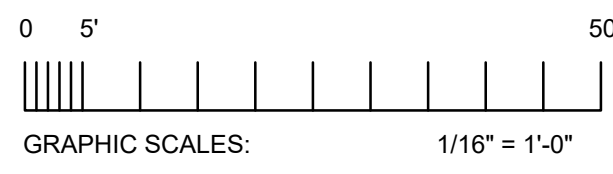
Sheet Title
ELECTRICAL LIGHTING AND POWER SITE PLAN

Client Project Number: Client Proj. #

Scale: AS NOTED	Sheet
Drawn By: DAM	E1.01
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
	Sheet 55 of 68



ELECTRICAL LIGHTING AND POWER SITE PLAN 1" = 40'-0" 1



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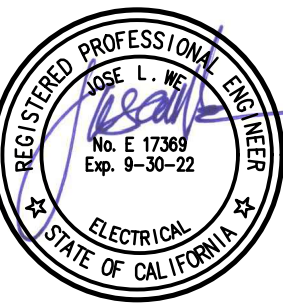
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 510.446.2222 tel; 510.446.2211 fax

HY ARCHITECTS JOB NUMBER 5323

Facility
 SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

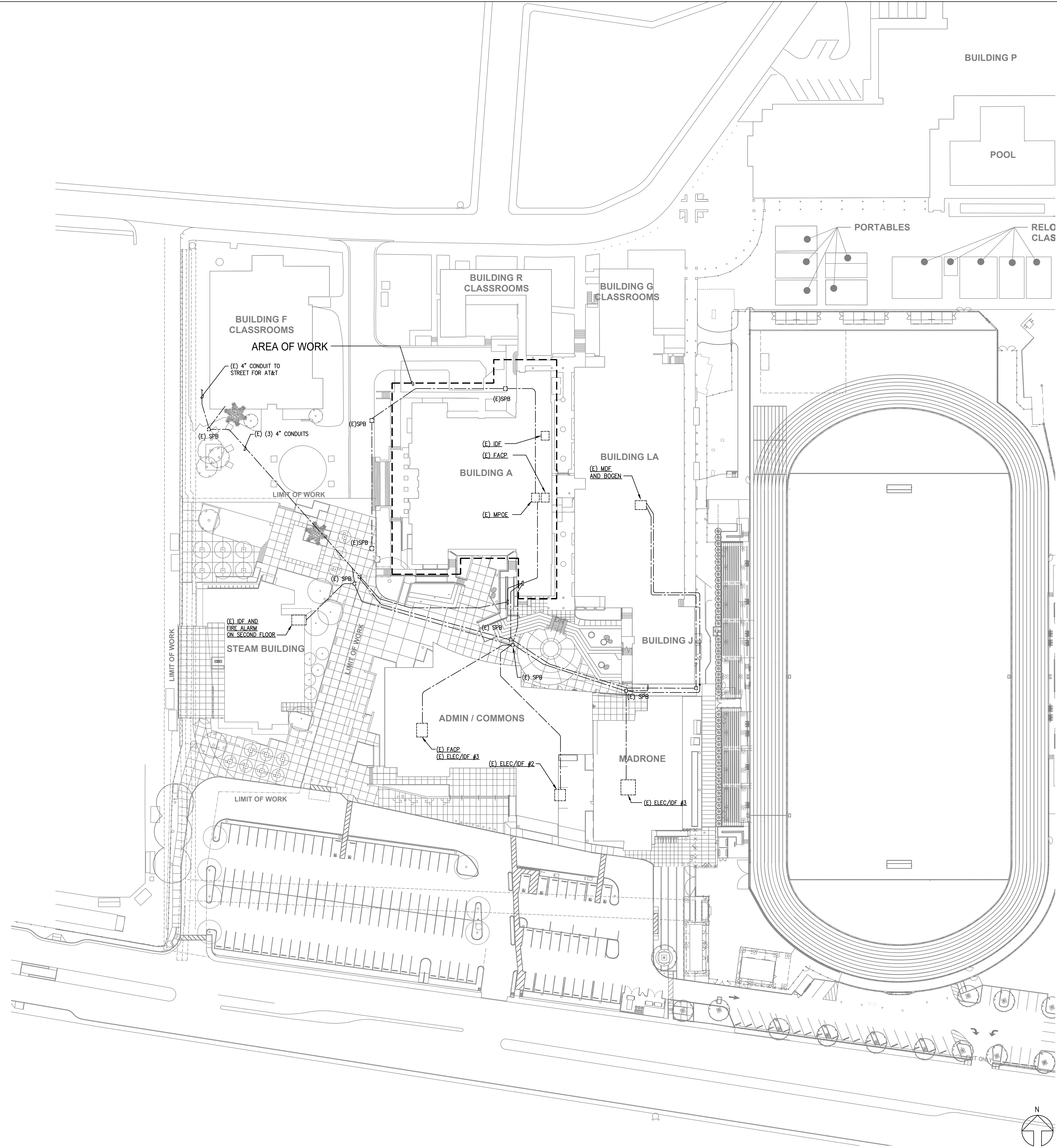
Project
 AD BUILDING REMODEL

Sheet Title
 ELECTRICAL SIGNAL SITE PLAN

Client Project Number: Client Proj. #

Scale: AS NOTED
 Drawn By: DAM
 Checked By: TLK
 Issue Date: 7/16/21
 Revit Version: 2019

Sheet
E1.02
 Sheet 56 of 68



ELECTRICAL SIGNAL SITE PLAN 1" = 40'-0" 1

GENERAL NOTES

- ALL LIGHT FIXTURES, CONDUIT AND WIRING TO REMAIN, UON.

SHEET NOTES

- EXISTING LIGHT FIXTURES, CONDUIT AND WIRING IN THIS AREA TO BE DISCONNECTED AND REMOVED.
- EXISTING FIXTURES TO BE RECONNECTED TO PANEL. EXTEND CONDUIT AND WIRING AS REQUIRED.

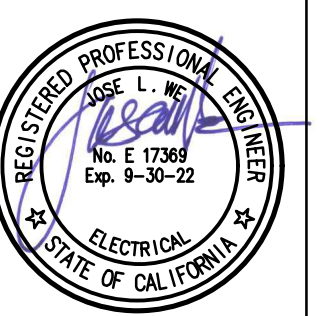


Revisions				
No.	Revisions	By	Date	Appr.

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150 3RD STREET, SAN RAFAEL, CA 94901

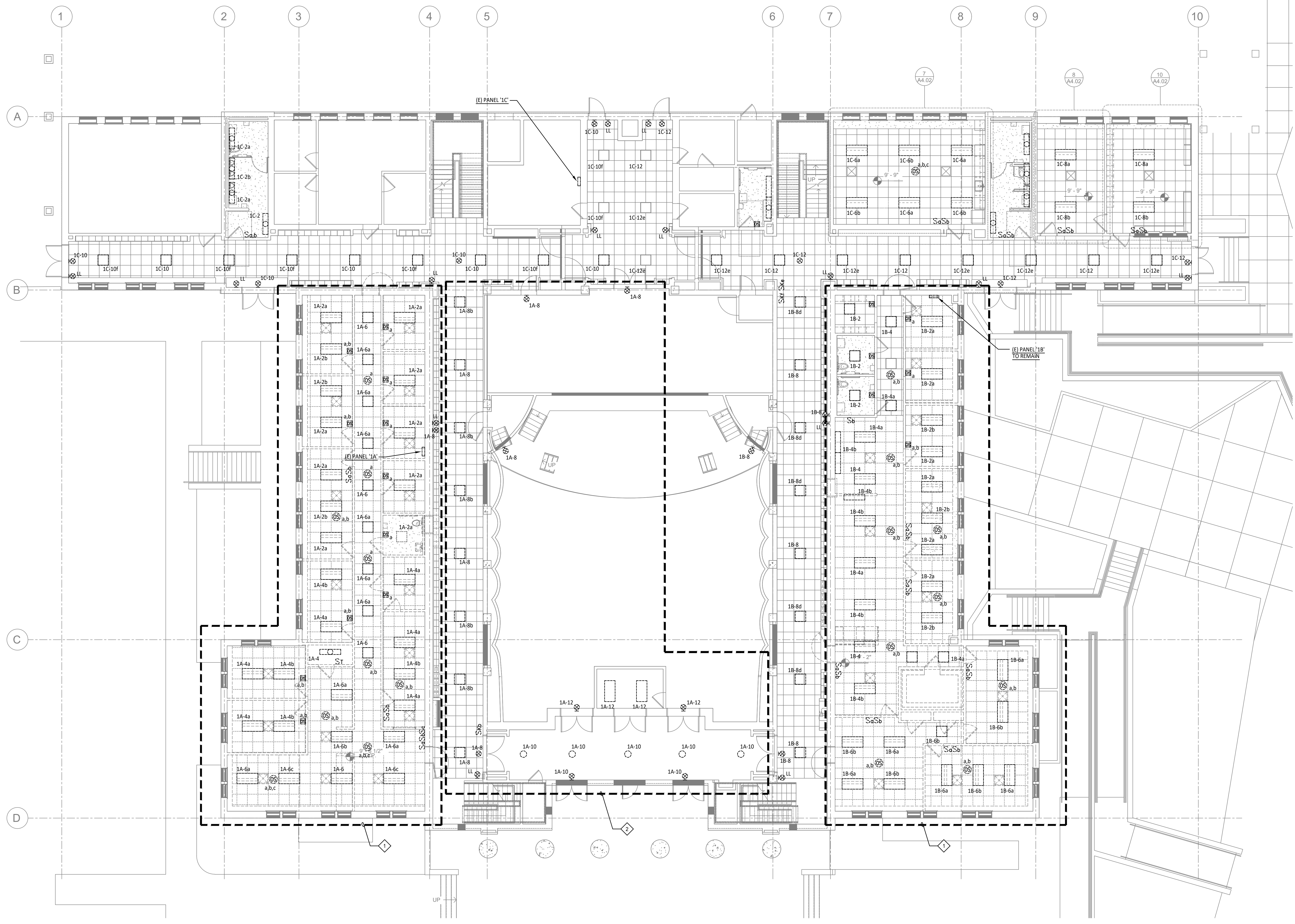
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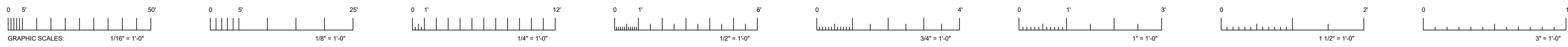
Sheet Title
ELECTRICAL DEMOLITION LIGHTING PLAN

Client Project Number: Client Proj. #

Scale: AS NOTED
Drawn By: DAM
Checked By: TLK
Issue Date: 7/16/21
Revit Version: 2019

Sheet
E2.01
Sheet 57 of 68





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SHEET NOTES

- ◊ EXISTING FIXTURES TO REMAIN CONNECTED TO PANEL '1B'.
- ◊ EXISTING FIXTURES TO BE RECONNECTED TO PANEL '1A'.

