

ARCHITECT

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CALCUTT MIDDLE SCHOOL

MECH. / ELEC. / PLUMB. ENGINEERS

DOOR HARDWARE CONSULTANT





DEMOLITION

DA1.00 DEMOLITION GENERAL NOTES AND LEGEND DA2.11 B3 FIRST FLOOR DEMOLITION PLAN

ARCHITECTURAL

- MASTER KEYNOTE LIST A0.0A A0.0B ABBREVIATIONS, SYMBOLS & MATERIALS INDICATIONS
- A0.0C PARTITION TYPES A1.11 B3 OVERALL FIRST FLOOR PLAN
- A1.12 B3 OVERALL SECOND FLOOR PLAN
- A2.11 B3 FIRST FLOOR RCP A6.10 B3 DOOR SCHEDULE
- A10.10 B3 GYMNASIUM ENLARGED PLAN
- A10.11 B3 GYMNASIUM INTERIOR ELEVATIONS A10.12 B3 GYMNASIUM INTERIOR ELEVATIONS

FIRE PROTECTION FP0.01 B3 FIRE PROTECTION LEGEND & GENERAL NOTES FP3.02 B3 FIRE PROTECTION ENLARGED GYMNASIUM PLAN

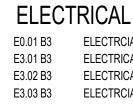
PLUMBING

P0.01 B3 PLUMBING LEGEND, GENERAL NOTES & SCHEDULES P3.02 B3 PLUMBING ENLARGED GYMNASIUM PLAN

MECHANICAL

/I0.01 B3	MECHANICAL LEGEND & SCHEDULES
/I3.02 B3	MECHANICAL ENLARGED GYMNASIUM PLAN
/I3.03 B3	MECHANICAL ROOF PLANS DEMOLITION & RENOVATION
/6.01 B3	MECHANICAL DETAILS
/ID3.02 B3	MECHANICAL ENLARGED GYMNASIUM PLAN - DEMOLITION

100% CONSTRUCTION DOCUMENTS BID PACKAGE #3



E0.01 B3 ELECTRCIAL LEGEND E3.01 B3 ELECTRICAL ENLARGED GYMNASIUM LIGHTING PLAN E3.02 B3 ELECTRICAL ENLARGED GYMNASIUM ROOF POWER PLAN E3.03 B3 ELECTRCIAL PART PLANS





DEMOLITION LEGEND

 EXISTING CONSTRUCTION TO REMAIN
EXISTING CONSTRUCTION TO BE REMOVED REFER TO SCHEDULED DEMOLITION NOTES FOR SPECIFIC INSTRUCTIONS
DENOTES APPROXIMATE EXTENTS OF DEMOLITION WORK

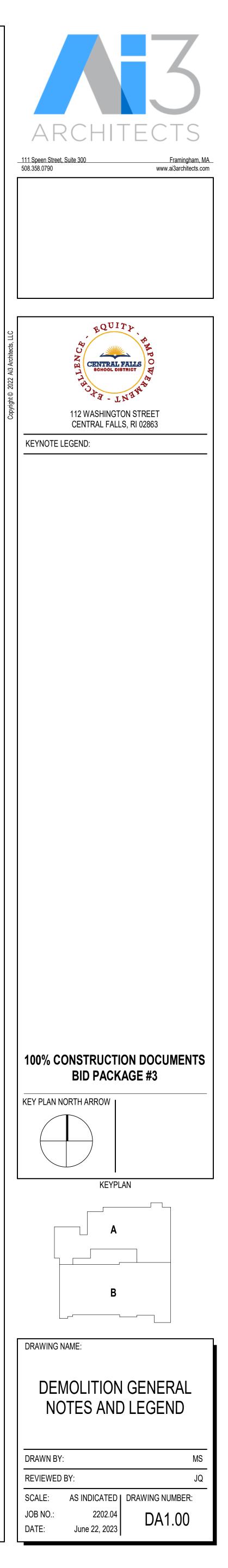
) Prior to the removal of structural walls, beams, lintels and other items, identify same and properly shore and brace as required keeping the structural integrity of the building. See specifications. Areas and methods of making new penetrations and modifications at existing structure shall be approved by the structural engineer prior to performing the work. 2) Provide all trenching at existing slabs for electrical, plumbing, mechanical and other utilities as required for demolition of existing utilities and installation of new work. 3) Unless otherwise noted, at walls scheduled to be removed by Construction Manager, Construction Manager shall remove all electrical devices. For disconnecting and capping of lines and demolition of other electrical devices, please see electrical drawings. 4) See plumbing drawings for removal of plumbing fixtures. Remove piping and other associated work to buried or concealed condition. Patch existing walls to remain to match existing and as required for application of new finish materials. See finish schedule. 5) All existing structural columns to remain unless otherwise noted. 6) Construction Manager shall coordinate the extent of demolition with proposed work. 7) Selective demolition: all items designated for demolition are subject to selective demolition. Coordinate demolition and proposed drawings for the extent of demolition where existing items to remain are subject to new construction and or refinishing. 8) Refer to civil, fire protections, mechanical, plumbing, and structural drawings for additional demolition requirements. 9) Coordinate with the owner any items to be removed and returned to the owner. 10) Maintain existing required exit ways and establish temporary exit way SIGNAGE where necessary to direct occupants. Provide temporary fire rated enclosures when work requires opening fire rated partitions is in progress. 11) Verify existing conditions and report discrepancies to architect prior to commencing contract work. Accomplish all work necessary to permit the completion of contract work whether or not such work is directly referenced in contract documents. 12) Core holes as required through existing roof and floor decks for new pipes. See plumbing drawings and roof plan for pipe sizes and location. Coordinate with specifications 01 73 29 - Cutting and Patching. 13) Construction Manager shall provide temporary whether protection to exposed cavities, interior spaces and all other areas normally sheltered from weather during construction. 14) Refer to the door schedule for additional (if any) demotion work on doors and/or door frames that are not indicated on plans. 15) Where existing construction is indicated to be replaced it is the intent to remove the existing construction in its entirety as indicated as indicated on the drawings. Refer to construction documents for more information. 16) Patch/infill surface for smooth surface in preparation for new surface finish after removal of existing built-in equipment, curbs and floor recesses or projections. 17) Restore existing construction and finishes beyond contract limits where disturbed by contract work. 18) Remove and properly dispose of all items left behind, not identified to be returned over to the owner (i.e. furniture, books, computers, TVs) 19) Remove and dispose of existing door hardware not meeting accessibility requirements. Prepare door and adjacent surfaces for installation of accessible hardware. 20) Salvage and store all existing painted door with Lite glass (offices) in walls being demolished for reuse/ installation. Existing hardwood doors with full lite glass are to remain. See architectural drawing for additional information. 21) Salvage and store all existing six panel wood doors (storage closets) in wall being demolished for reuse/ installation. See architectural drawing for additional information. 22) Salvage and store all existing hardwood trim (casing, base, crown, etc.) for reuse in matching and patching. See architectural drawing for additional information.

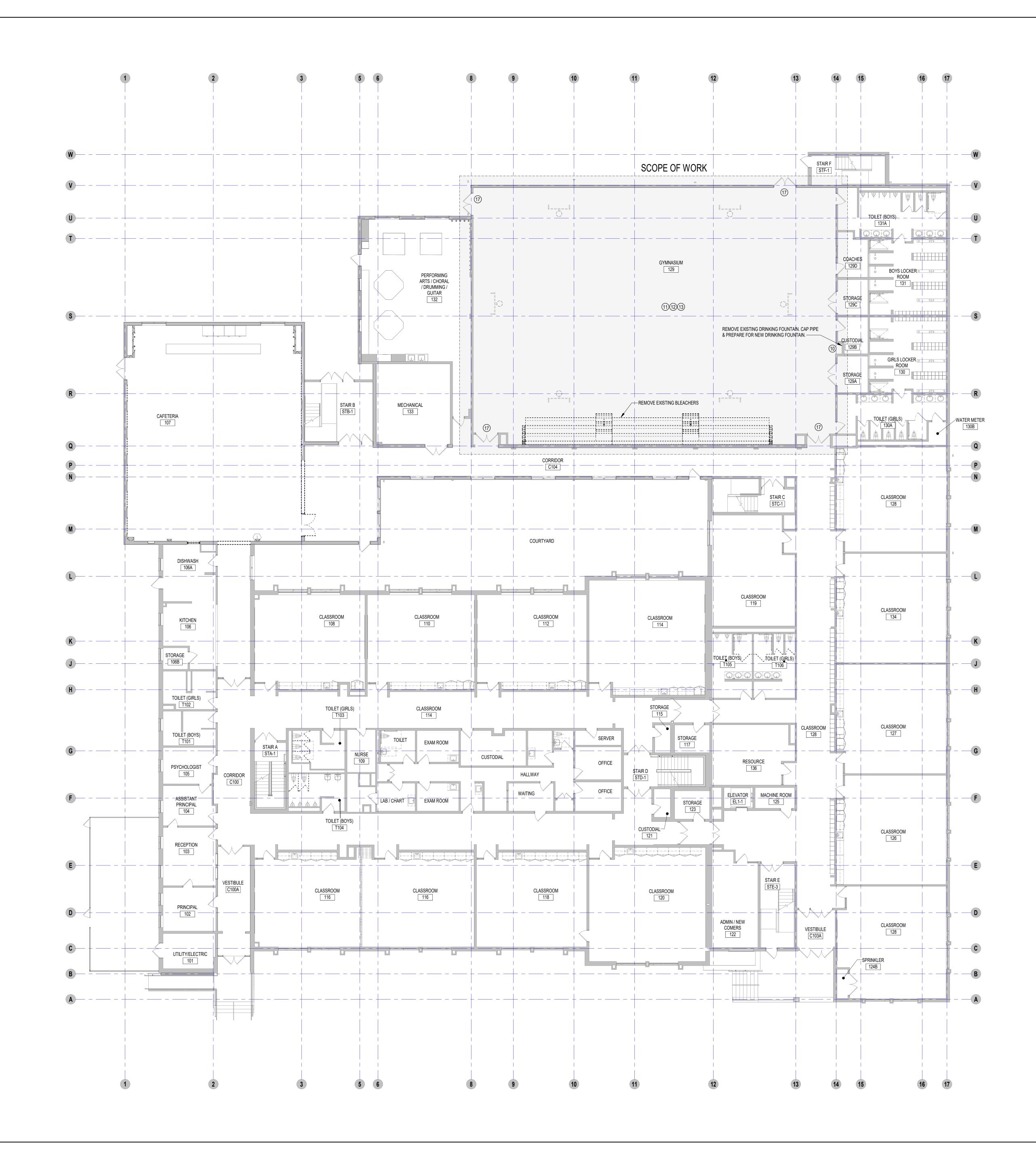
23) Remove exposed water and air drops back to a point which would not interfere with the new work. Construction Manager to coordinate extents with scope of the new work and with Owner to confirm line shall not remain in place.

GENERAL DEMOLITION NOTES

SCHEDULED DEMOLITION NOTES

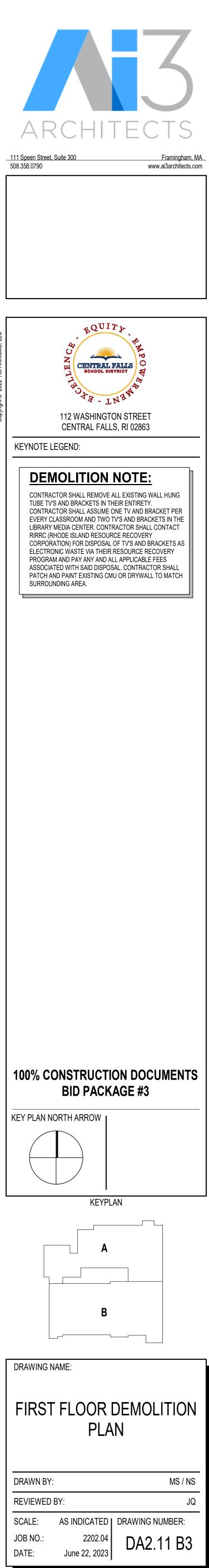
- (1) REMOVE EXISTING FLOORING.
- (2) REMOVE EXISTING CEILINGS.
- (3) REMOVE ALL EXISTING PARTITIONS, FLOORS, PLUMBING FIXTURES, AND CASEWORK AS INDICATED.
- (4) REMOVE ALL CEILING GRIDS AND TILES IN LOCATIONS NOTED PLANS AND COORDINATED WITH THE ROOM FINISH SCHEDULE.
- 5) REMOVE WINDOW UNIT AND ALL ASSOCIATED WOOD BLOCKING, WINDOW TREATMENTS, INTERIOR WOOD TRIM AND APRON AS REQUIRED FOR INSTALLATION OF NEW WORK.
- 6) REMOVE EXISTING DOOR HARDWARE INCLUDING TRANSOM PANEL WHERE OCCURS, PREPARE EXISTING DOOR FRAME AS REQUIRED TO RECEIVE SCHEDULED FINISH, DOOR AND HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING DOOR(S), FRAME(S), INCLUDING TRANSOM PANEL(S) AND SIDELITE(S), BLOCKING, TRIM AND THRESHOLDS.
- (8) REMOVE CEILING MOUNTED DEVICES AND LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING CASEWORK, BUILT-IN SHELVING, LOOSE SHELVING, WARDROBES, BASE AND UPPER CABINETS AND COUNTERTOPS.
- (10) REMOVE EXISTING PLUMBING FIXTURE(S) AND LINES BACK TO A POINT WHICH WOULD NOT INTERFERE WITH NEW
- WORK. REMOVE EXISTING GYM EQUIPMENT INCLUDING BUT NOT LIFTED TO PULL UP BAGS, CURTAIN + TRACK, WALL PADS +
- FASTENERS, BLEACHERS, ROPES. PATCH & PREPARE SURFACE FOR NEW FINISH.
- 2) REMOVE EXISTING WALL MOUNTED PARTITIONS AND ACCESSORIES. PROVIDE BLOCKING AND FURRING AT RECESSES TO ALIGN WITH EXISTING WALL FINISH TO RECEIVE NEW.
- (13) REMOVE ALL WALL MOUNTED ITEMS AND PREPARE SURFACE FOR NEW FINISH.
- (14) REMOVE EXISTING TECTUM WALL PANELS. PATCH & PREPARE SURFACE FOR NEW FINISH. (15) REMOVE DOOR FRAME + HARDWARE IN ITS ENTIRETY.
- (16) REMOVE DOOR + HARDWARE & PREPARE FRAME FOR NEW DOOR + HARDWARE.
- (17) REMOVE HARDWARE & PREPARE DOOR + FRAME FOR NEW HARDWARE.
- (18) PREPARE EXISTING FLOOR FOR INSTALLATION OF NEW POURED EPOXY FLOOR. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- 19) REMOVE & DISPOSE OF ALL WALL MOUNTED ITEMS NOT SCHEDULED TO REMAIN & PREPARE FOR NEW FINISH MATERIAL. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- (20) REMOVE & DISPOSE OF EXISTING ACOUSTICAL CEILING TILES. ALL ITEMS ASSOCIATED WITH EXISTING SUSPENSION SYSTEM ARE TO REMAIN. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS FOR MORE INFORMATION.
- REMOVE & DISPOSE OF ALL FINISHED CEILING MATERIALS NOT SCHEDULED TO REMAIN, INCLUDING GWB, AND ALL ITEMS ASSOCIATED WITH CEILING SUSPENSION SYSTEM, ACOUSTICAL TILES, ETC. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS FOR MORE INFORMATION. LEAVE EXPOSED STRUCTURE ABOVE CLEAN + FREE OF ALL ITEMS SCHEDULED FOR DEMOLITION FOR INSTALLATION OF NEW WORK.