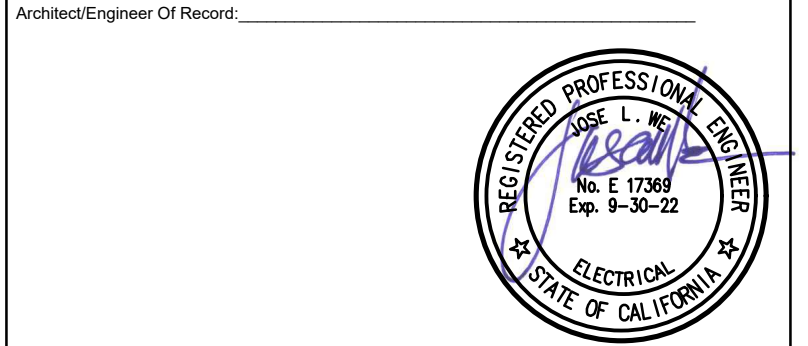


Revisions				
No.	Revisions	By	Date	Appr.

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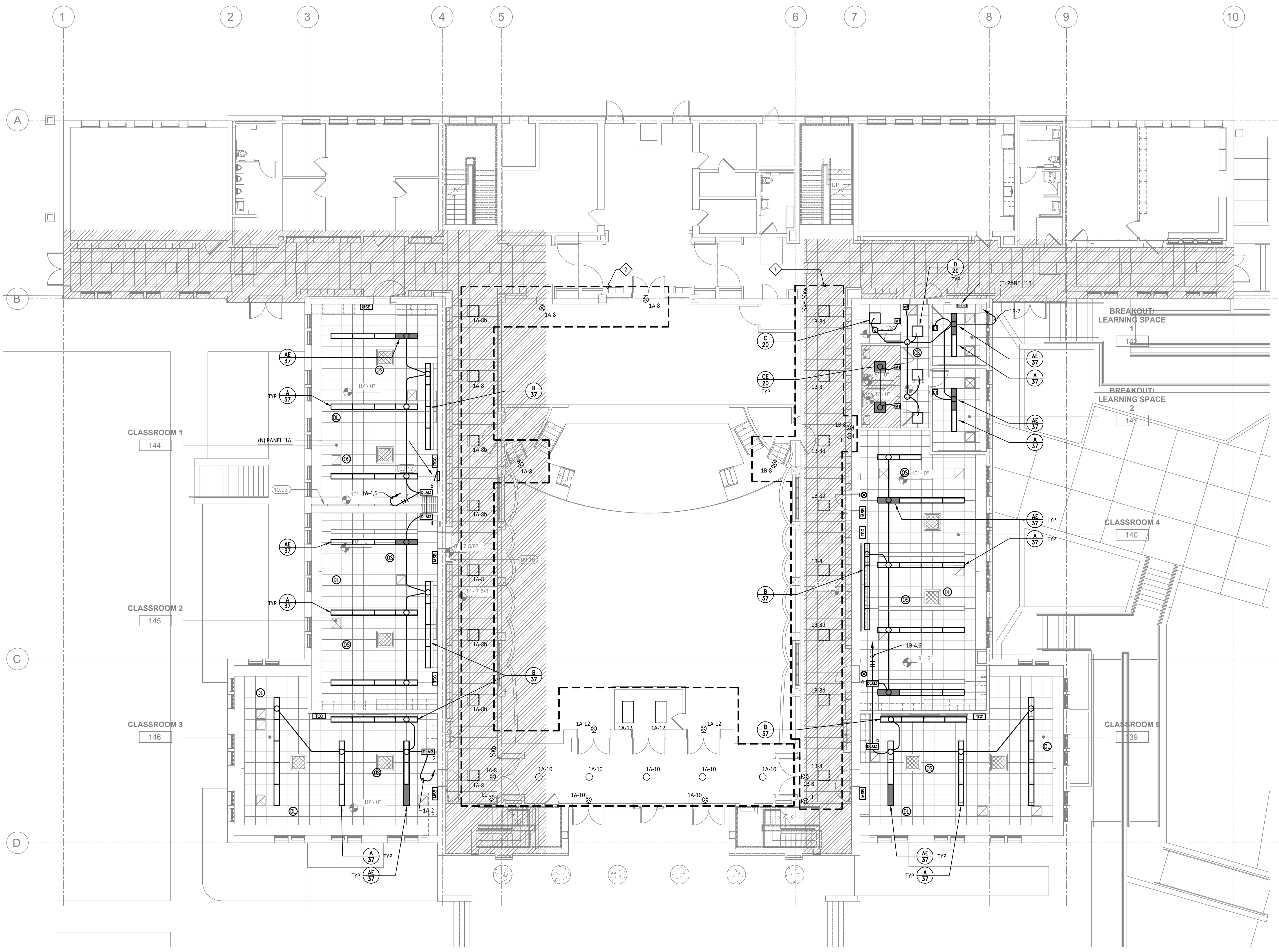
HY HIBSER YAMAUCHI Architects, Inc.
 300 - 27th Street
 Oakland, CA 94612
 510.446.2222 (w); 510.446.2211 (fx)
 HY ARCHITECTS JOB NUMBER 5323

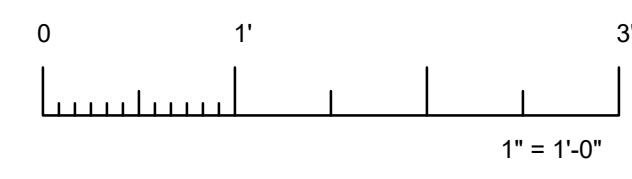
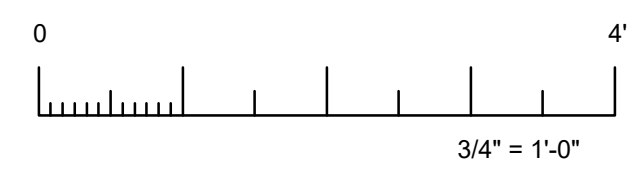
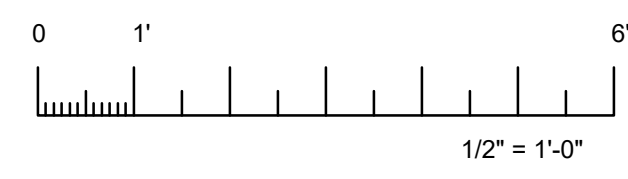
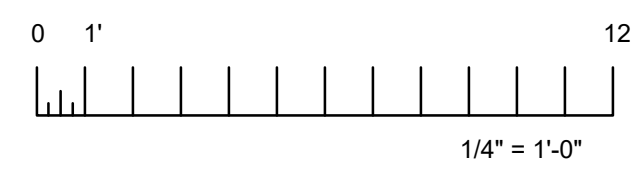
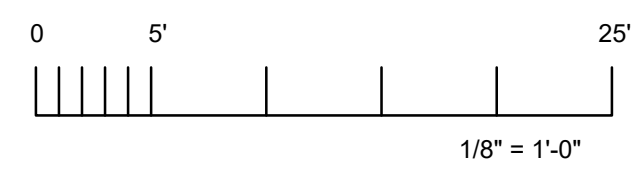
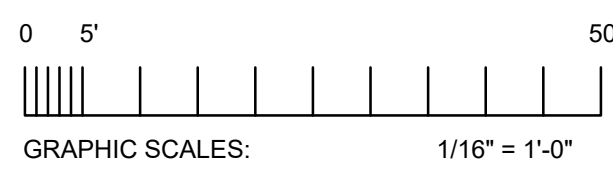
Facility
SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL LIGHTING PLAN

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E2.02
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
	Sheet 58 of 68





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SS FLS ACS
DATE: 07/26/2021

GENERAL NOTES

1. ALL POWER AND DATA IS TO REMAIN, UON.

SHEET NOTES

- 1 EXISTING POWER, DATA, CONDUIT AND CONDUCTORS IN THIS AREA TO BE DISCONNECTED AND REMOVED.
- 2 EXISTING CIRCUIT TO BE RECONNECTED TO NEW PANEL. EXTEND CONDUIT AND WIRING AS REQUIRED.
- 3 EXISTING PANEL TO BE REMOVED.
- 4 EXISTING PANEL TO REMAIN.



Revisions				
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AGENCY APPROVAL



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3397 Mt. Diablo Blvd., Suite C
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510.446.2222 tel; 510.446.2211 fax
HY ARCHITECTS JOB NUMBER 5323

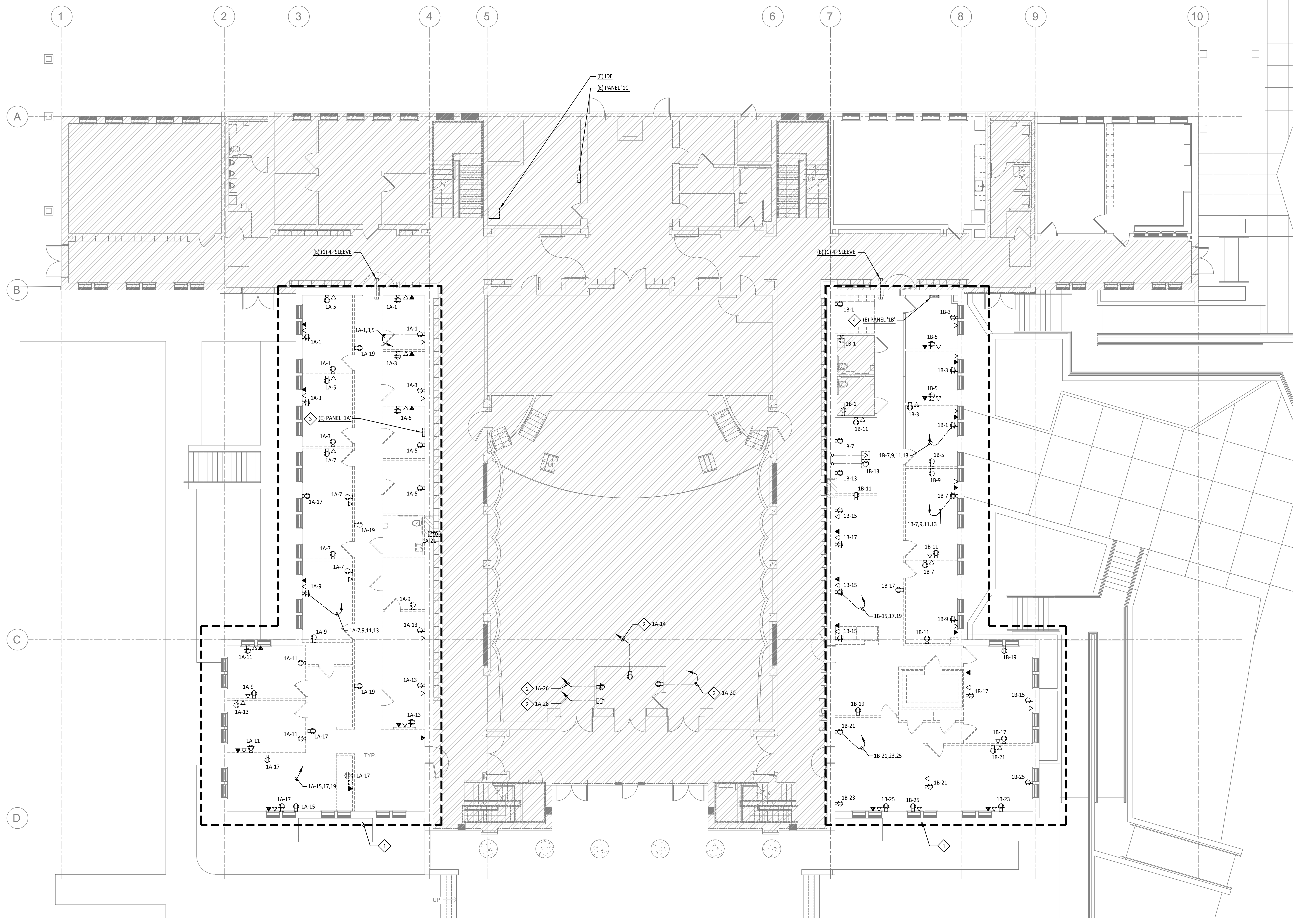
Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL DEMOLITION
POWER AND DATA PLAN

Client Project Number: Client Proj. #

Scale: AS NOTED	Sheet
Drawn By: DAM	E3.01
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
	Sheet 59 of 68





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DATE: 07/26/2021

GENERAL NOTES

- SEE 4/E0.07 FOR AV SYSTEM REQUIREMENTS IN CLASSROOMS.

SHEET NOTES

- POWER AND DATA FOR MONITOR.

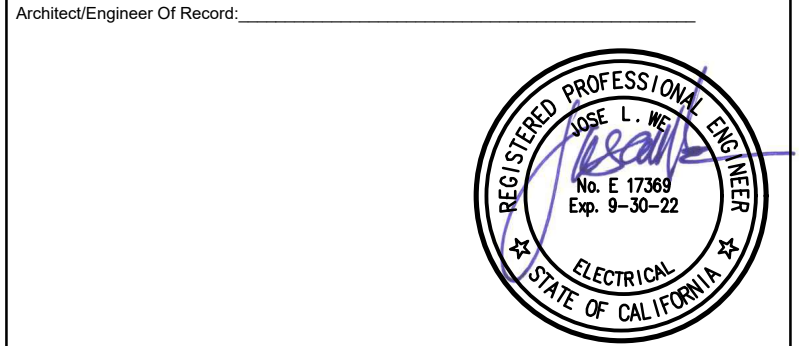


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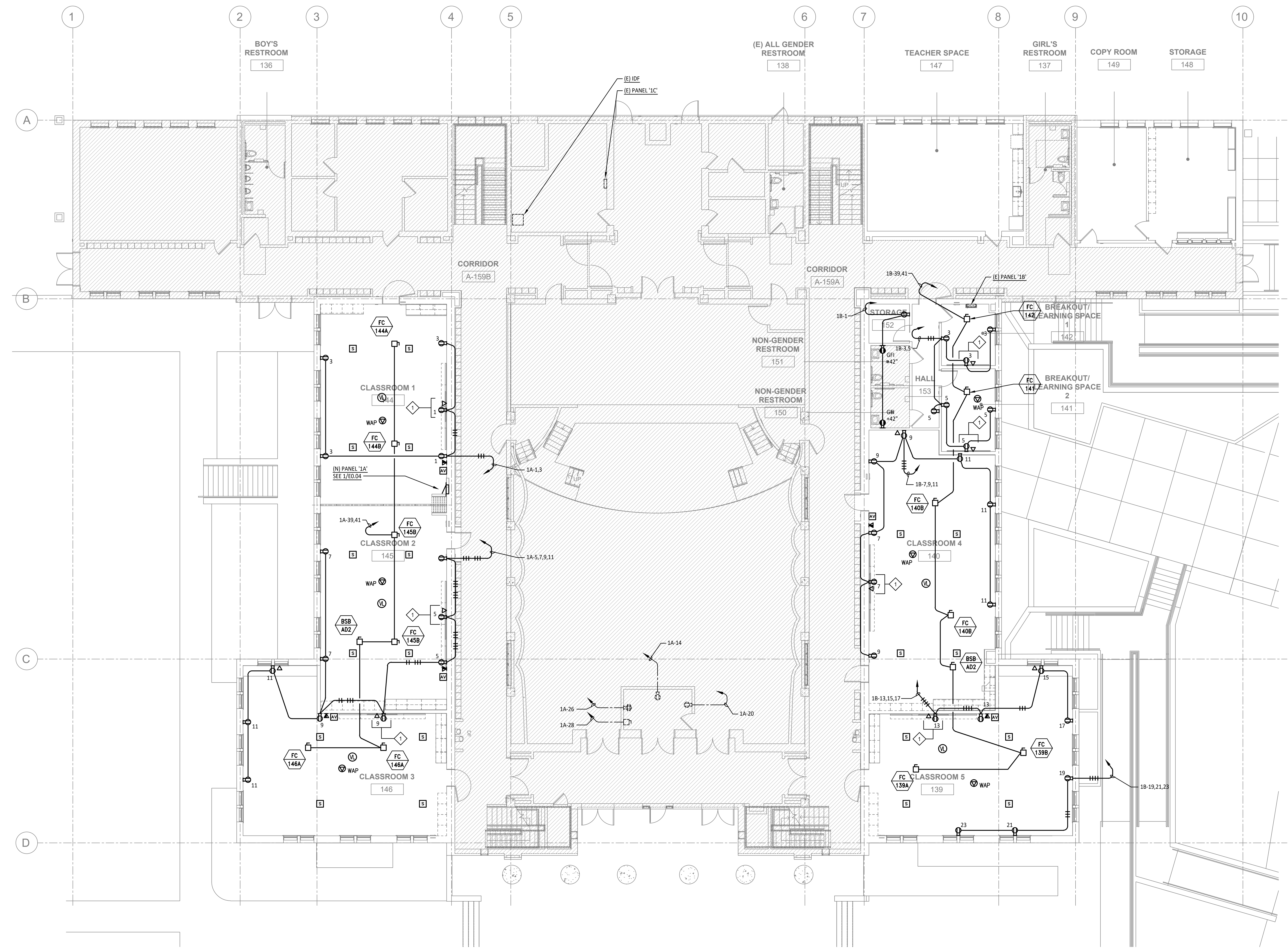
HY HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
Oakland, CA 94612
510.446.2222 tel; 510.446.2211 fax
HY ARCHITECTS JOB NUMBER 5323