	SCHEDULED DEMOLITION NOTES
#	DEMOLITION TEXT
1	REMOVE EXISTING FLOORING.
2	REMOVE EXISTING CEILING.
3	REMOVE ALL EXISTING PARTITIONS, PLUMBING FIXTURES, AND CASEWORK AS INDICATED.
4	REMOVE ALL CEILEING GRIDS AND TILES IN LOCATIONS NOTED ON PLANS AND COORDINATED WITH THE ROOM FINISH SCHEDULE.
5	REMOVE WINDOW UNIT AND ALL ASSOCIATED WOOD BLOCKING, WINDOW TREATMENTS, INTERIOR WOOD TRIM AND APRON AS REQUIRED FOR INSTALLATION OF NEW WORK
6	REMOVE EXISTING DOOR HARDWARE INCLUDING TRANSOM PANEL WHERE OCCURS, PREPARE EXISTING DOOR FRAME AS REQUIRED TO RECEIVE SCHEDULED FINISH, DOOR AND HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
7	REMOVE EXISTING DOOR(S), FRAME(S), INCLUDING TRANSOM PANEL(S) AND SIDELITE(S), BLOCKING, TRIM AND THRESHOLDS.
8	REMOVE CEILING MOUNTED DEVICES + LIGHT FIXTURES, AND STORE FOR REUSE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9	REMOVE EXISTING CASEWORK, BUILT-IN SHELVING, LOOSE SHELVING, WAREDROBES, BASE AND UPPER CABINETS AND COUNTERTOPS.
10	REMOVE EXISTING PLUMBING FIXTURE(S) AND LINES BACK TO A POINT WHICH WOULD NOT INTERFERE WITH NEW WORK.
11	REMOVE EXISTING GYM EQUIPMENT INCLUDING BUT NOT LMITED TO PULL UP BAGS, CURTAIN + TRACK, WALL PADS + FASTENERS, BLEACHERS, ROPES. PATCH & PREPARE SURFACE FOR NEW FINISH.
12	REMOVE EXISTING WALL MOUNTED PARTITIONS AND ACCESSORIES. PROVIDE BLOCKING AND FURRING AT RECESSES TO ALIGN WITH EXISTING WALL FINISH TO RECEIVE NEW.
13	REMOVE ALL WALL MOUNTED ITEMS, RESTORE FOR REUSE, AND PREPARE SURFACE FOR NEW FINISH.
14	REMOVE EXISTING TECTUM WALL PANELS. PATCH & PREPARE SURFACE FOR NEW FINISH.
15	REMOVE DOOR, FRAME + HARDWARE IN ITS ENTIRETY.
16	REMOVE DOOR + HARDWARE & PREPARE FRAME FOR NEW DOOR + HARDWARE.
17	REMOVE HARDWARE & PREPARE DOOR + FRAME FOR NEW HARDWARE.
18	PREPARE EXISTING FLOOR FOR INSTALLATION OF NEW POURED EPOXY FLOOR. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
19	REMOVE & DISPOSE OF ALL WALL MOUNED ITEMS NOT SCHEDULED TO REMAIN & PREPARE FOR NEW FINISH MATERIAL.SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
20	REMOVE & DISPOSE OF EXISTING ACOUSTICAL CEILING TILES. ALL ITEMS ASSOCIATED WITH EXISTING SUSPENSION SYSTEM ARE TO REMAIN. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS FOR MORE INFORMATION.
21	REMOVE & DISPOSE OF ALL FINISHED CEILING MATERIALS NOT SCHEDULED TO REMAIN, INCLUDING GWB, AND ALL ITEMS SSOCIATED WITH CEILING SUSPENSION SYSTEM, ACOUSTICAL TILES, ETC. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS FOR MORE INFORMATION. LEAVE EXPOSED STRUCTURE ABOVE CLEAN + FREE OF ALL ITEMS SCHEDULED FOR DEMOLITION FOR INSTALLATION OF NEW WORK.

1 DEMO PLAN-1 FIRST FLOOR BP3 3/32" = 1'-0"



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		09 64 66.08	BORDER - PAINTED
03 30 00.01	CONCRETE	09 64 66.09	ACCENT - PAINTED
03 30 00.03	CONCRETE SLAB ON DECK - SEE STRUCTURAL	09 65 13.01	RUBBER BASE - 4 INCH
04 20 00.01	FACE BRICK - REFERENCE ELEVATIONS FOR TYPE AND COURSING	09 65 16.01	RESILIENT SHEET FLOORING - RSF-1
04 20 00.31	CMU - STANDARD - NORMAL WEIGHT - REFERENCE DRAWINGS FOR DEPTH SIZE AND FIRE RATING	09 65 16.11	TRANSITION STRIP
04 20 00.32	CMU BOND BEAM - SEE STRUCTURAL	09 65 19.01	RESILIENT TILE FLOORING - RTF-1
04 20 00.51	GROUT FILL	09 65 19.11	TRANSITION STRIP
05 31 00.01	COMPOSITE STEEL DECK - SEE STRUCTURAL	09 65 23.02	RUBBER FLOOR TILE - HAMMERED PROFILE
05 31 00.11	STEEL ROOF DECK - 3 INCH GALVANIZED - SEE STRUCTURAL	09 65 23.03	RUBBER FLOOR TILE - ATHLETIC
05 40 00.03	STEEL STUDS - 3 5/8 INCH - 16 INCHES O.C. MAX	09 65 23.11	TRANSITION STRIP
05 40 00.19	STEEL Z-CLIP - 16 GAGE MIN 1 INCH MIN. DEPTH - 16 INCHES O.C. MAX	09 65 23.12	TRANSITION STRIP - REDUCING STRIP
05 40 00.21	ISOLATION HANGER	09 65 36.01	STATIC-CONTROL COMPOSITE TILE
05 50 00.10	STEEL ANGLE - SEISMIC CLIP - SEE STRUCTURAL	09 65 36.11	TRANSITION STRIP
05 50 00.22	STEEL TUBE - SIZE AS NOTED OR DRAWN	09 67 23.01	FLUID APPLIED FLOORING - UCF-1
05 50 00.32	STEEL BENT PLATE - SEE STRUCTURAL	09 67 23.02	FLUID APPLIED FLOORING - UCF-2
05 50 00.41	STEEL PLATE - 1/4 INCH THICK - SIZE AS NOTED OR DRAWN	09 68 00.01	CARPET
05 50 00.82	EXPANSION BOLT	09 68 00.11	RUBBER CARPET REDUCING STRIP
06 10 00.23	WOOD BLOCKING - FIRE RETARDANT TREATED - SIZE AS NOTED OR DRAWN	09 68 13.01	TILE CARPET - CPT-1
			RUBBER CARPET REDUCING STRIP
06 10 00.99	WOOD BLOCKING - SIZE AS NOTED OR DRAWN	09 68 13.11	
06 20 00.03	HARDWOOD TRIM - EASED EDGE 1/4 INCH RADIUS - TRANSPARENT FINISH	09 77 33.01	
06 20 00.04	HARDWOOD TRIM - BULLNOSE - TRANSPARENT FINISH	09 84 00.21	ACOUSTICAL PANEL - WALL MOUNTED - TECTUM - TYPE 1
06 20 00.21	HARDWOOD TRIM - 1/2 INCH - TRANSPARENT FINISH	09 91 00.01	PAINT - SEE SCHEDULE
06 20 00.23	HARDWOOD TRIM - 3/4 INCH - TRANSPARENT FINISH	10 11 16.01	DRY MARKER BOARD
06 20 00.62	FLAG HOOK STANDOFF WITH CAP	10 14 00.01	INTERIOR SIGNAGE - TYPE AS SCHEDULED
06 20 00.71	GROMMET - 3 INCH - PLASTIC	10 14 00.02	INTERIOR SIGNAGE - VINYL WALL GRAPHIC
06 20 00.72	WIRE MANAGEMENT HOOKS – 12 INCHES O.C. – UNDER COUNTER	10 21 13.01	TOILET COMPARTMENT
06 20 00.73	STEEL UNDER COUNTER SUPPORT BRACKET - SIZE AS NOTED OR DRAWN	10 21 13.11	TOILET PARTITION - PANEL
06 20 00.81	PLASTIC LAMINATE - TYPE 1	10 21 13.31	URINAL SCREEN
06 20 00.82	PLASTIC LAMINATE BACKSPLASH - 4 INCH	10 21 23.01	CURTAIN TRACK AND CURTAIN
06 20 00.95	REMOVABLE ACCESS PANEL - MATCH ADJACENT FINISH	10 26 41.01	BULLET RESISTANT PANEL - LEVEL 4 - UL 752
06 20 00.99	WOOD BLOCKING - SIZE AS NOTED OR DRAWN	10 44 00.01	FIRE EXTINGUISHER CABINET - FULLY RECESSED
06 40 00.33	HARDWOOD VENEER PLYWOOD - 3/4 INCH - TRANSPARENT FINISH	10 44 00.11	FIRE EXTINGUISHER
07 21 00.20	GLASS FIBER BLANKET INSULATION - MATCH DEPTH OF STUD - UNFACED	11 61 00.21	
07 21 00.20	GLASS FIBER ACOUSTICAL BLANKET INSULATION - MATCH DEPTH OF STUD - UNFACED	11 61 00.41	PIPE GRID - TV STUDIO
	GLASS FIDER ACCOUSTICAL DLAINKET INSULATION - MATCH DEFTH OF STOD - UNFACED		
07 21 00.29		11 66 23.01	WALL PADDING - TYPE 1
07 21 00.30	MINERAL WOOL INSULATION	11 66 23.11	VOLLEYBALL STANDARD FLOOR INSERT
07 21 00.32	MINERAL WOOL ACOUSTICAL INSULATION - 3 1/2 INCH	12 30 00.03	TALL CABINET
07 84 00.01	FIRE SAFING MINERAL WOOL	12 30 00.20	PLASTIC LAMINATE COUNTERTOP
07 84 00.02	CAULK - CAULK AND PUTTY	12 30 00.21	PLASTIC LAMINATE BACKSPLASH - 4 INCH
07 84 00.03	FIRE STOP MORTAR	12 30 00.22	PLASTIC LAMINATE BACKSPLASH - 6 INCH
07 84 00.04	FIRE STOP PILLOWS	12 48 13.01	RECESSED ENTRANCE MAT - REFERENCE DRAWINGS FOR SIZE
07 92 00.01	JOINT SEALANT - TYPE AS REQUIRED	12 48 13.10	EXTRUDED ALUMINUM RECESSED FRAMING - L SHAPE
07 92 00.02	BACKER ROD AND SEALANT - TYPE AS REQUIRED	12 66 13.01	TELESCOPING POWER ASSISTED BLEACHERS
07 95 13.01	EXPANSION JOINT COVER - 4 INCH - INTERIOR - FLOOR / FLOOR	22 00 00.01	SINK - SEE PLUMBING
08 11 13.10	STEEL DOOR - SEE SCHEDULE FOR TYPES	22 00 00.03	WATER FOUNTAIN - SEE PLUMBING
08 11 13.11	STEEL FRAME - SEE SCHEDULE FOR TYPES	22 00 00.21	FLOOR DRAIN - SEE PLUMBING
08 11 13.20	STEEL FRAME CLIP BY FRAME INSTALLER	23 00 00.02	DIFFUSER - SEE HVAC
08 11 13.21	STEEL FRAME ANCHOR	23 00 00.25	RADIANT PANEL - SEE HVAC
		25 00 00.25	NADIANT FANLE - SEE TIVAG
08 14 16.01	SOLID CORE FLUSH WOOD DOOR- SEE DOOR SCHEDULE		
08 71 00.11			
09 21 23.11	METAL SHAFTWALL C-H STUD - 2 1/2 INCH - 24 INCHES O.C. MAX		
09 21 23.12	METAL SHAFTWALL J RUNNER		
09 21 23.21	GYPSUM SHAFTWALL LINER PANEL - 1 INCH		
09 21 23.31	GYPSUM BOARD - 5/8 INCH TYPE X - 1 LAYER		
09 21 23.32	GYPSUM BOARD - 5/8 INCH TYPE X - 2 LAYERS		
09 21 23.41	METAL SHAFTWALL C-STUD TRACK - 2 INCH		
09 21 23.42	METAL SHAFTWALL H STUD - 2 INCH		
09 21 23.51	ALUMINUM 2x2x2-1/2 INCH BREAKAWAY CLIP - MAX 10 FEET O.C. VERTICALLY		
09 22 16.01	METAL STUD 1-5/8 INCH - 16 INCHES O.C. MAX		
09 22 16.03	METAL STUD 3-5/8 INCH - 16 INCHES O.C. MAX		
09 22 16.06	METAL STUD 6 INCH - 16 INCHES O.C. MAX		
09 22 16.08	METAL STUD 8 INCH - 16 INCHES O.C. MAX		
09 22 16.20	METAL STUD - REFER TO FLOOR PLANS FOR DEPTH		
09 22 16.21	METAL FURRING CHANNEL - 7/8 INCH - 16 INCHES O.C. MAX		
09 22 16.31	BOXED HEADER		
09 22 16.41	METAL DEFLECTION TRACK ASSEMBLY		
09 22 16.42	METAL DEFLECTION TRACK ASSEMBLY - FIRE RATED		
09 22 16.42	METAL DEFELCTION TRACKASSEMBET TIME RATED		
09 22 16.91	METAL STOD BRACE METAL CLIP FOR WALL FRAMING - 16 GA 24 INCHES O.C. MAX		
09 29 00.01	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - 1 LAYER		
09 29 00.02	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - 2 LAYERS		
09 29 00.09			
09 29 00.11	5/8 INCH PLYWOOD - FIRE RETARDANT TREATED		
09 29 00.21	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - SAG-RESISTANT		
09 29 00.31	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - IMPACT RESISTANT		
09 29 00.43	CORNER BEAD		
09 29 00.99	GYPSUM BOARD SYSTEM - LEVEL 4 FINISH - REFER TO FLOOR PLANS AND WALL TYPES FOR COMPONENTS		
09 30 13.01			
09 30 13.11			
09 30 16.01			
09 30 19.01			
09 30 19.51			
09 51 00.01	ACT TYPE-1 - REFERENCE REFLECTED CEILING PLANS FOR GRID PATTERN		
09 51 00.01	ACT TYPE-1 - REFERENCE REFLECTED CEILING PLANS FOR GRID PATTERIN ACT TYPE-2		
09 51 00.02	ACT TYPE-2 ACT TYPE-4		
09 51 00.51	ACT SUBDENSION SVSTEM		
	ACT SUSPENSION SYSTEM		
09 51 00.52	EDGE MOLDING SYSTEM		