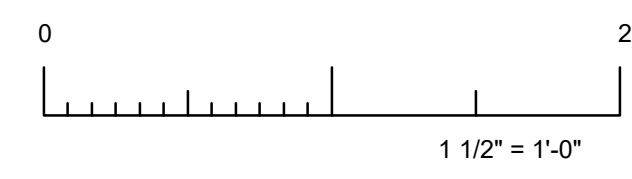
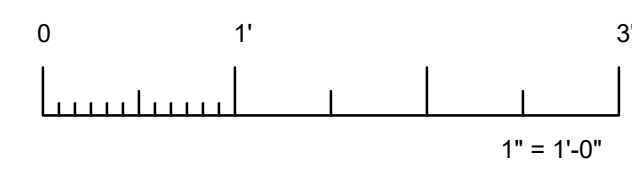
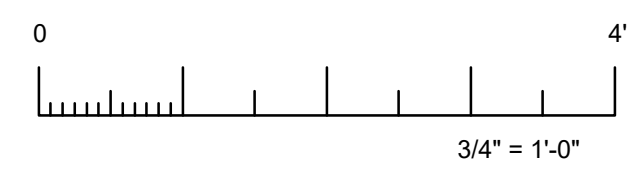
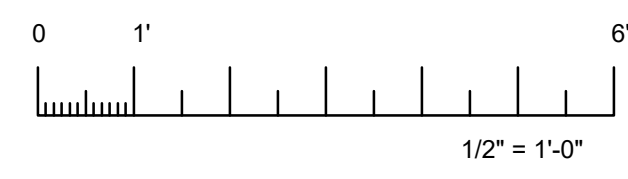
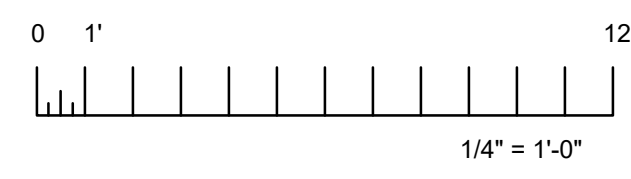
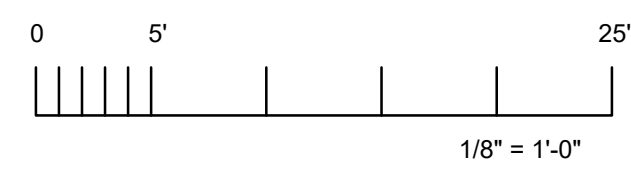
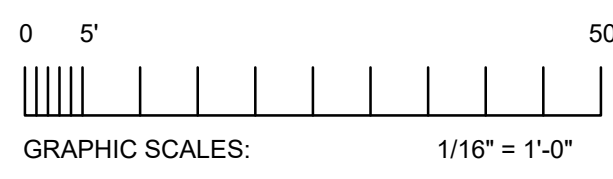
Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL POWER AND DATA PLAN

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E3.02
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
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APP: 01-119449 INC.
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SS FLS ACS
DATE: 07/26/2021

GENERAL NOTES

- ALL ROOFTOP ELECTRICAL IS TO REMAIN, U.O.N.

SHEET NOTES

- EXISTING ELECTRICAL TO BE DISCONNECTED AND REMOVED.



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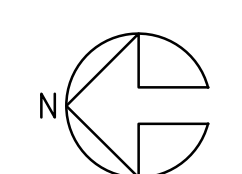
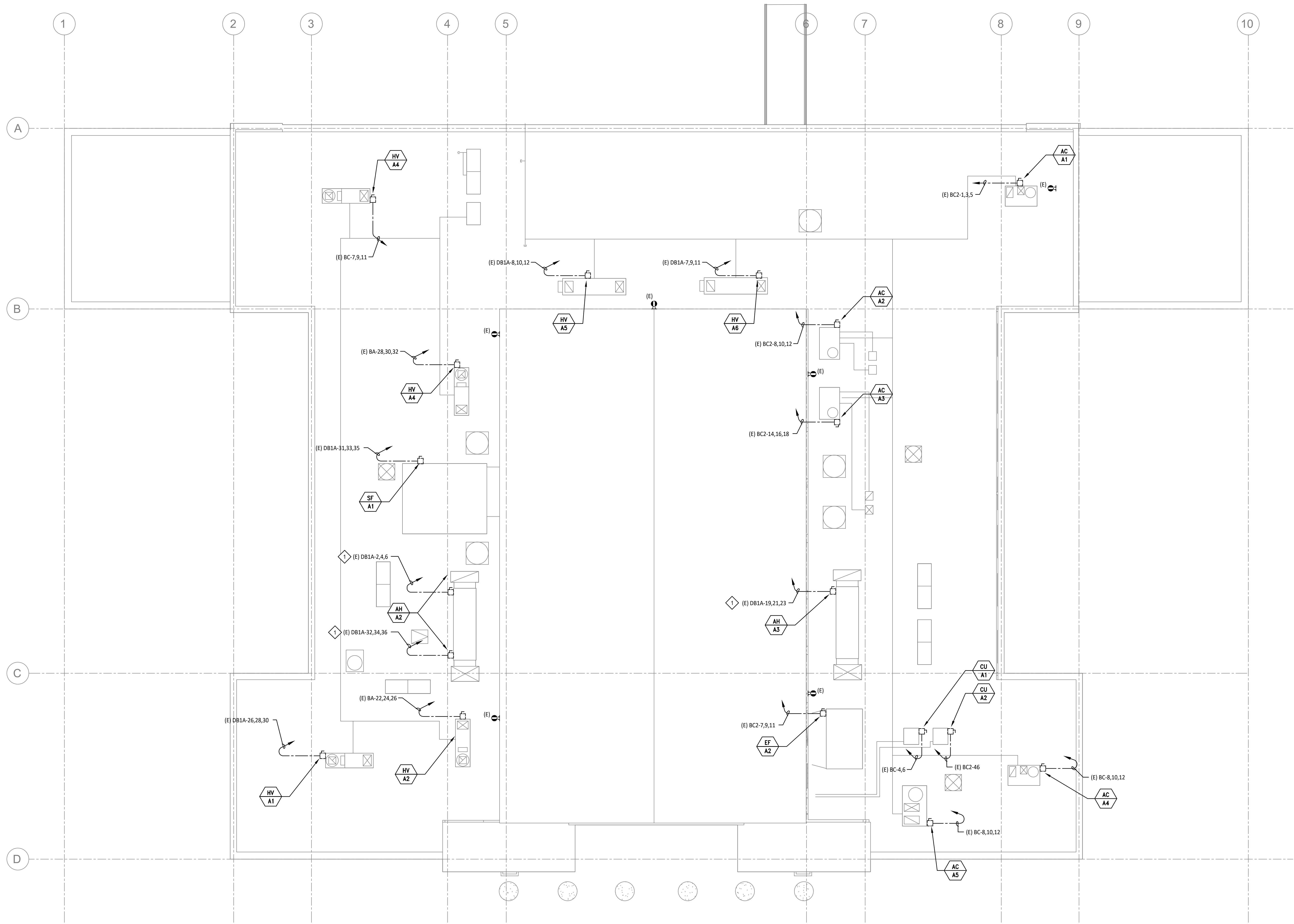
Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

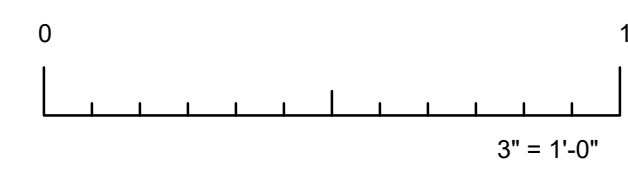
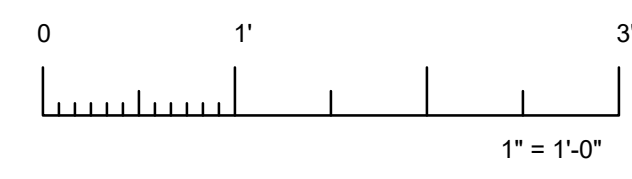
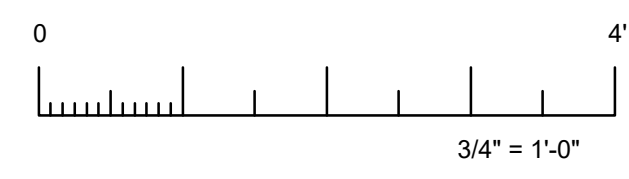
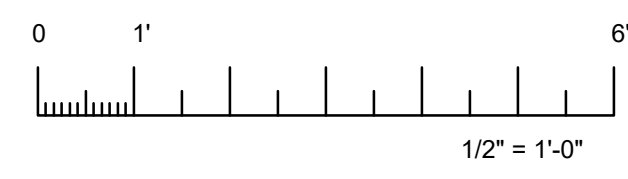
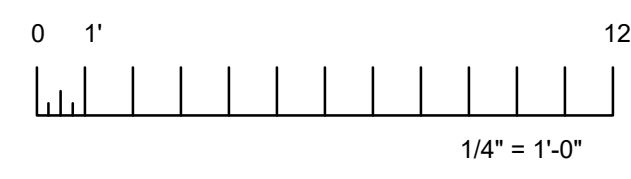
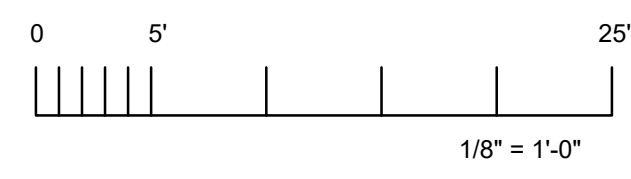
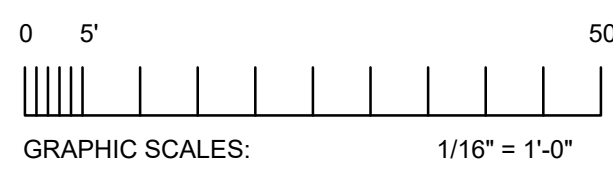
Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL ROOF
DEMOLITION POWER PLAN

Client Project Number: Client Proj. #

Scale: AS NOTED	Sheet
Drawn By: DAM	E3.03
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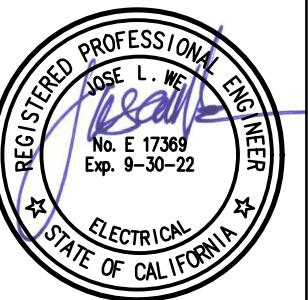
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Facility
 SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project
 AD BUILDING REMODEL