KEYNOTES_MASTER LEGEND

KEYNOTES_MASTER LEGEND

09 51 00.99

09 64 29.01

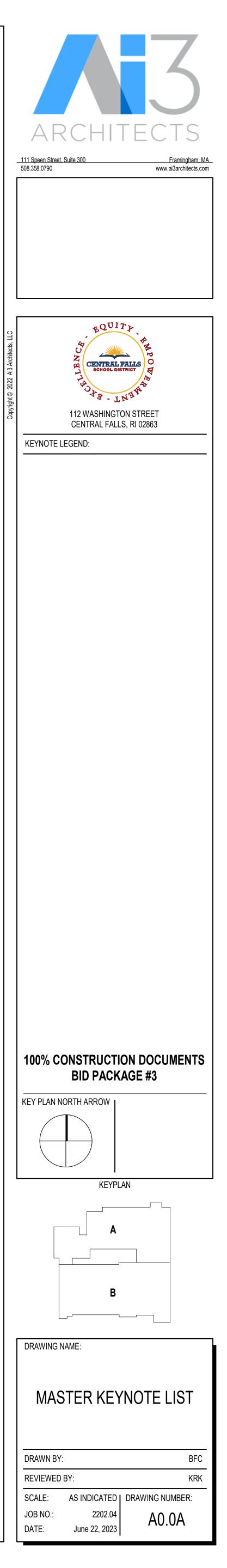
09 64 66.01 09 64 66.02

09 64 66.05 09 64 66.07 WOOD STRIP AND PLANK FLOOR WOOD ATHLETIC FLOOR

STENCIL LETTERING - PAINTED

RUBBER COVE WALL BASE - VENTED GAME LINES - COURT MARKINGS - PAINTED

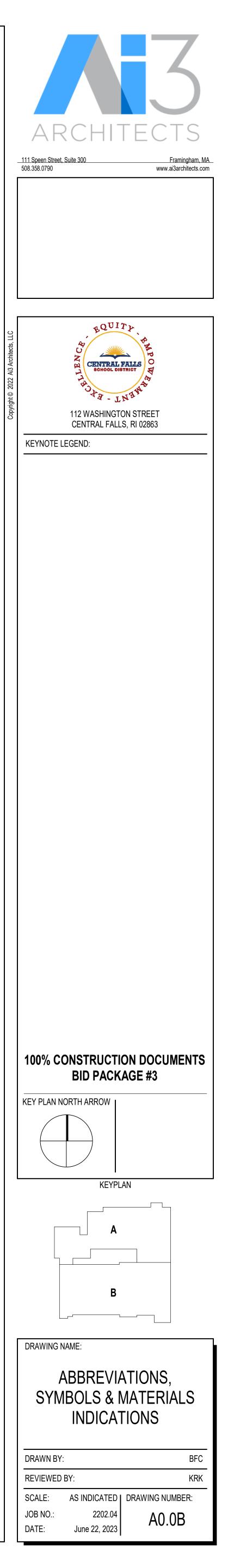
ACOUSTICAL CEILING - REFERENCE REFLECTED CEILING PLANS FOR TYPE AND HEIGHT



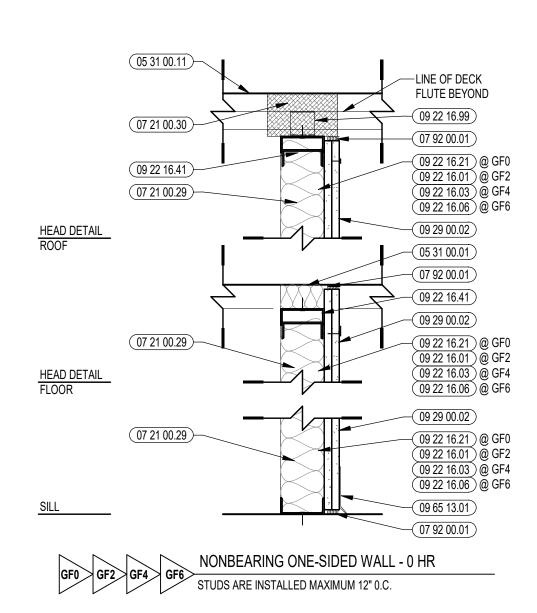
RAPHIC SYMBOLS	
ROOM NAME	ROOM TAG
(100-01)	DOOR TAG
<u>\W100-01</u>	WINDOW TAG
XX	WALL TAG
BX.X	CASEWORK TAG
FEC	EQUIPMENT TAG
(0 .0) — – — – — —	NEW COLUMN GRID LINES
	DATUM/SPOT ELEVATION
X AX.X Ref	BUILDING SECTION
AX.X Ref	DETAIL
X AX.X Ref	WALL SECTION
X AXX Ref	CALLOUT
X AX.X Ref	EXTERIOR ELEVATION
Ref X Ref X AX.X X Ref Ref	INTERIOR ELEVATION
# VIEW NAME SCALE	TITLE MARK
	NORTH ARROW
	WOOD GRAIN DIRECTION

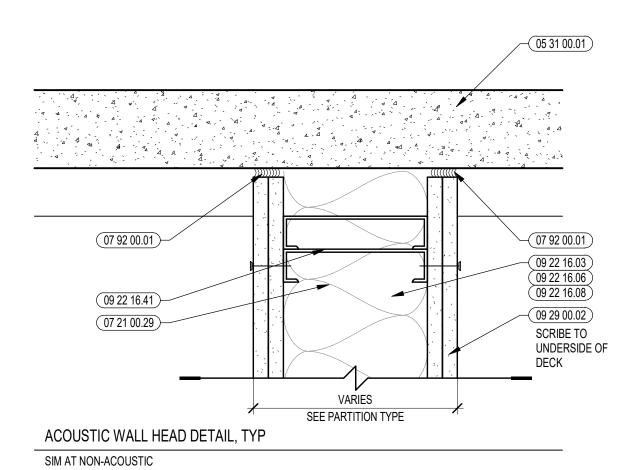
BATT INSULATION
BRICK, STONE MASONRY
CONTINUOUS BLOCKING
INTERMEDIATE BLOCKING
CONCRETE
CONCRETE MASONRY
EARTH
FIRESAFING
GRAVEL
GYPSUM - PLASTER
MINERAL FIBER INSULATION
PLYWOOD
RIGID INSULATION
STEEL
VINYL WALL GRAPHIC
WOOD FINISH

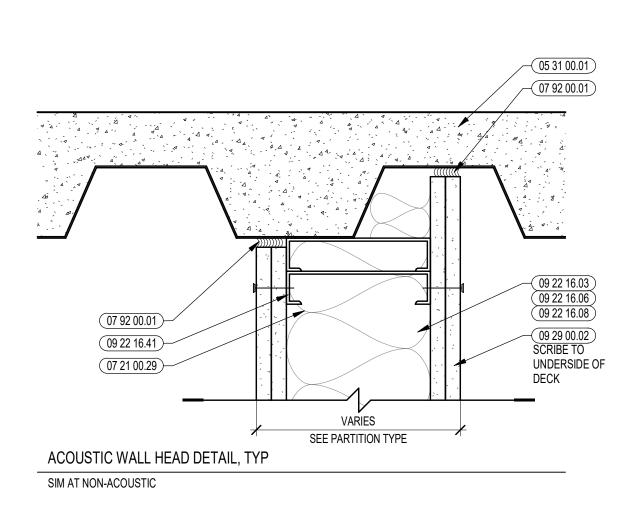
ARCHIT	ECTURAL ABBREVIATION LIST						
A	ACRE	FA	FIRE ALARM	N	NORTH	T	TREAD
AC ACST	AIR CONDITIONING ACOUSTICAL	FAB FAF	FABRICATE FLUID-APPLIED ATHLETIC FLOORING	NAT NIC	NATURAL NOT IN CONTRACT	T&G TB	TONGUE & GROOVE TACK BOARD
ACT	ACOUSTICAL CEILING TILE	FB	FLAT BAR	NO	NUMBER	TC	TOP OF CURB
AD ADD	AREA DRAIN ADDENDUM	FD FDVC	FLOOR DRAIN FIRE DEPARTMENT VALVE CABINET	NOM NRC	NOMINAL NOISE REDUCTION COEFFICIENT	TEL TEMP	TELEPHONE TEMPORARY, TEMPERATURE
ADDL ADJ	ADDITIONAL ADJUSTABLE, ADJACENT	FE FEC	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	NTS	NOT TO SCALE	TFE THK	THIN-FILL EPOXY FLOORING THICK
AFF	ABOVE FINISH FLOOR	FEJ	FLOOR EXPANSION JOINT			THR	THRESHOLD
AGGR AHU	AGGREGATE AIR HANDLING UNIT	FF FH	FINISH FLOOR FIRE HYDRANT	OA OC	OVERALL ON CENTER	TLT TO	TOILET TOP OF
ALT ALUM	ALTERNATE ALUMINUM	FIN FIN GR	FINISH FINISH GRADE	OD OFOI	OUTSIDE DIAMETER OWNER FURNISHED / OWNER INSTALLED	TOP TOC	TOP OF BLOCKING TOP OF CONCRETE
ANOD AP	ANODIZED ACCESS PANEL	FIX FIXT	FIXED FIXTURE	OFCI OH	OWNER FURNISHED / CONTRACTOR INSTALLED OVERHEAD	TOF TOS	TOP OF FOUNDATION TOP OF STEEL
APRX	APPROXIMATE	FLASH	FLASHING	OPER	OPERABLE	TRK	TRACK
ARCH AVG	ARCHITECTURAL AVERAGE	FLEX FLUOR	FLEXIBLE FLUORESCENT	OPNG OPP	OPENING OPPOSITE / SIMILAR	TS TV	TUBE STEEL TELEVISION
& <	AND ANGLE	FLR FND	FLOOR FOUNDATION	OZ	OUNCE	TW TYP	TOP OF WALL TYPICAL
@	AT	FPRF FRT	FIRE PROOFING FIRE RETARDANT TREATED	Р	PAINT	TZ	TERRAZZO
		FS	FOOD SERVICE	PAR	PARALLEL		
BC BD	BRICK COURSE BOARD	FT FTG	FOOT, FEET FOOTING	PERF PERP	PERFORATED PERPENDICULAR	UC UL	UNDERCUT UNDERWRITERS LABORATORY
BG BL	BELOW GRADE BUILDING LINE	FTR FURN	FINNED TUBE RADIATION FURNITURE	PG PL	PAINT GRADE PLATE	UNO UR	UNLESS OTHERWISE NOTED URINAL
BLDG	BUILDING	FURR	FURRING	PLAM	PLASTIC LAMINATE	UV	UNIT VENTILATOR, ULTRAVIOLET
BLK BLKG	BLACK BLOCKING	FUT	FUTURE	PLBG PLAS	PLUMBING PLASTER		
BLR BM	BOILER BEAM, BENCHMARK	GA	GAUGE	PNL POL	PANEL, PANELING POLISHED	VB VCT	VINYL BASE VINYL COMPOSITE TILE
BTM BTU	BOTTOM BRITISH THERMAL UNIT	GALV GC	GALVANIZED GENERAL CONTRACTOR	PR PRFB	PAIR PREFABRICATED	VERT VEST	VERTICAL VESTIBULE
BOW	BOTTOM OF WALL	GEN	GENERAL, GENERATOR	PRTBD	PARTICLE BOARD	VIF	VERIFY IN FIELD
		GFRG GFRP	GLASS FIBER REINFORCED GYPSUM GLASS FIBER REINFORCED PLASTER	PSI PT	POUNDS PER SQUARE INCH PRESSURE TREATED	VP VTR	VENEER PLASTER VENT THROUGH ROOF
CAB CB	CABINET CHALK BOARD	GL GND	GLASS GROUND	PTD PTN	PAINTED PARTITION	VWC	VINYL WALLCOVERING
CBN	CATCH BASIN	GWB GYP	GYPSUM WALL BOARD	PWD	PLYWOOD	\\\/	
CJ CL	CONTROL JOINT CENTERLINE	GTP	GYPSUM			W W/	WEST, WIDE, WIDTH WITH
CLG CLKG	CEILING CAULKING	Н	HIGH	QR QT	QUARTER ROUND QUARRY TILE	W/O WAB	WITHOUT WOOD ATHLETIC FLOORING VENTED BASE
CLOS CLR	CLOSET CLEAR	HC HDW	HOLLOW CORE HARDWARE	QUAL QUAN	QUALITY QUANTITY	WAF WC	WOOD ATHLETIC FLOORING WATER CLOSET
CLSRM	CLASSROOM	HM	HOLLOW METAL	QUAN		WD	WOOD
CMT CMTB	CERAMIC MOSAIC TILE CERAMIC MOSAIC TILE BASE	horz Hp	HORIZONTAL HIGH POINT	R	RADIUS, RISER, RUBBER	WEJ WF	WALL EXPANSION JOINT WIDE FLANGE
CMU COL	CONCRETE MASONRY UNIT COLUMN	HR HSMB	HOUR HORIZONTAL SLIDING MARKER BOARD	RB RCPT	RUBBER BASE RECEPTACLE	WH WP	WATER HEATER WORK POINT
COMP CONC	COMPRESSIBLE CONCRETE	HT HVAC	HEIGHT HEATING VENTILATION & AIR CONDITIONING	RD REC	ROOF DRAIN RECESSED	WPFG WSF	WATER PROOFING WOOD STRIP FLOORING
CONST	CONSTRUCTION	HW	HOT WATER	RECT	RECTANGULAR	WT	WEIGHT, WT (STEEL SHAPE)
CONT CONTR	CONTINUOUS CONTRACTOR	HWD	HARDWOOD	REF REFL	REFERENCE REFLECTED		
CORR CPT	CORRIDOR CARPET	ID	INSIDE DIAMETER	REFR REINF	REFRIGERATOR REINFORCED	XBAR XH	CROSSBAR EXTRA HEAVY
CRS	COURSE	IN	INCH, INCHES	REQD	REQUIRED	XL	EXTRA LARGE
CT CTB	CERAMIC TILE CERAMIC TILE BASE	INCL INSUL	INCLUDE, INCLUSIVE INSULATION, INSULATED	RESIL REV	RESILIENT REVISE, REVERSE		
CTR CUH	CENTER CABINET UNIT HEATER	INT INV	INTERIOR INVERT, INVERSE	RH RHR	RIGHT HAND RIGHT HAND REVERSE	YD YR	YARD YEAR
CW ſ	COLD WATER CHANNEL			RL RLG	RAIN LEADER RAILING	YS	YIELD STRENGTH
L		JAN	JANITOR	RO	ROUGH OPENING	7	
D	DEEP	JT	JOINT	RR RT	RUBBER RISER RIGHT	Z ZN	MODULUS OF SECTION ZINC
DBL DEG	DOUBLE DEGREE	KD	KNOCKED DOWN	RTR	RUBBER TILE, RUBBER TREAD		
DEMO DEPT	DEMOLITION DEPARTMENT	KEC KIT	KITCHEN EQUIPMENT CONTRACTOR	S	SOUTH		
DET	DETAIL	KW	KILOWATT	SC	SOLID CORE		
DF DIA	DRINKING FOUNTAIN DIAMETER	KWH	KILOWATT PER HOUR	SCHD SCRF	SCHEDULE STATIC-CONTROL RESILIENT FLOORING		
DIFF DIM	DIFFUSER DIMENSION	L	LEFT, LONG	SECT SEG	SECTION SEGMENT		
DISP DIV	DISPENSER DIVISION	LAM LAV	LAMINATE, LAMINATED LAVATORY	SF SH	SQUARE FOOT SHELF		
DN DPFG	DOWN DAMPROOFING	LB LF	POUND LINEAR FOOT, LINEAR FEET	SHT	SHEET SHOWER		
DR	DOOR	LH	LEFT HAND	SHVT	SEAMLESS SHEET VINYL		
DRW DS	DRAWER DOWNSPOUT	LP LT	LOW POINT LIGHT	SIM SLH	SIMILAR SLOTTED HORIZONTAL		
DWG	DRAWING	LTG	LIGHTING	SLV SMFL	SLOTTED VERTICAL SEAMLESS FLOORING		
Е	EAST	MAT	ENTRANCE MATS, ENTRANCE GRATE	SPEC SQ	SPECIFICATION		
EA	EACH	MATL	MATERIAL	SQIN	SQUARE INCH		
EJ EL	EXPANSION JOINT ELEVATION	MAX MB	MAXIMUM MARKER BOARD	SS SSM	STAINLESS STEEL SOLID SURFACE MATERIAL		
ELEC ELEV	ELECTRICAL ELEVATOR	MECH MEMB	MECHANICAL MEMBRANE	ST STA	STREET STATION		
EMER	EMERGENCY	MFR MIN	MANUFACTURER	STC	SOUND TRANSMISSION CLASSIFICATION		
ENCL ENTR	ENCLOSURE ENTRANCE	MISC	MINIMUM MISCELLANEOUS	STD STL	STANDARD STEEL		
EP EQ	ELECTRICAL PANEL, EPOXY PAINT EQUAL	MO MR	MASONRY OPENING MOISTURE RESISTANCE	STOR STR	STORAGE STRUCTURE		
EQUIP EWC	EQUIPMENT ELECTRIC WATER COOLER	MTD MTG	MOUNTED MOUNTING, MEETING	STRL SUB	STRUCTURAL SUBCONTRACTOR		
EX	EXISTING	MTL	METAL	SUSP	SUSPENDED		
EXCV EXP	EXCAVATION EXPOSED	MUL	MULLION	SWD SYM	SOFT WOOD SYMMETRICAL		
EXT EXTR	EXTERIOR EXTRUDED			SYN SYST	SYNTHETIC SYSTEM		