Sheet Title
 ELECTRICAL ROOF POWER PLAN

Client Project Number: Client Proj. #

Scale: AS NOTED

Drawn By: DAM

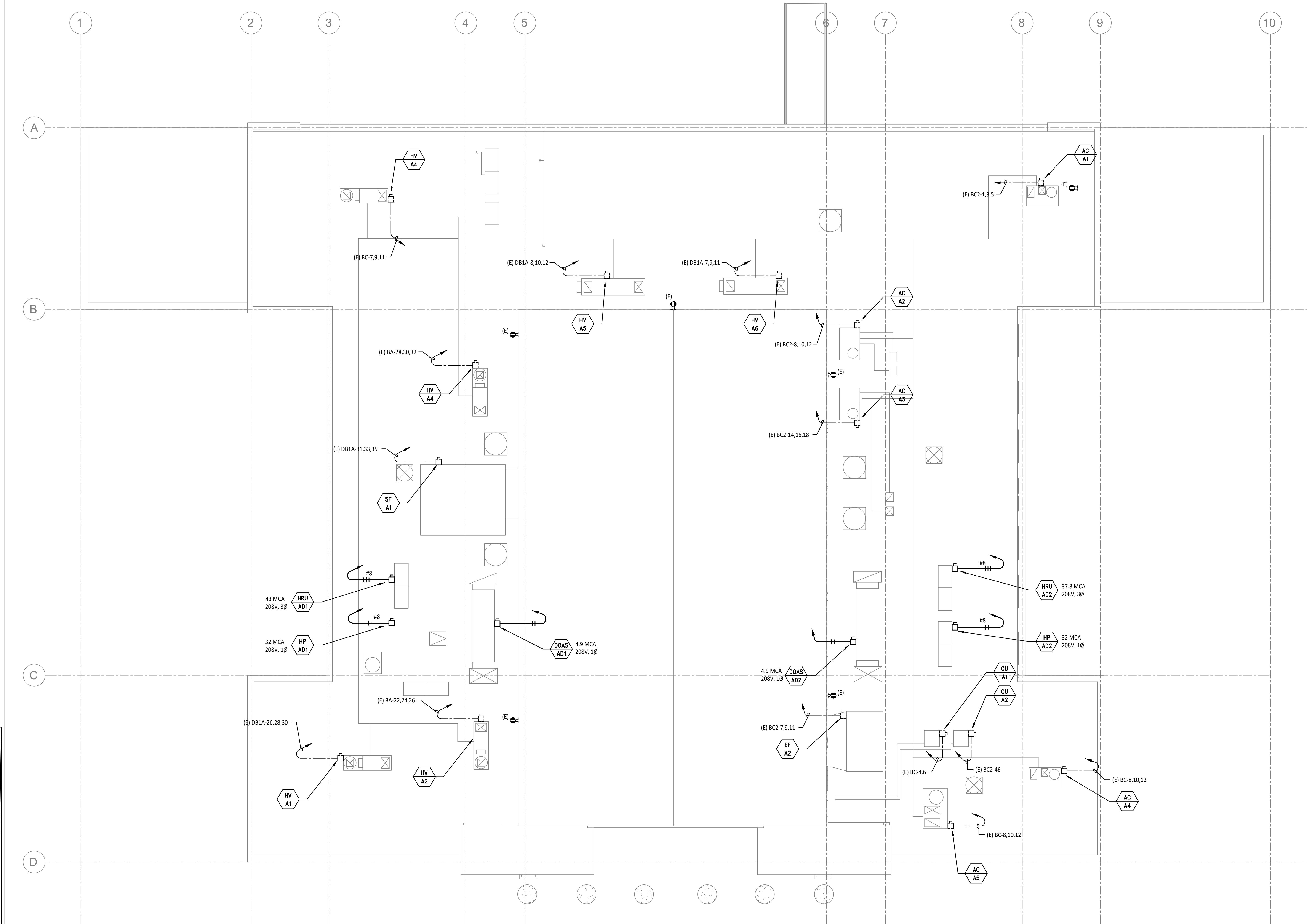
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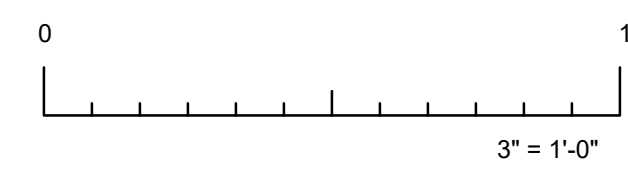
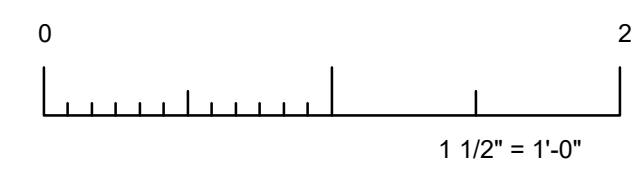
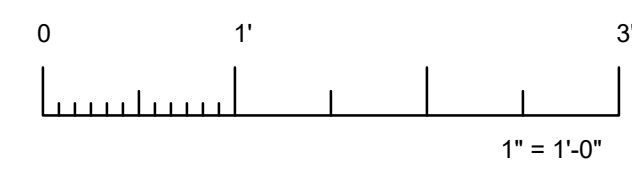
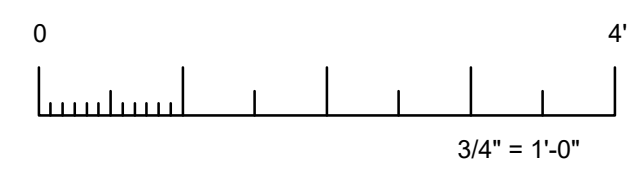
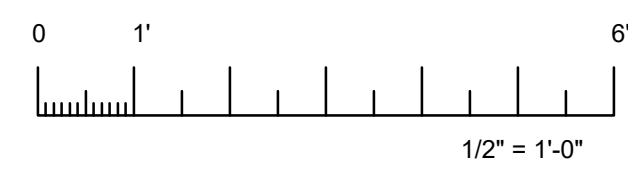
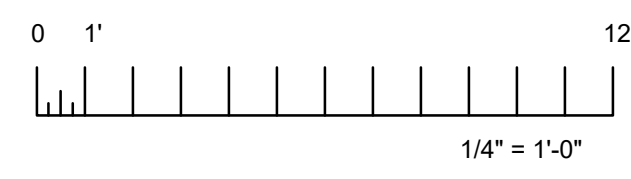
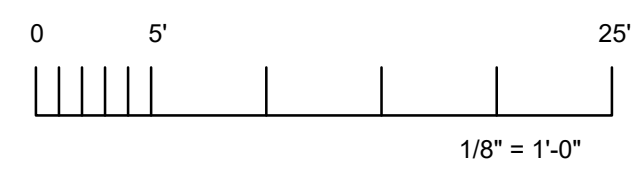
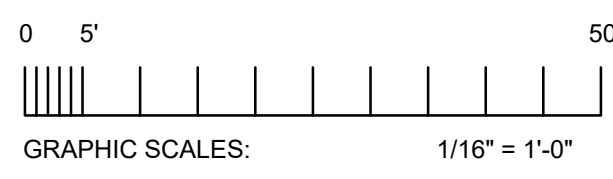
Issue Date: 7/16/21

Revit Version: 2019

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DATE: 07/26/2021

GENERAL NOTES

- ALL SIGNAL SYSTEMS ARE TO REMAIN, U.O.N.

SHEET NOTES

- EXISTING SIGNAL SYSTEMS IN THIS AREA TO BE DISCONNECTED AND REMOVED.