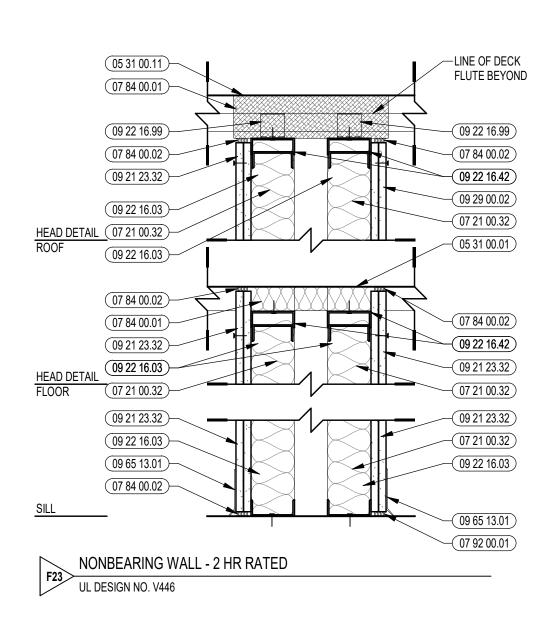
05 31 00.01	COMPOSITE STEEL DECK - SEE STRUCTURAL
05 31 00.11	STEEL ROOF DECK - 3 INCH GALVANIZED - SEE STRUCTURAL
05 40 00.03	STEEL STUDS - 3 5/8 INCH - 16 INCHES O.C. MAX
05 40 00.19	STEEL Z-CLIP - 16 GAGE MIN 1 INCH MIN. DEPTH - 16 INCHES O.C. MAX
07 21 00.20	GLASS FIBER BLANKET INSULATION - MATCH DEPTH OF STUD - UNFACED
07 21 00.22	GLASS FIBER ACOUSTICAL BLANKET INSULATION - MATCH DEPTH OF STUD - UNFACED
07 21 00.29	
07 21 00.30	MINERAL WOOL INSULATION
07 21 00.32	MINERAL WOOL ACOUSTICAL INSULATION - 3 1/2 INCH
07 84 00.01	FIRE SAFING MINERAL WOOL
07 84 00.02	CAULK - CAULK AND PUTTY
07 92 00.01	JOINT SEALANT - TYPE AS REQUIRED
09 21 23.21	GYPSUM SHAFTWALL LINER PANEL - 1 INCH
09 21 23.31	GYPSUM BOARD - 5/8 INCH TYPE X - 1 LAYER
09 21 23.32	GYPSUM BOARD - 5/8 INCH TYPE X - 2 LAYERS
09 21 23.41	METAL SHAFTWALL C-STUD TRACK - 2 INCH
09 21 23.42	METAL SHAFTWALL H STUD - 2 INCH
09 21 23.51	ALUMINUM 2x2x2-1/2 INCH BREAKAWAY CLIP - MAX 10 FEET O.C. VERTICALLY
09 22 16.01	METAL STUD 1-5/8 INCH - 16 INCHES O.C. MAX
09 22 16.03	METAL STUD 3-5/8 INCH - 16 INCHES O.C. MAX
09 22 16.06	METAL STUD 6 INCH - 16 INCHES O.C. MAX
09 22 16.08	METAL STUD 8 INCH - 16 INCHES O.C. MAX
09 22 16.21	METAL FURRING CHANNEL - 7/8 INCH - 16 INCHES O.C. MAX
09 22 16.41	METAL DEFLECTION TRACK ASSEMBLY
09 22 16.42	METAL DEFLECTION TRACK ASSEMBLY - FIRE RATED
09 22 16.99	METAL CLIP FOR WALL FRAMING - 16 GA 24 INCHES O.C. MAX
09 29 00.01	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - 1 LAYER
09 29 00.02	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - 2 LAYERS
09 29 00.09	
09 29 00.31	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - IMPACT RESISTANT
09 29 00.99	GYPSUM BOARD SYSTEM - LEVEL 4 FINISH - REFER TO FLOOR PLANS AND WALL TYPES FOR COMPONENTS
09 30 13.11	
09 30 19.51	
09 65 13.01	RUBBER BASE - 4 INCH
10 26 41.01	BULLET RESISTANT PANEL - LEVEL 4 - UL 752