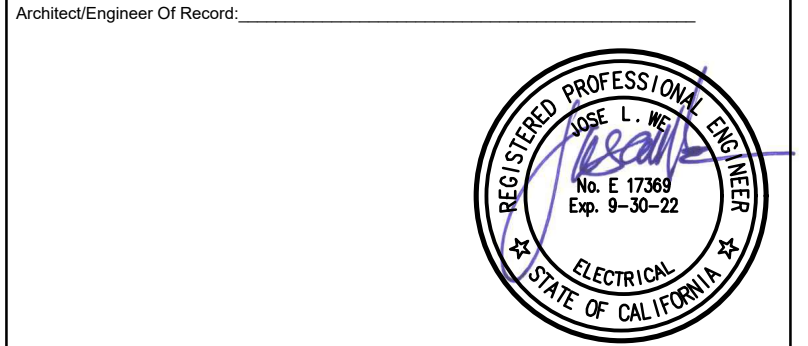


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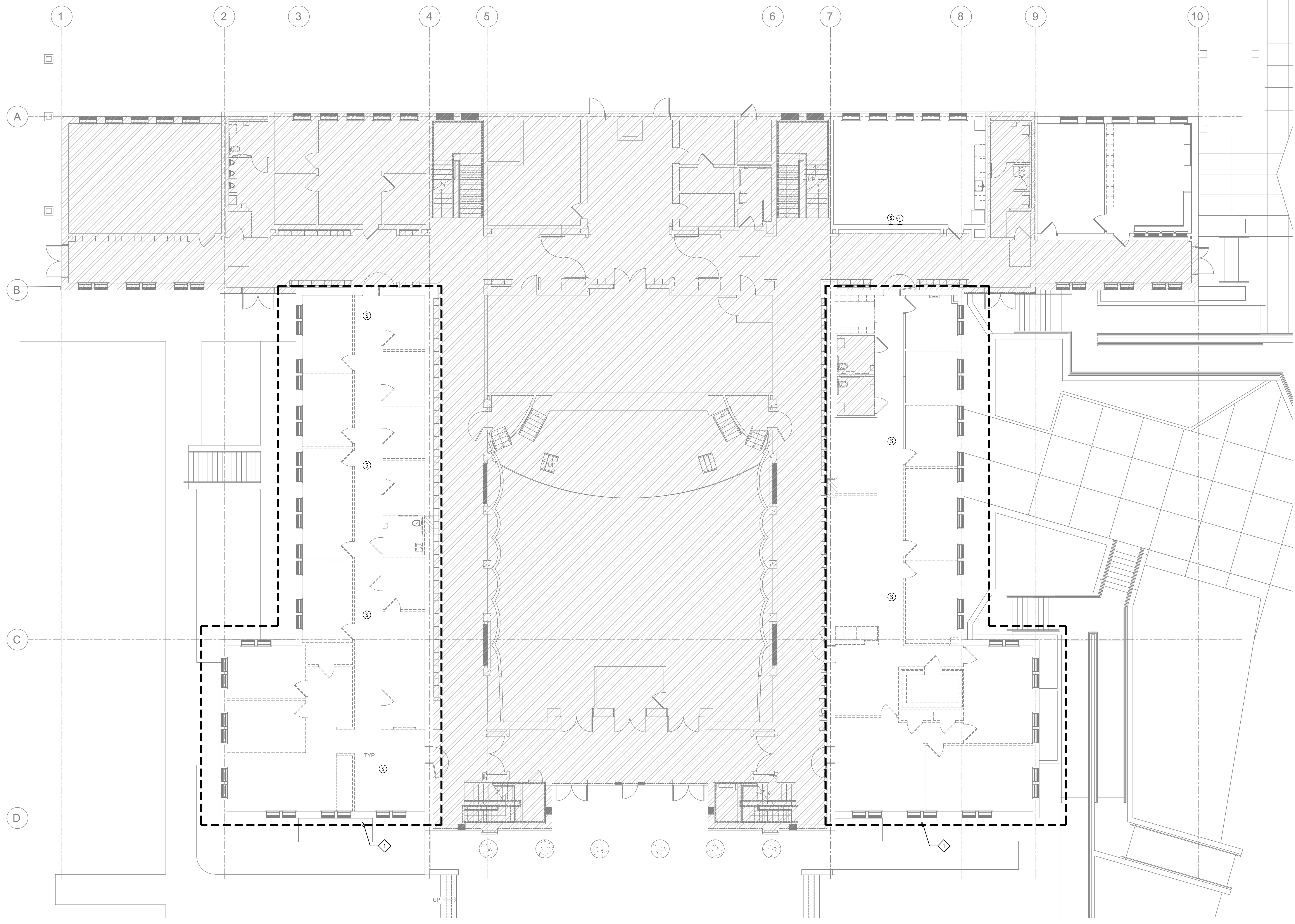
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300 - 27th Street
Oakland, CA 94612
510.446.2222 tel; 510.446.2211 fax
HY ARCHITECTS JOB NUMBER 5323

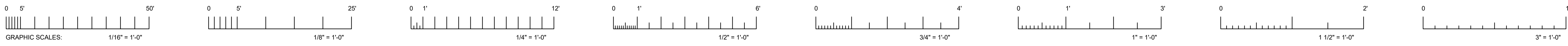
Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL DEMOLITION SIGNAL PLAN

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E4.01
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
	Sheet 63 of 68





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GENERAL NOTES

- SEE RISER DIAGRAMS FOR WIRING REQUIREMENTS.

SHEET NOTES

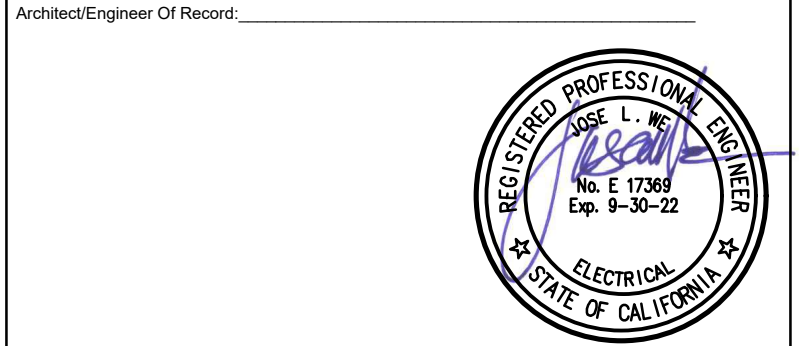


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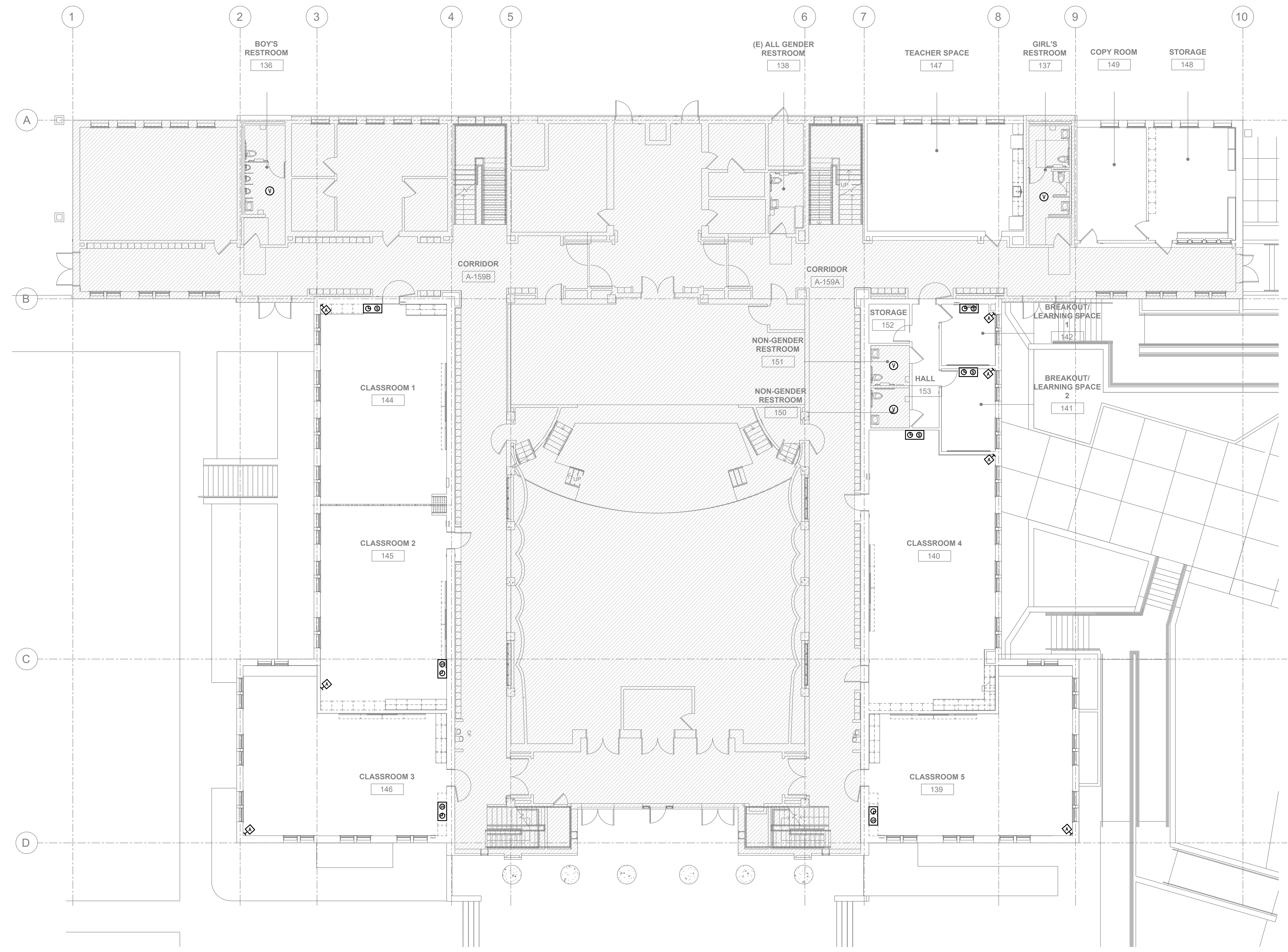
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 Oakland, CA 94612
 510.446.2222 tel; 510.446.2211 fax
 HY ARCHITECTS JOB NUMBER 5323

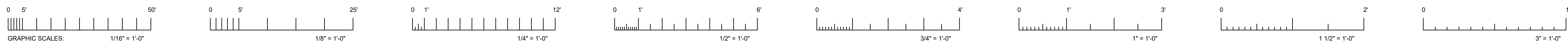
Facility
SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL SIGNAL PLAN

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E4.02
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
	Sheet 64 of 68





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REVIEWED FOR
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DATE: 07/26/2021

GENERAL NOTES

- ALL EXISTING FIRE ALARM DEVICES, CONDUIT AND WIRING TO REMAIN, U.O.N.

SHEET NOTES

- EXISTING FIRE ALARM DEVICES AND WIRING IN THIS AREA TO BE DISCONNECTED AND REMOVED.
- EXISTING DEVICE TO BE RECONNECTED WITH NEW CONDUIT AND WIRING.