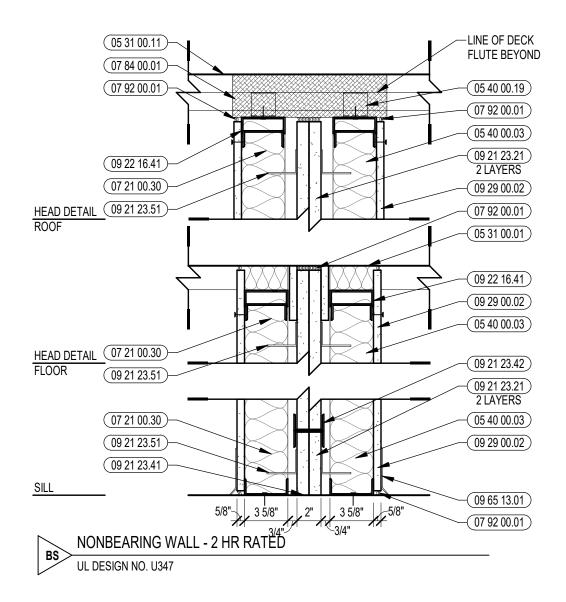


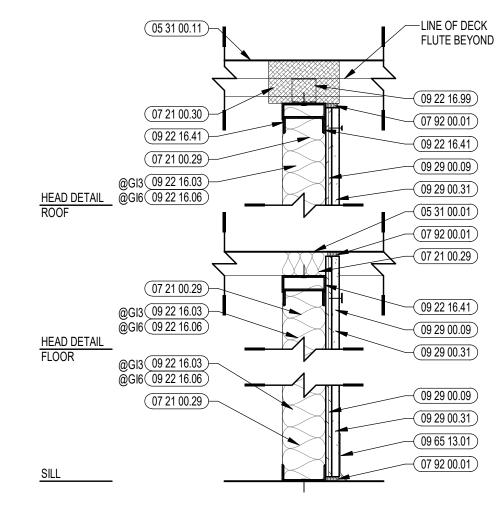




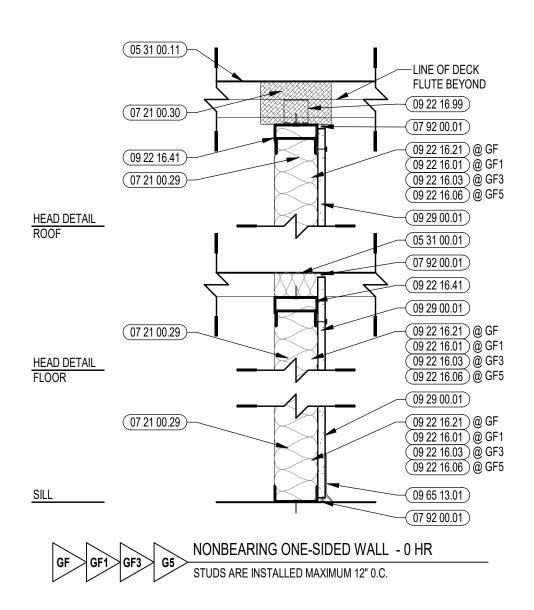
2 PARTITION TYPE HEAD DETAILS

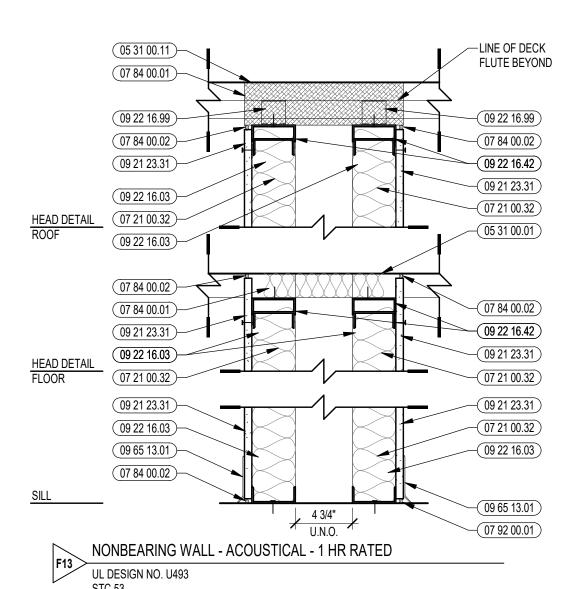




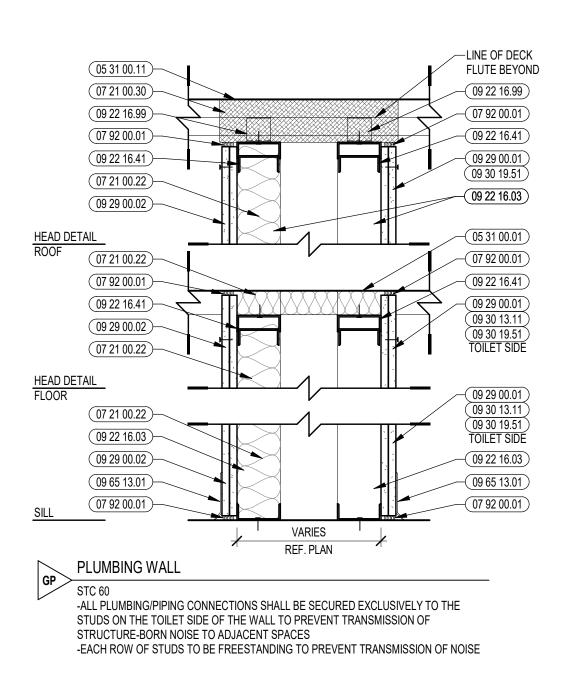


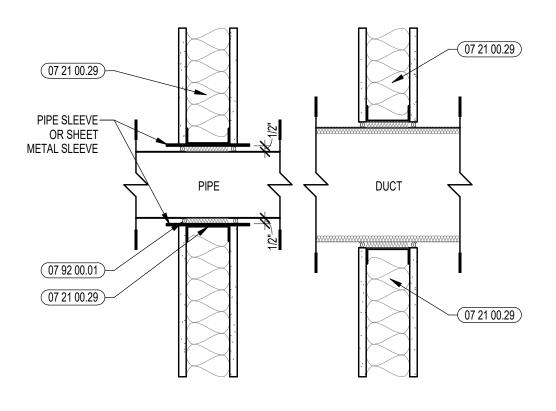
GIA NONBEARING ONE-SIDED WALL - IMPACT RESISTANT AT GYMNASIUM LOCATIONS



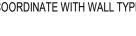


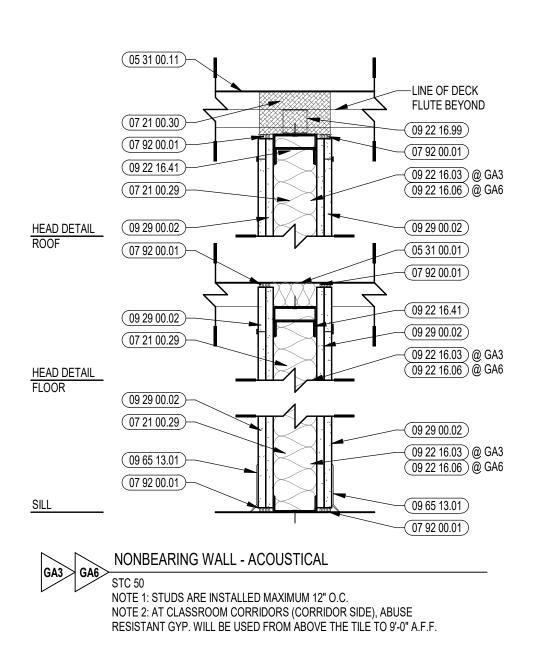
STC 53 - EACH ROW OF STUDS TO BE FREESTANDING TO PREVENT TRANSMISSION OF NOISE

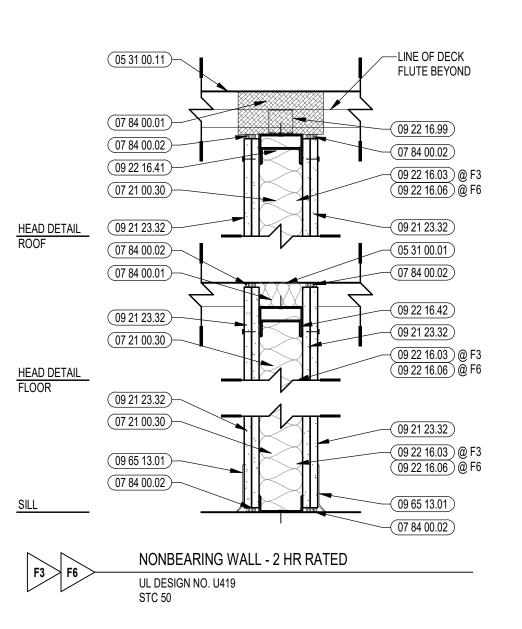


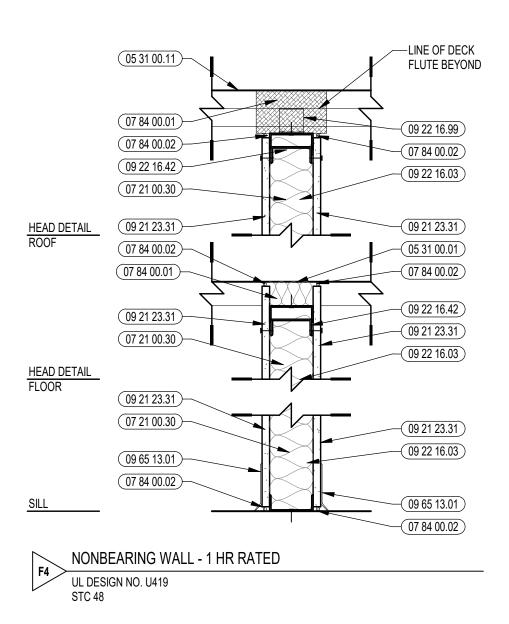


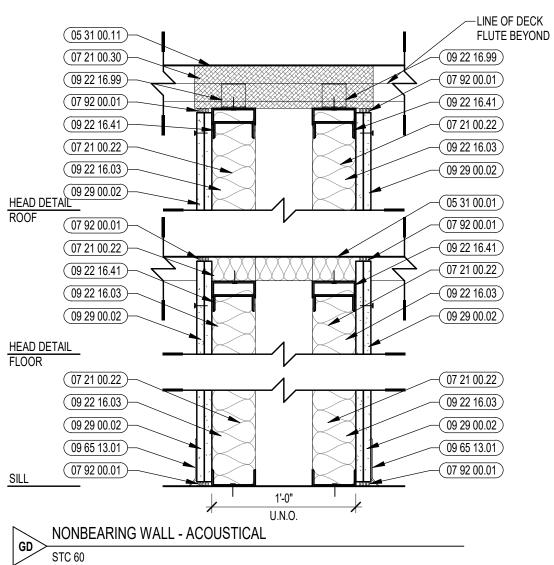
WALL PENETRATION DETAILS



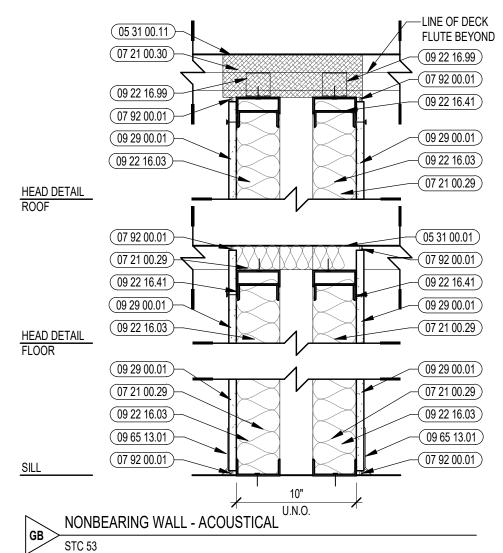




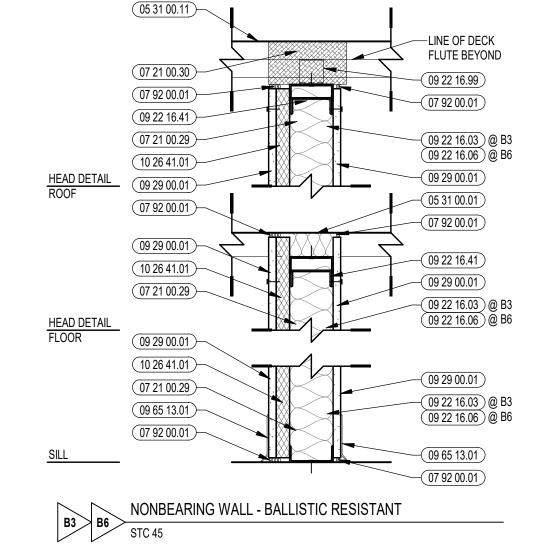


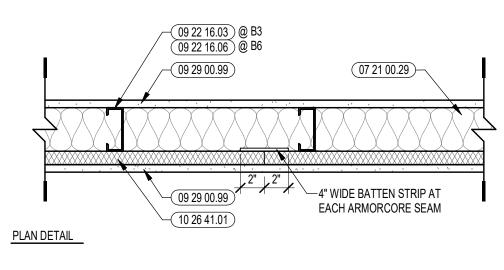


-EACH ROW OF STUDS TO BE FREESTANDING TO PREVENT TRANSMISSION OF NOISE

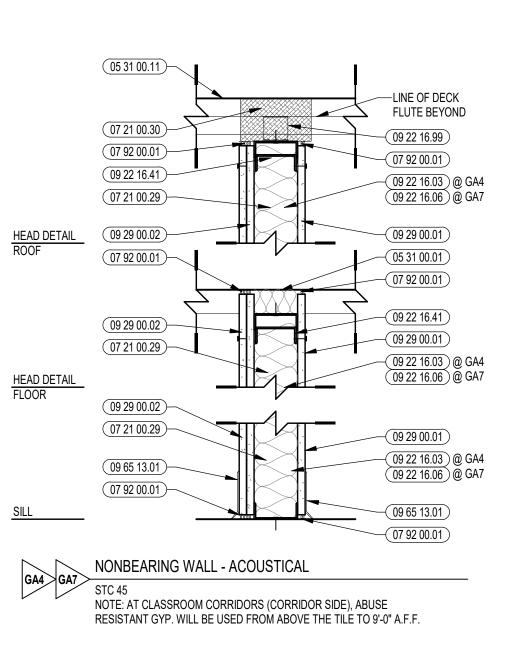


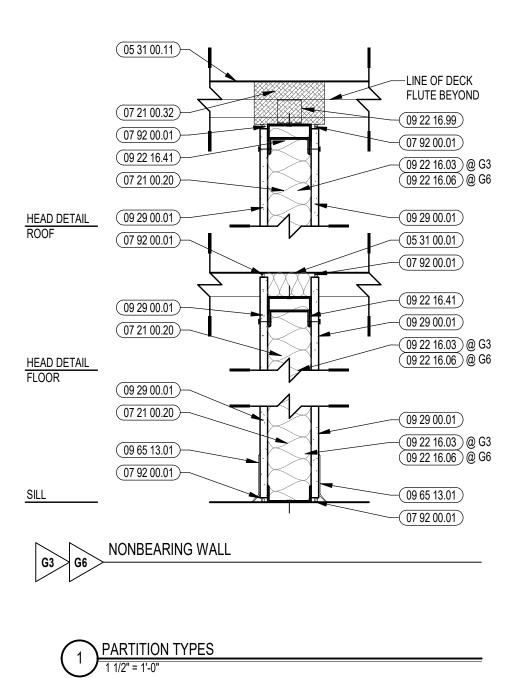
STC 53 - EACH ROW OF STUDS TO BE FREESTANDING TO PREVENT TRANSMISSION OF NOISE NOTE: AT CLASSROOM CORRIDORS (CORRIDOR SIDE), ABUSE RESISTANT GYP. WILL BE USED FROM ABOVE THE TILE TO 9'-0" A.F.F.

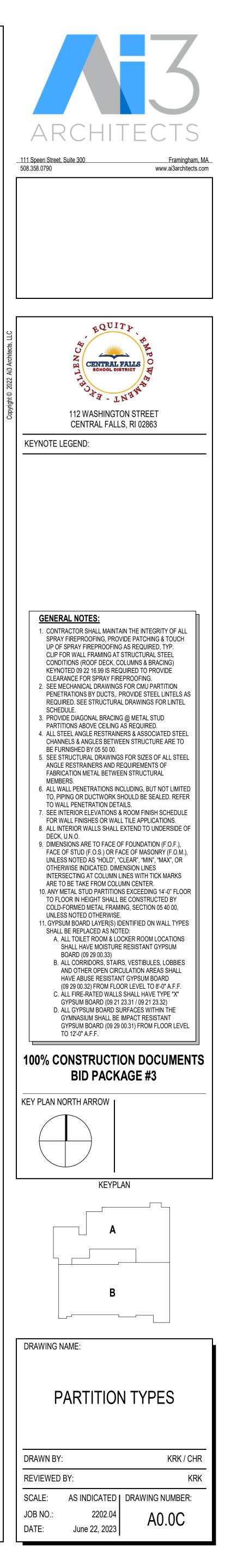


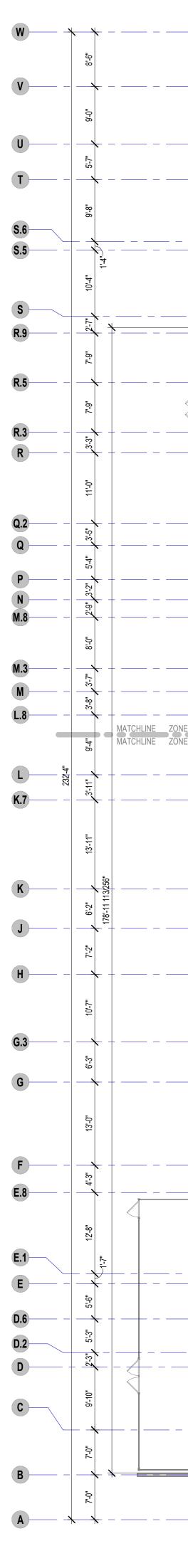


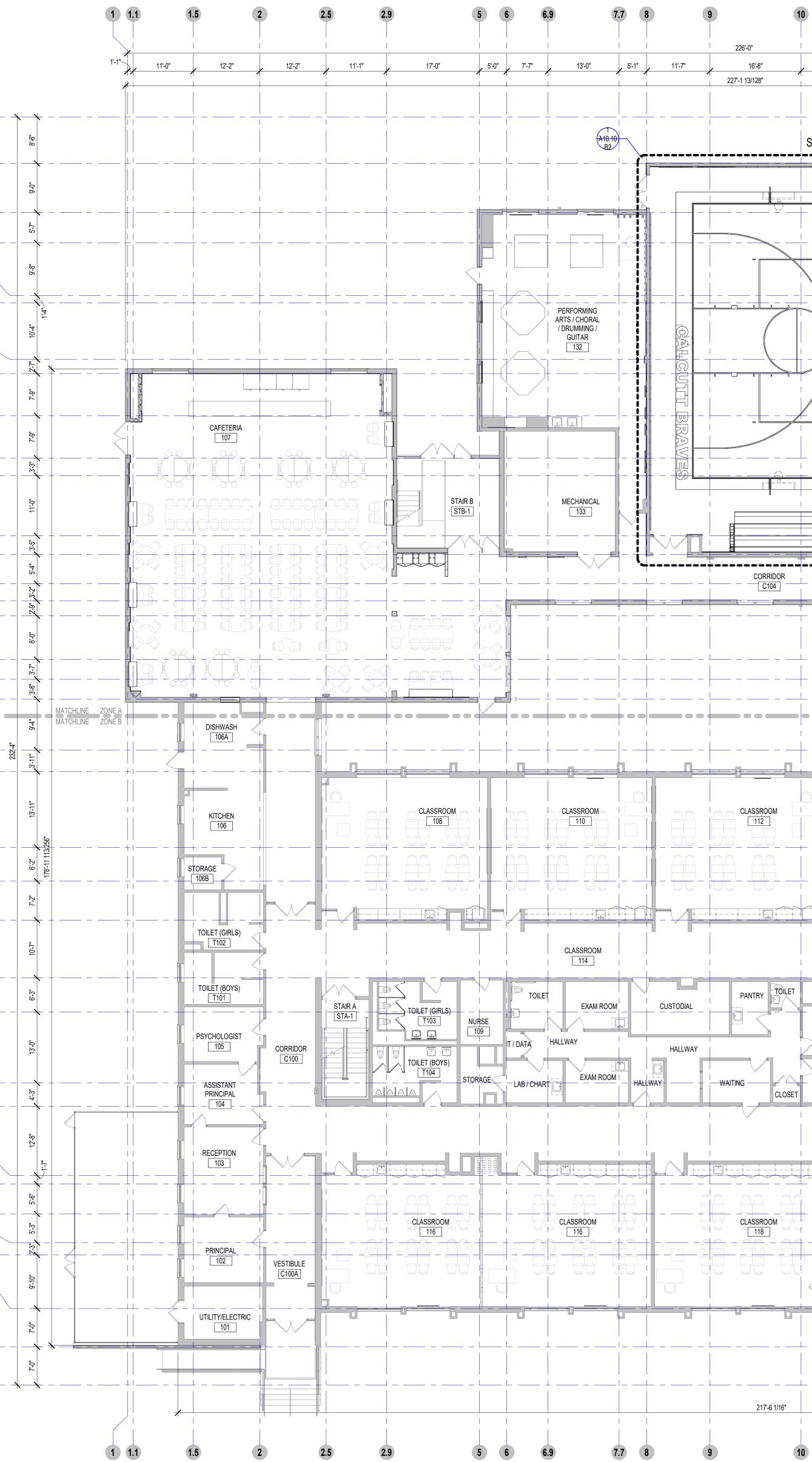
B3 B6 NONBEARING WALL - BALLISTIC RESISTANT STC 45





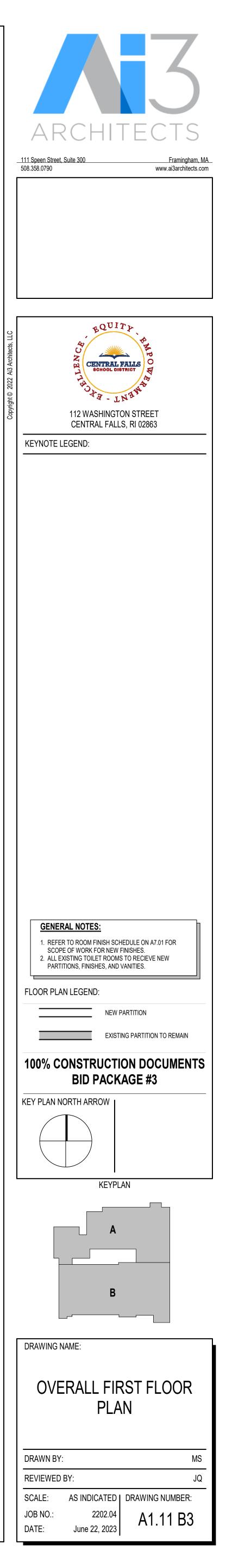


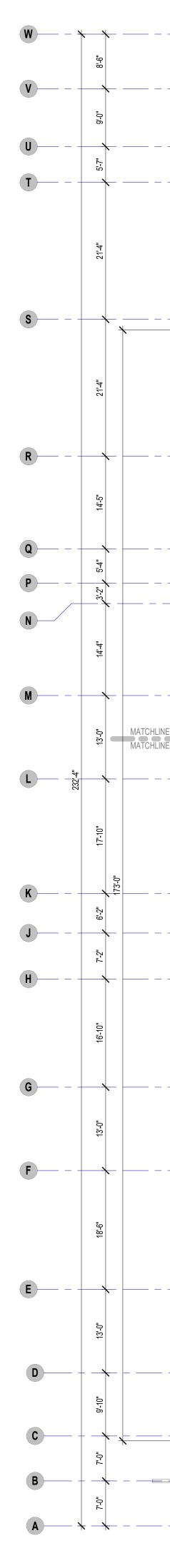


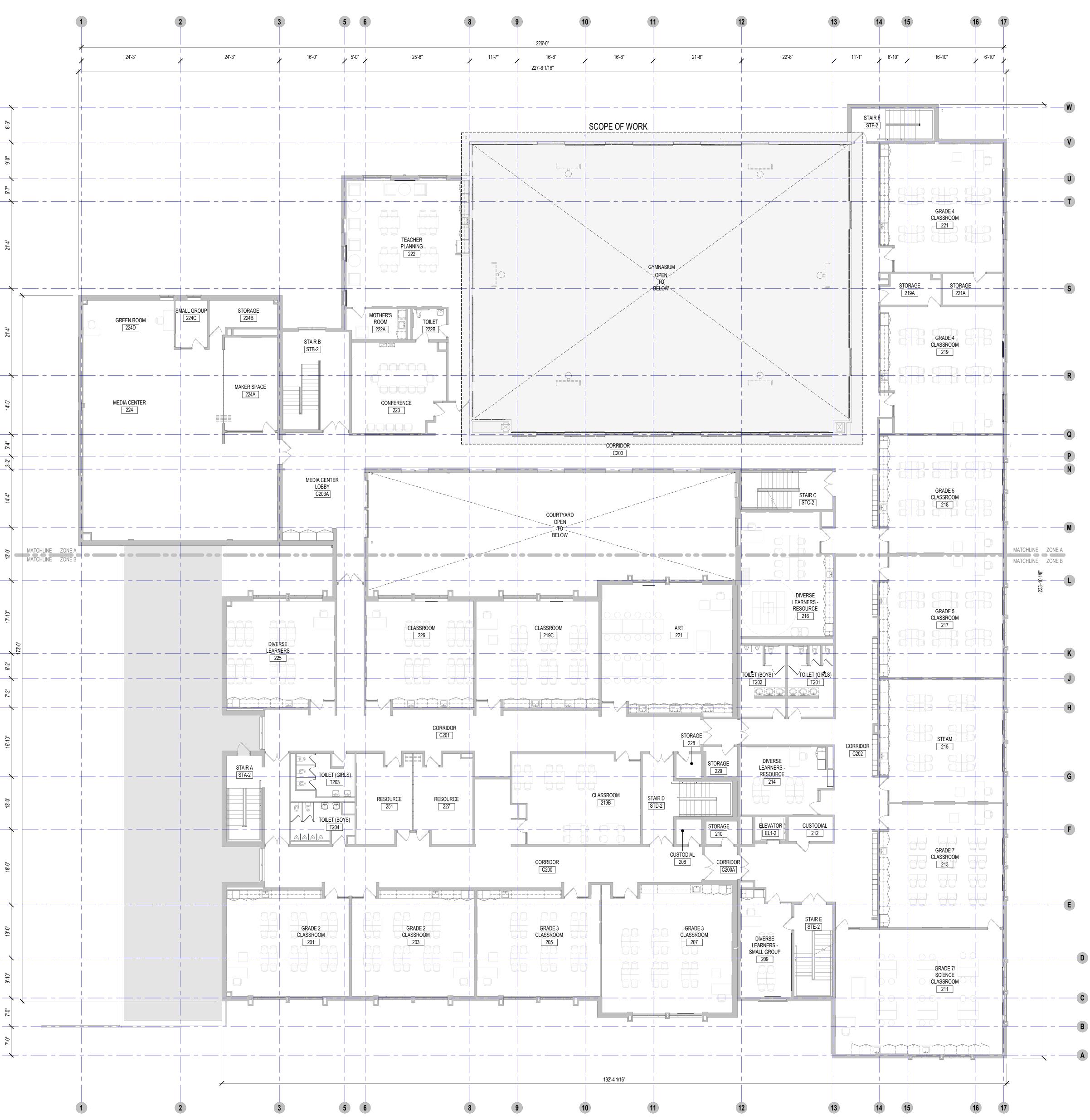


0VERALL FIRST FLOOR PLAN 3/32" = 1'-0"

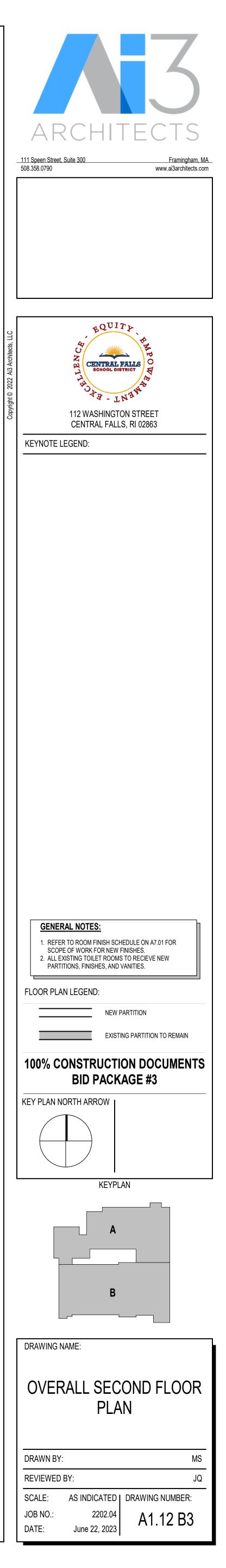
	11.7			3.1 13.5			5.5		,	
16'-8"	. 14'-8" 6'-6"	11'-8" 6" 5"	10'-7" ' 8"	3'-5" 7'-0"	6'-10"	7'-2"	9'-8"	6'-10"	- <u>-</u> *	
PE OF WORK	·			STAIR					`	
				STF-1						
						TOILET (BO				
	GYMNASIUM				COACHE 129D					
							BOYS LOCKER			
					STORAGI 129C		≀ ╵⋒┌┬┬┬┬┬╴	<u>s</u> <u>s</u> <u>e</u> <u>e</u>		
					7" CUSTOD 129B	IAL				
				' ' `	O TORAGI	Ŧ _	GIRLS LOCKER ROOM 130			
					129A					
						TOILET (GIRLS			WATER METER	
			STAIR C STC-1				CLASSROOM 128			
		- <mark> </mark>								
		CLASSROOM 119							MATCHLINE ZONE A MATCHLINE ZONE B	
				├ ├ - - 					233-8 211/256	
	CLASSROOM						CLASSROOM			
))		
			OILET (GIRLS)							
	STORAGE	T105					CLASSROOM			
RVER	• STORAGE			CLASSROOM						
FICE		RESOURCE 136				 				
FICE	STD-1 STORAGE 123	ELEVATOR 1 M	ACHINE ROOM	 <u> </u>		 				
	CUSTODIAL			 						
			 - 							
			STAIR E STE-3							
	CLASSROOM									
		ADMIN / NEW COMERS 122		VE\$TIBULE C103A			CLASSROOM			
						SPRINKLER 124B				



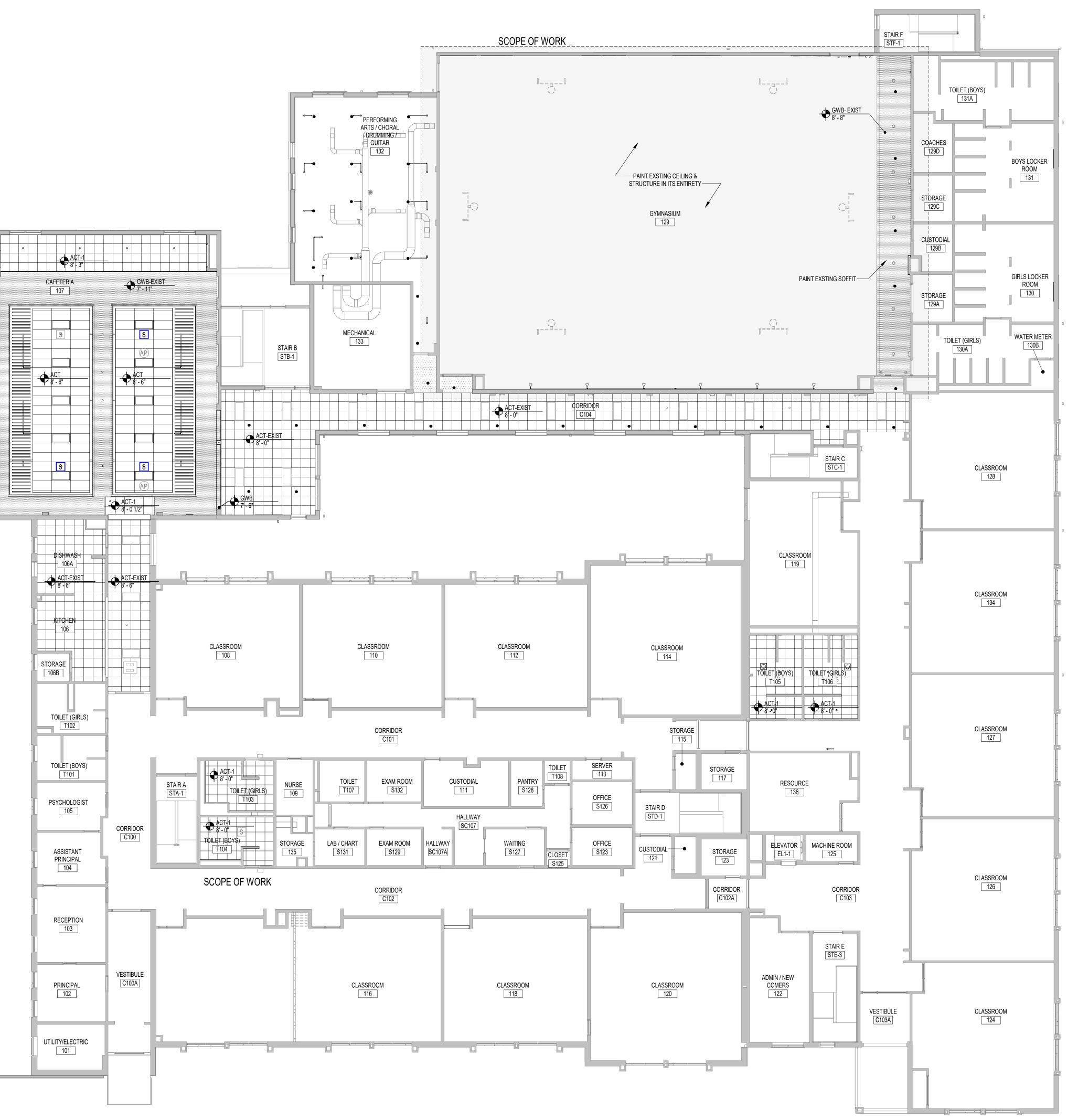




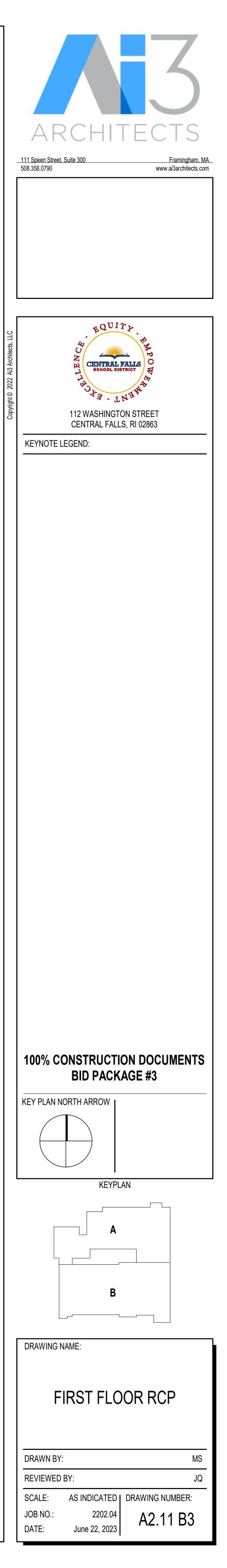
1 OVERALL SECOND FLOOR PLAN 3/32" = 1'-0"