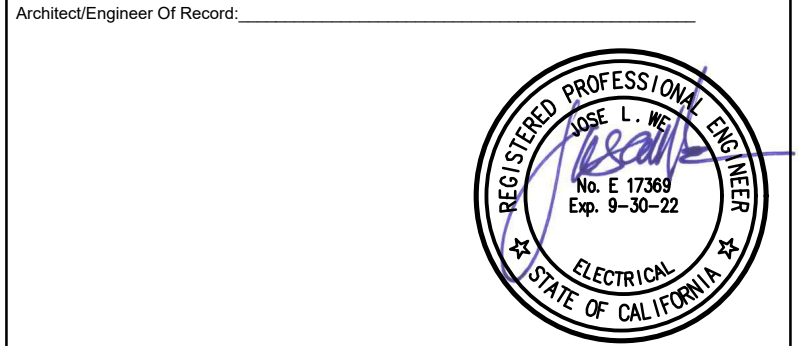


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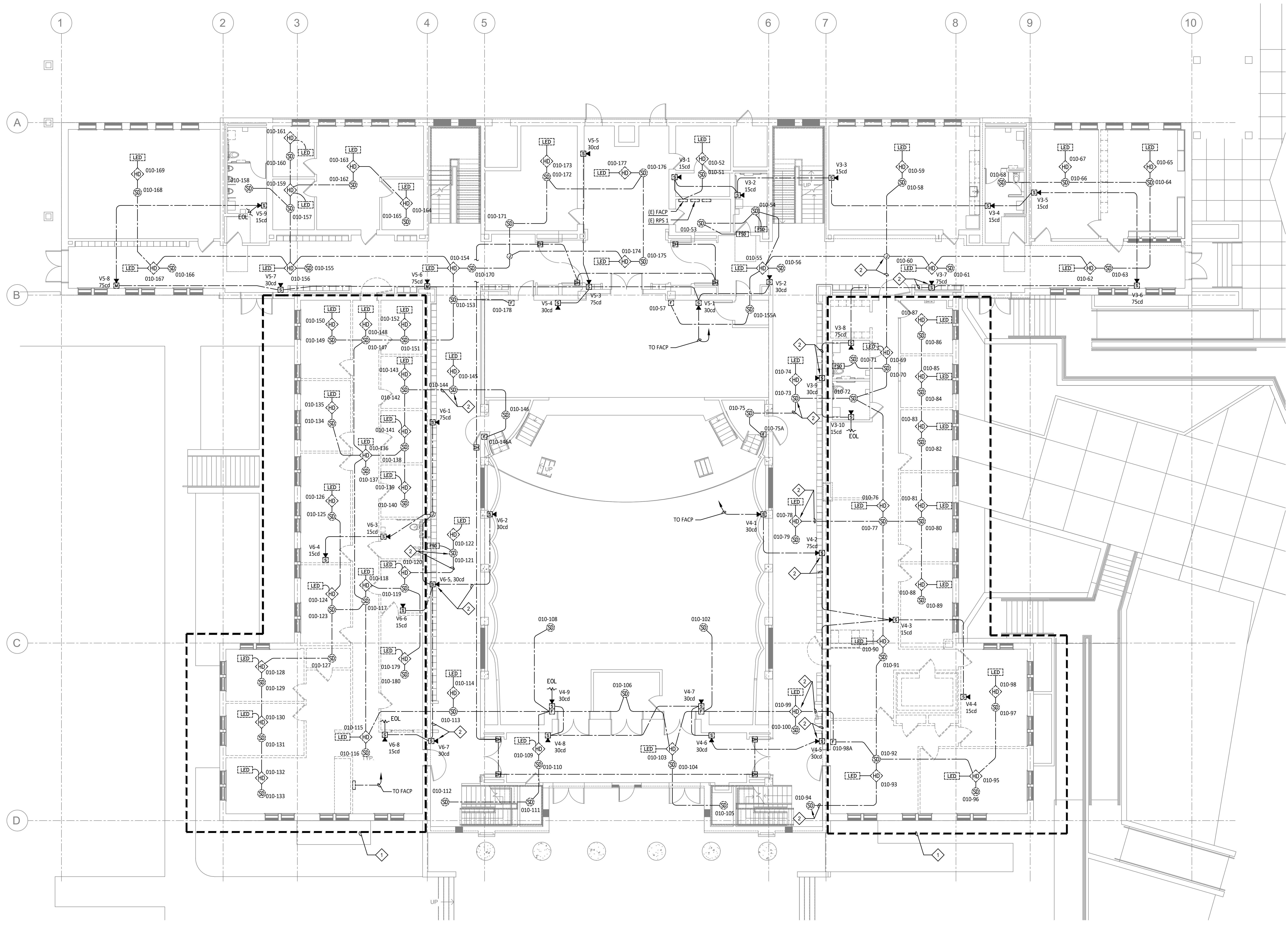
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Oakland, CA 94612
510.446.2222 tel; 510.446.2211 fax
HY ARCHITECTS JOB NUMBER 5323

Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL DEMOLITION FIRE ALARM PLAN

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E5.01
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	Sheet 65 of 68





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 DATE: 07/26/2021

GENERAL NOTES

- CLASSROOMS ARE NOT SERVED BY FUEL BURNING FURNACES, SO CO2 DETECTORS ARE NOT PROVIDED.

SHEET NOTES

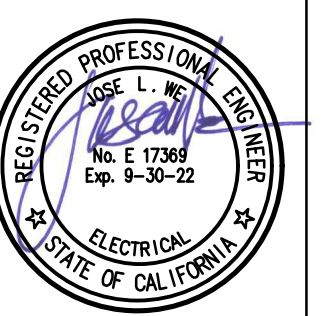
- ◇ DETECTOR MOUNTED IN HIGH CEILING POCKET.



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Facility
SAN RAFAEL HIGH SCHOOL
 150 3RD STREET, SAN RAFAEL, CA 94901

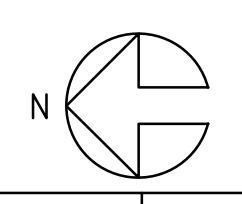
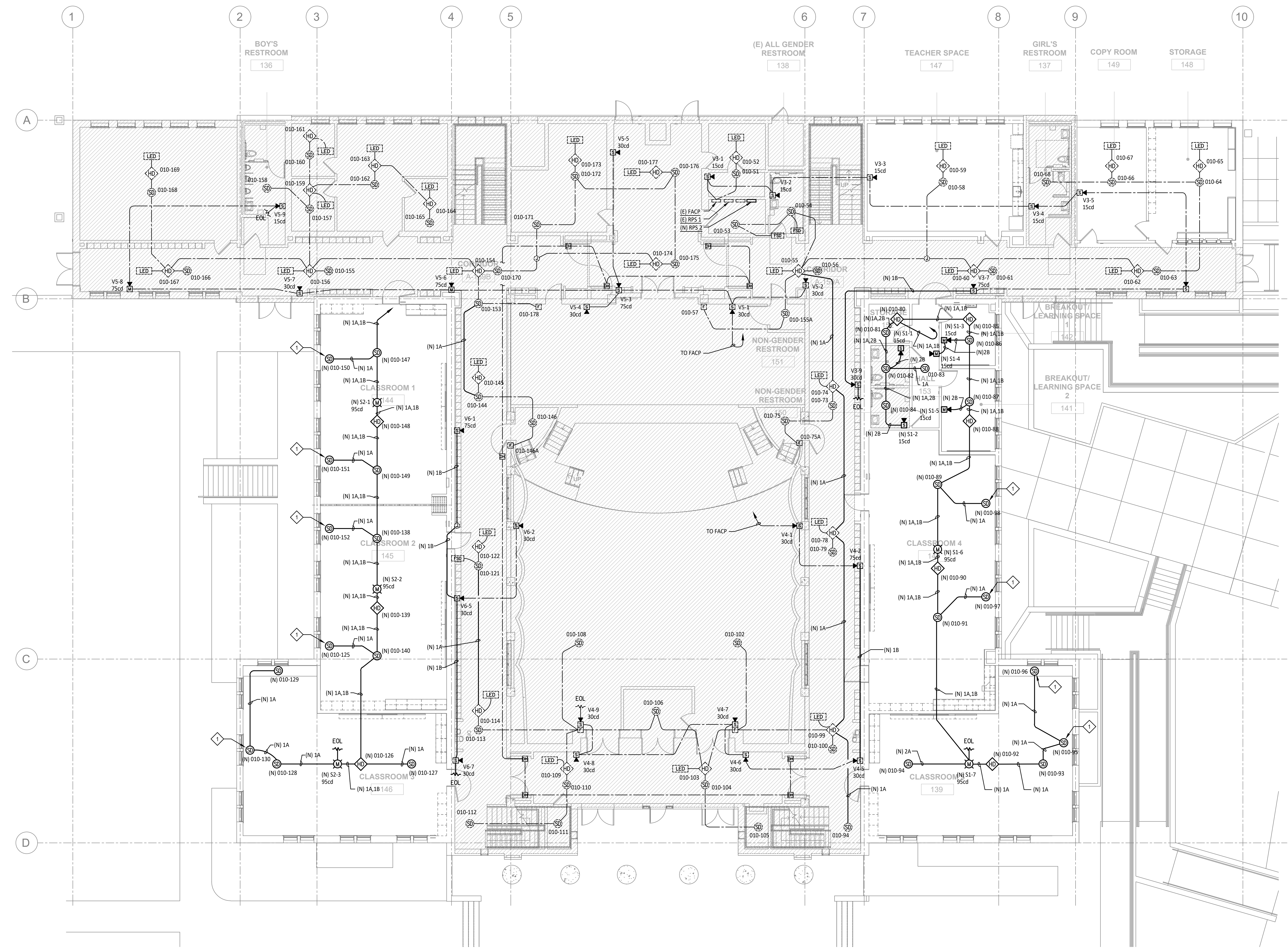
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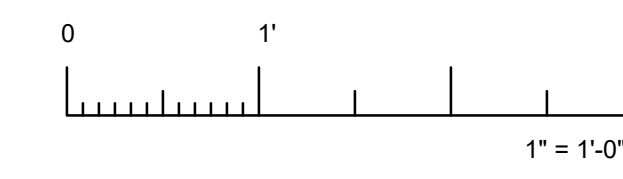
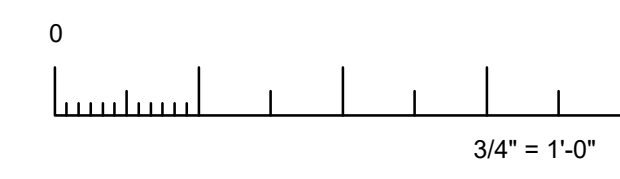
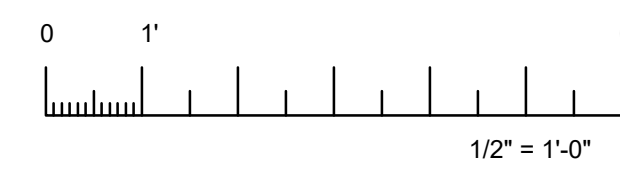
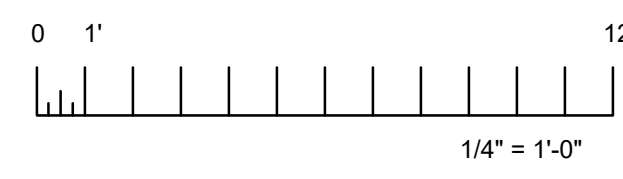
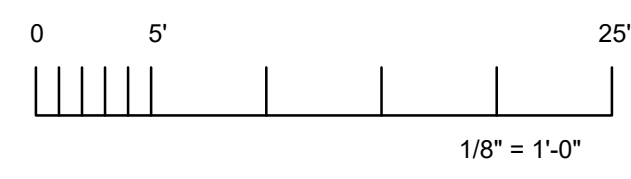
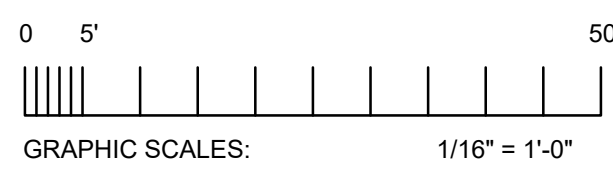
Sheet Title
ELECTRICAL FIRE ALARM PLAN