1 FIRST FLOOR REFLECTED CEILING PLAN 3/32" = 1'-0"



ABBREVIATIONS

- ACST ACOUSTIC AL ALUMINUM
- ALG ALUMINUM AND GLASS
- CLR CLEAR FINISH
- HM HOLLOW METAL
- GL GLASS
- MFR MANUFACTURERS STANDARD OH OVERHEAD DOOR
- OHC OVERHEAD COILING DOOR
- OHCC OVERHEAD COILING COUNTER DOOR
- OHG OVERHEAD COILING GRILLE
- P PAINTED FINISH PC POWDER COAT FINISH
- PS POWER SUPPLY REQUIRED FOR DOOR HARDWARE
- PS1 POWER SUPPLY REQUIRED FOR DOOR OPERATOR ONLY. NO ELECTRIFIED DOOR HARDWARE.
- PVFD POLYVINYLDENE FLUORIDE
- SCW SOLID CORE WOOD (FLUSH) STL STEEL
- TBHM THERMALLY BROKEN HOLLOW METAL FRAME

REMARKS: GENERAL NOTES

- A. PROVIDE INSULATION, WEATHERSTRIPPING AND THRESHOLD AT EXTERIOR DOORS.
- B. ALL EXTERIOR HOLLOW METAL DOORS AND FRAMES TO BE GALVANIZED UNLESS NOTED OTHERWISE.
- C. ELECTRICAL (26 00 00) SHALL INSTALL FLEXIBLE CONDUIT IN ALL FRAMES THAT HAVE DOOR POSITION SENSORS AND/OR ACCESS CONTROL DEVICES. COORDINATE CONDUIT REQUIRED & LOCATION WITH ACCESS CONTROL (28 00 00).
- D. ALL EXTERIOR DOOR FRAMES SHALL BE PREPARED TO RECEIVE DOOR POSITION INDICATORS AND/OR ACCESS CONTROL DEVICES AS IDENTIFIED IN THE HARDWARE SET. REFER TO SPECIFICATION SECTIONS; 08 71 00 - DOOR HARDWARE AND 28 00 00 - ACCESS CONTROL.
 - E. REFER TO FLOOR PLANS FOR DOUBLE EGRESS DOOR FRAMES.
 - F. REFER TO MECHANICAL DRAWINGS FOR DOORS THAT REQUIRE UNDERCUTTING.

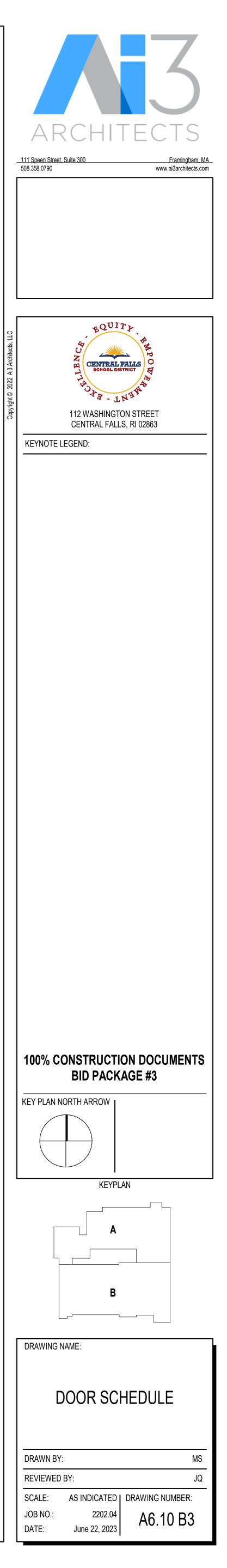
 - NOTICE OF THE ARCHITECT.

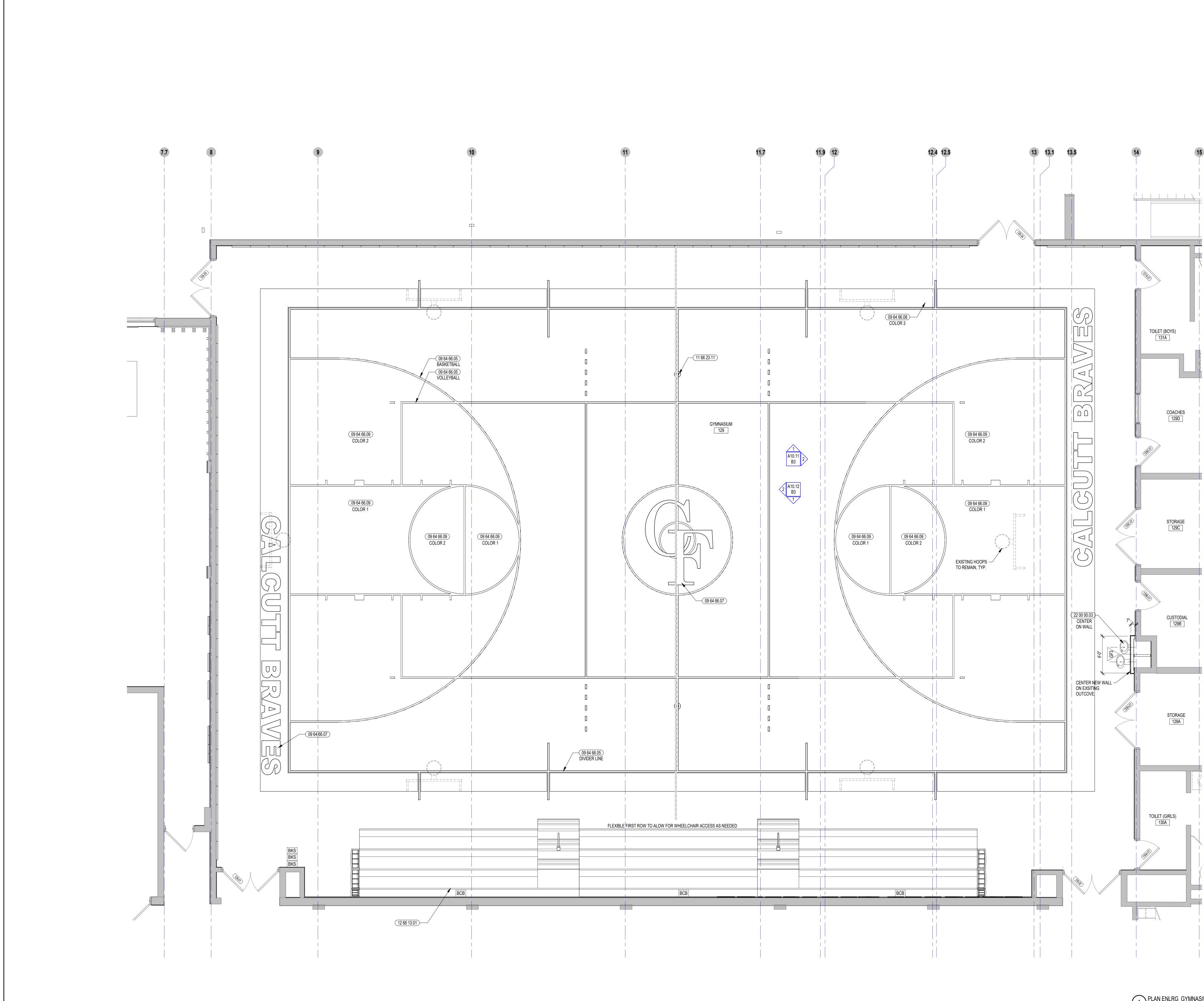
G. REFER TO DRAWING A7.02 FOR FLOOR TRANSITION DETAILS. COORDINATE LOCATIONS WITH A7.01 - ROOM FINISH SCHEDULE.

H. ELECTRICAL & DOOR HARDWARE SHALL COORDINATE WITH HOLLOW METAL AND STOREFRONT FOR ACCESS CONTROL WIRING, REQUIREMENTS, PATHING, AND LOCATION.

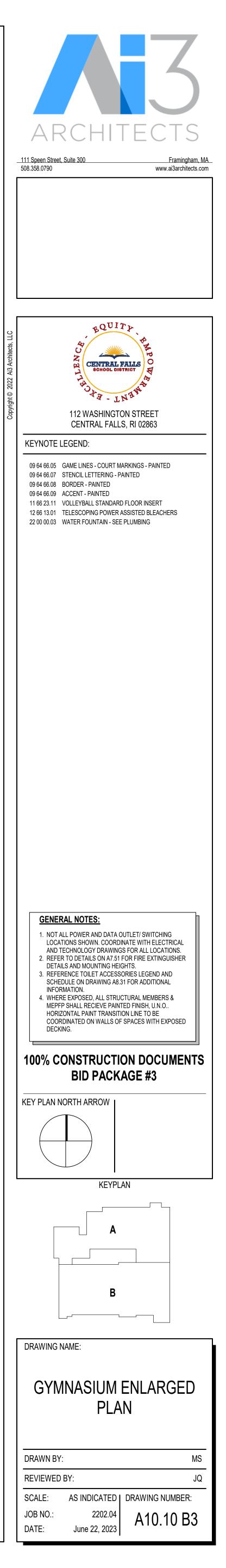
I. FIELD VERIFY ROUGH OPENING PRIOR TO FABRICATION - IF ANY DISCREPANCY BRING TO THE

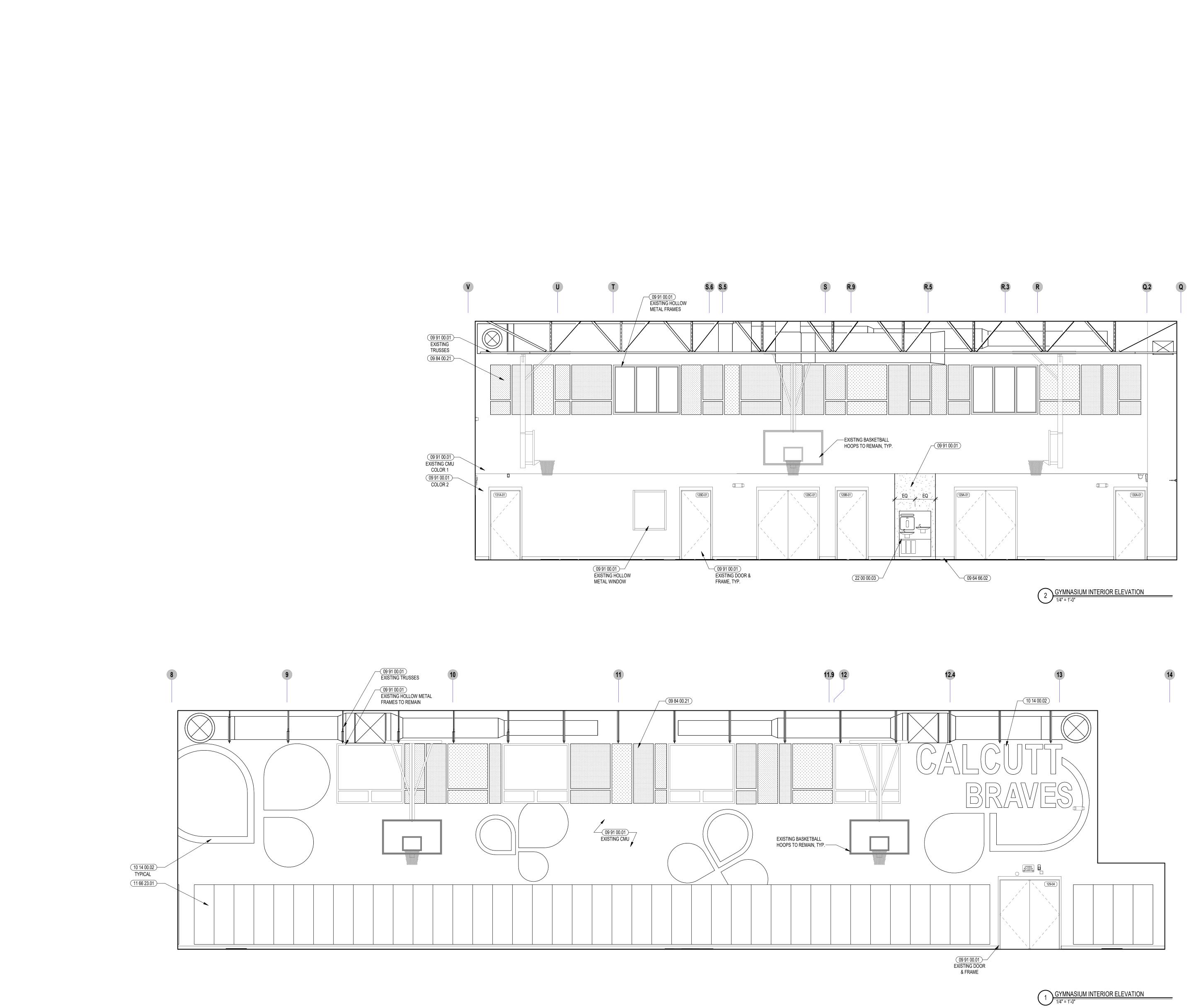
DOO	R SCHEDULE													
FIRST I	FLOOR		DC	OOR					FRAME				FIRE	
DOOR #	ROOM NAME	DR SIZE	TYPE	MAT'L	THK. DR FIN	ТҮРЕ	MAT'L	FIN.	HEAD	JAMB	SILL	HDW SET	RATING	REMARKS
									1	1		1		
129-01	CORRIDOR	PR 3' - 0" X 7' - 0"	AA	SCW	Р	F1.2	HM	P	ETR	ETR	ETR	GM-2.0		EXISTING REUSED
129-02	CLASSROOM	PR 3' - 0" X 7' - 0"	AA	SCW	P	F1.2	HM	P	ETR	ETR	ETR	GM-2.0		EXISTING REUSED
129-03	GYMNASIUM	PR 3' - 0" X 7' - 0"	AA	SCW	Р	F1.2	HM	Р	ETR	ETR	ETR	GM-1.0		EXISTING REUSED
129-04	GYMNASIUM	PR 3' - 0" X 7' - 0"	AA	SCW	P	F1.2	HM	Р	ETR	ETR	ETR	GM-1.0		EXISTING REUSED
129A-01	GYMNASIUM	PR 3' - 0" X 7' - 0"	AA	SCW	Р	F1.2	HM	Р	ETR	ETR	ETR	NIC		EXISTING REUSED
129B-01	CUSTODIAL	3' - 0" X 7' - 0"	A	SCW	Р	EX	EX	Р	ETR	ETR	ETR	NIC		EXISTING REUSED
129C-01	GYMNASIUM	PR 3' - 0" X 7' - 0"	AA	SCW	P	F1.2	HM	Р	ETR	ETR	ETR	NIC		EXISTING REUSED
129D-01	COACHES	3' - 0" X 7' - 0"	A	SCW	P	EX	EX	Р	ETR	ETR	ETR	NIC		EXISTING REUSED
130A-01	TOILET (GIRLS)	3' - 0" X 7' - 0"	A	SCW	Р	EX	EX	Р	ETR	ETR	ETR	NIC		EXISTING REUSED
131A-01	TOILET (BOYS)	3' - 0" X 7' - 0"	A	SCW	Р	EX	EX	Р	ETR	ETR	ETR	NIC		EXISTING REUSED