Client Project Number: Client Proj. #

Scale: AS NOTED
 Drawn By: DAM
 Checked By: TLK
 Issue Date: 7/16/21
 Revit Version: 2019

E5.02
 Sheet 66 of 68



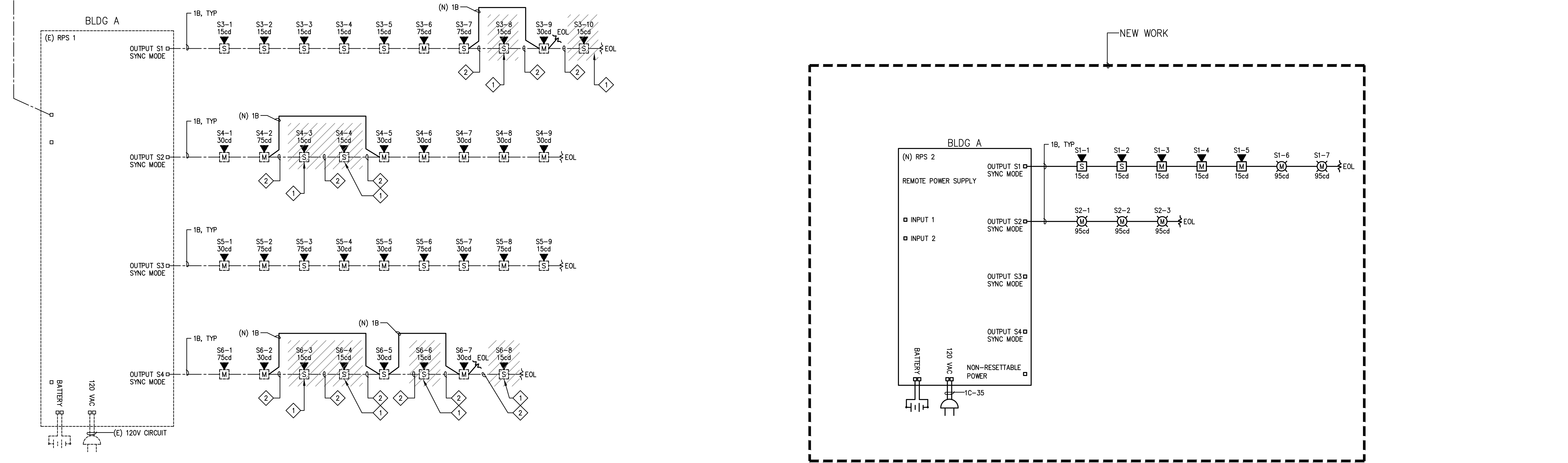
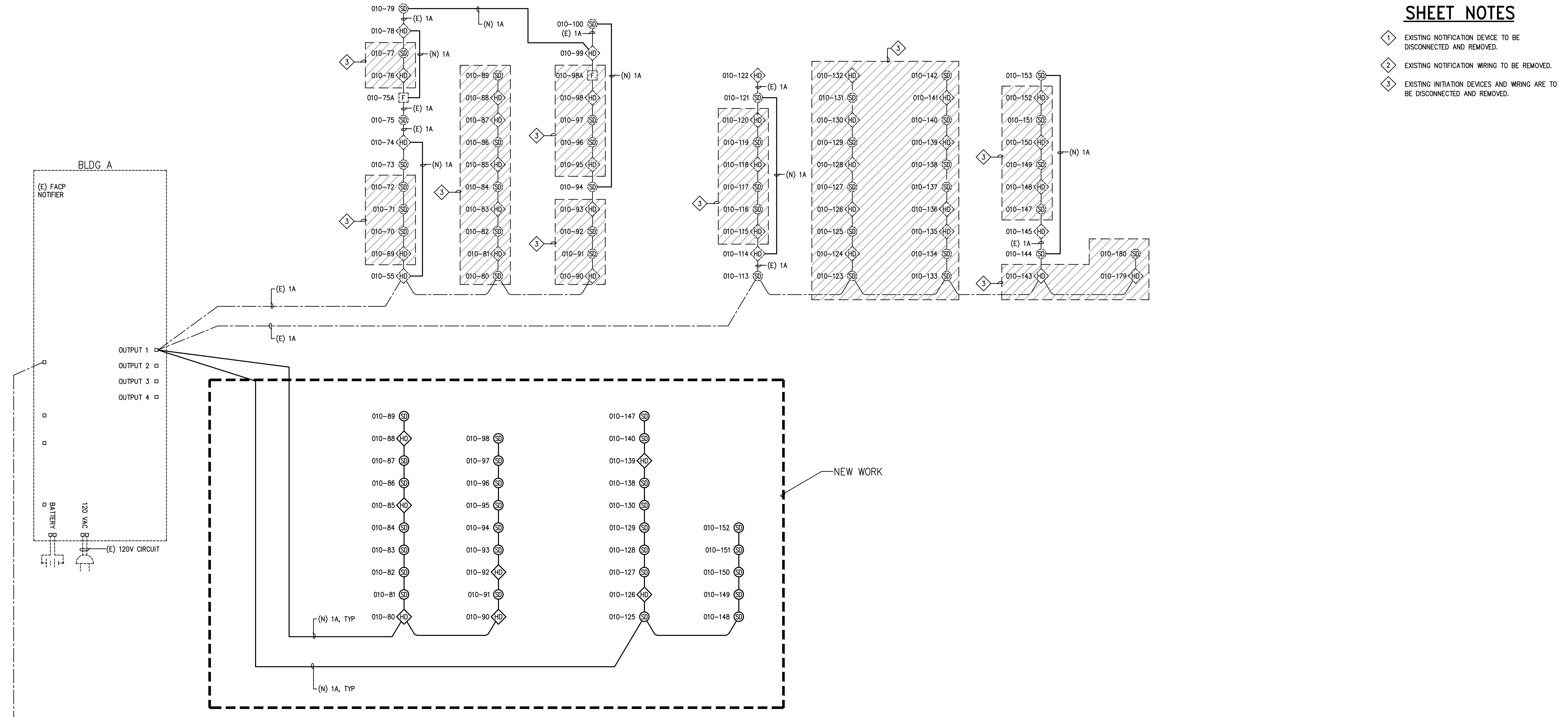


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APP: 01-119449 INC.
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 07/26/2021

SHEET NOTES

- 1 EXISTING NOTIFICATION DEVICE TO BE DISCONNECTED AND REMOVED.
- 2 EXISTING NOTIFICATION WIRING TO BE REMOVED.
- 3 EXISTING INITIATION DEVICES AND WIRING ARE TO BE DISCONNECTED AND REMOVED.



1 FIRE ALARM RISER DIAGRAM
NOT TO SCALE

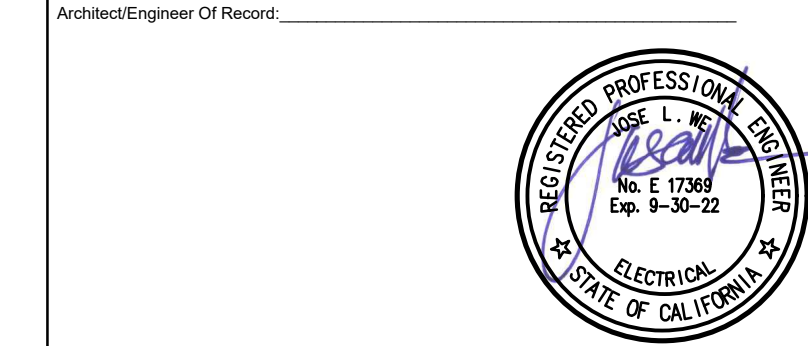


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Tel: 925.385.0649
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Oakland, CA 94612
510.446.2222 tel; 510.446.2211 fax

HY ARCHITECTS JOB NUMBER 5323

Facility
SAN RAFAEL HIGH SCHOOL
150 3RD STREET, SAN RAFAEL, CA 94901

Project
AD BUILDING REMODEL

Sheet Title
ELECTRICAL FIRE ALARM RISER DIAGRAMS

Client Project Number:	Client Proj. #
Scale: AS NOTED	Sheet
Drawn By: DAM	E6.02
Checked By: TLK	
Issue Date: 7/16/21	
Revit Version: 2019	
Sheet	68 of 68