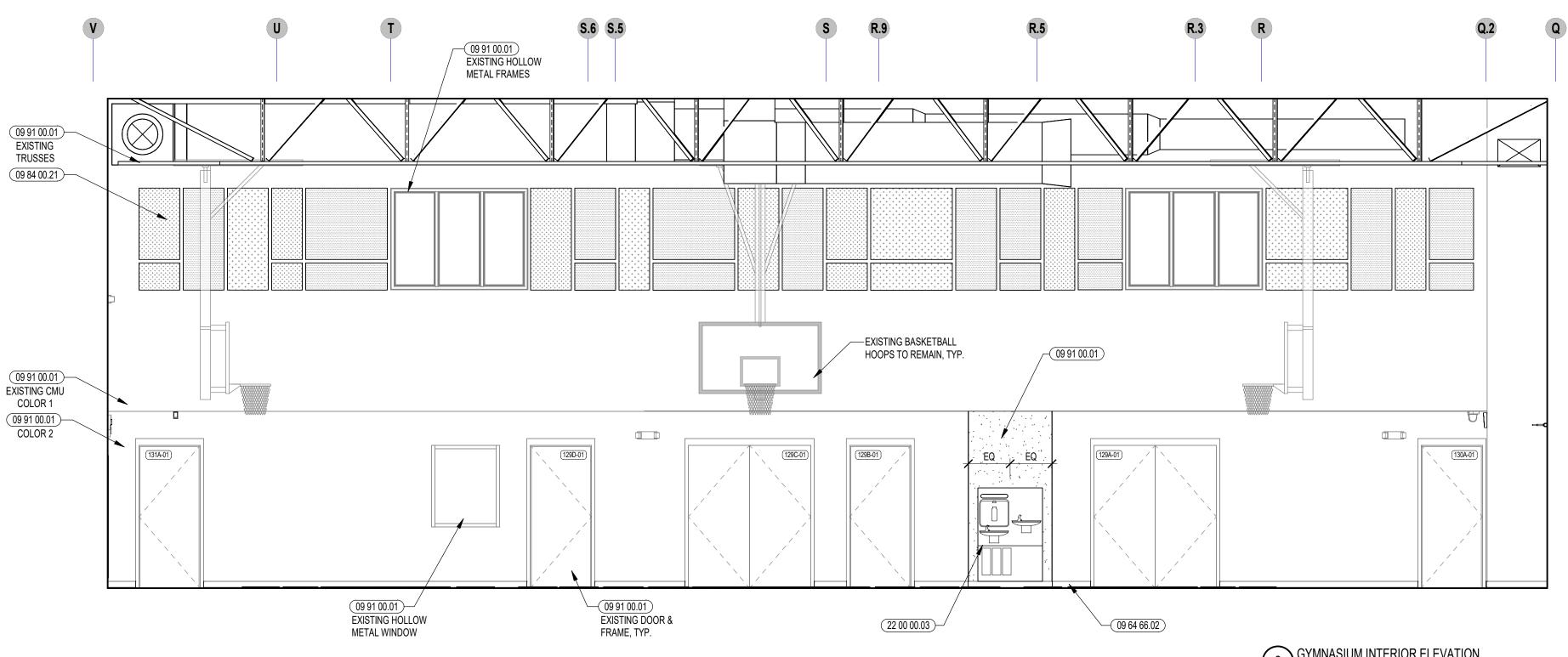


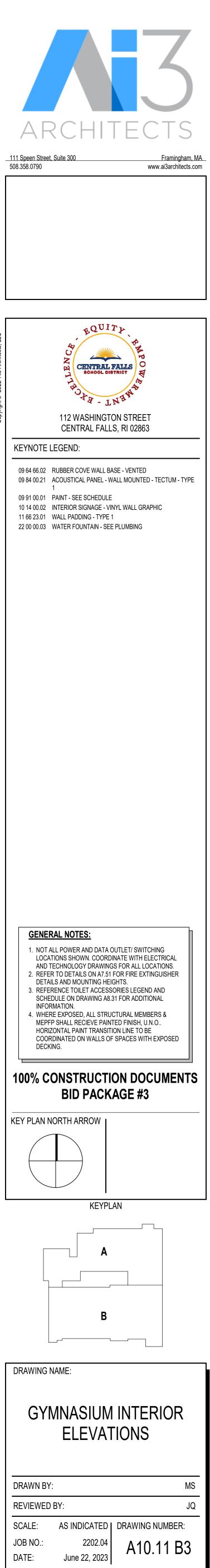


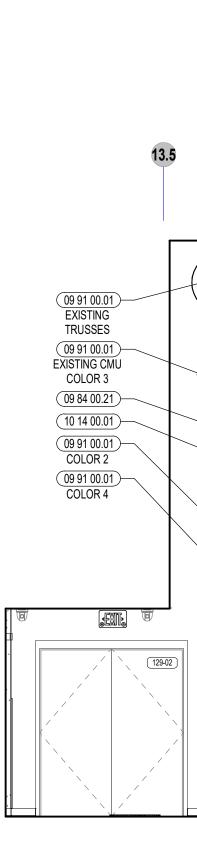
1 PLAN ENLRG_GYMNASIUM 1/4" = 1'-0"

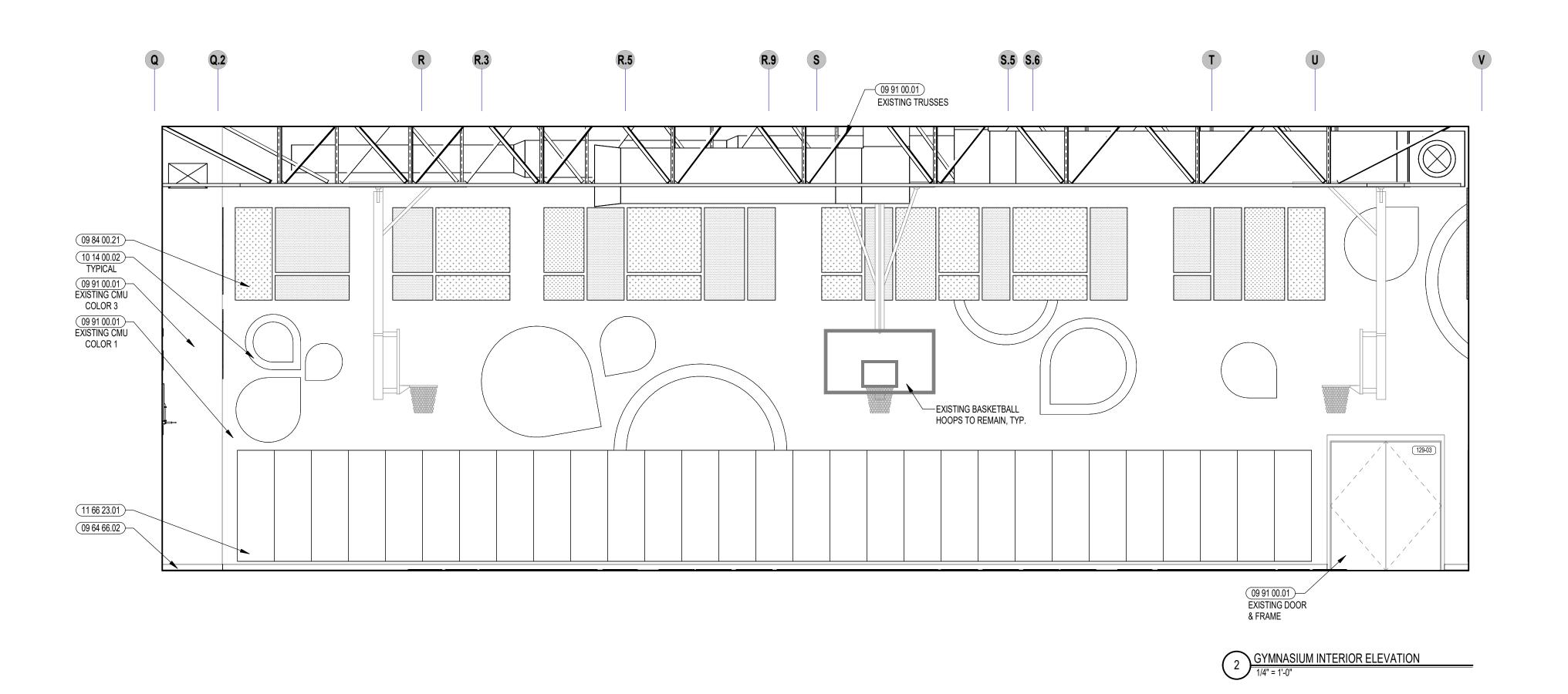


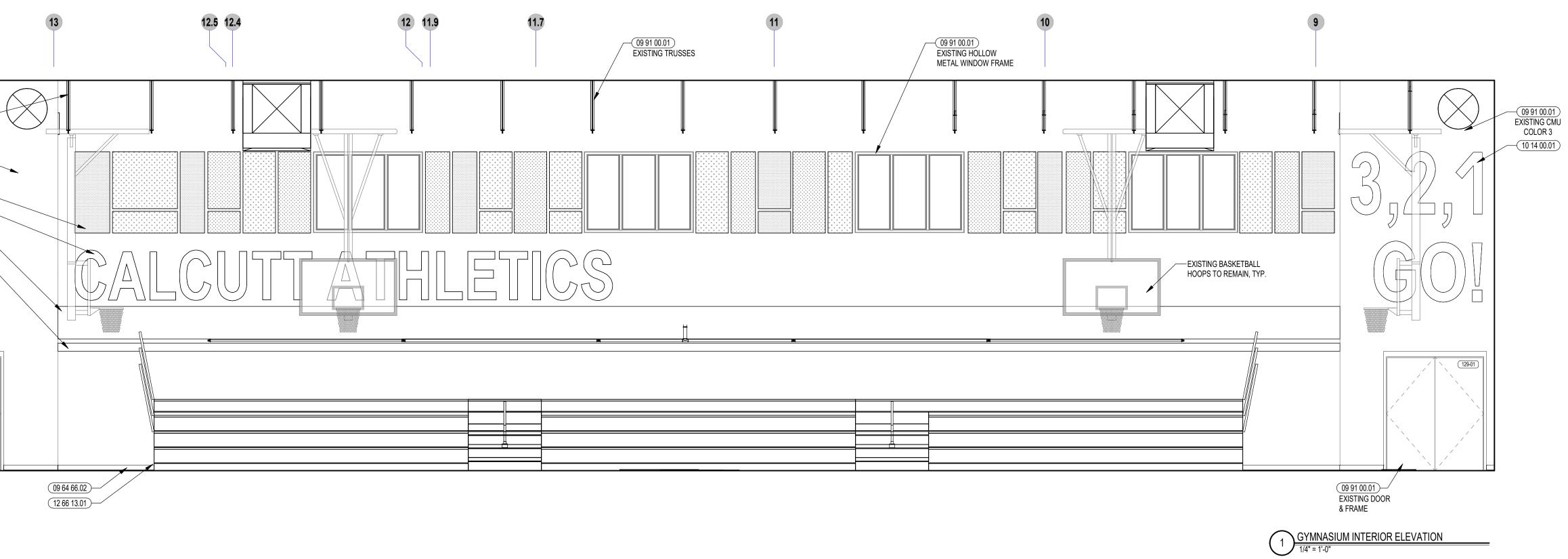












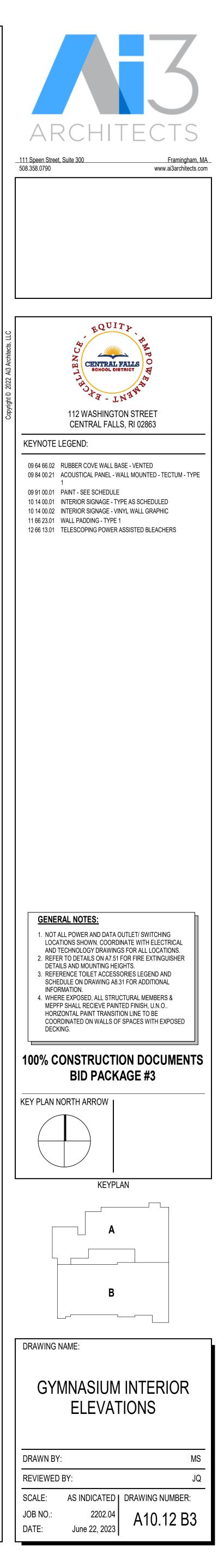


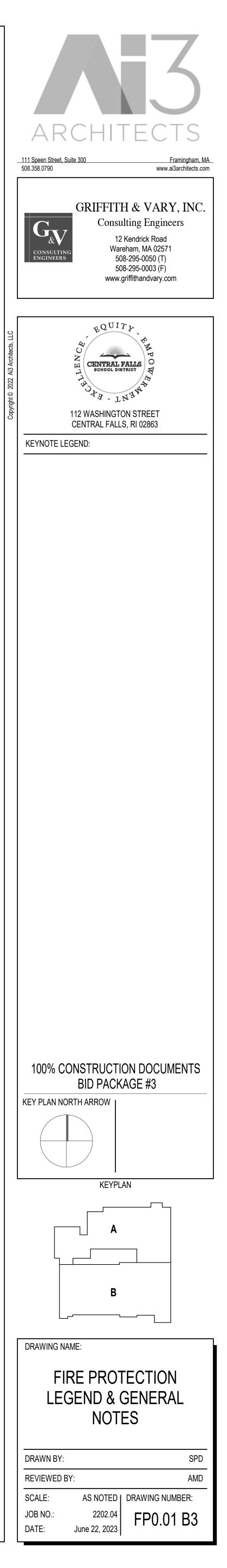
Image: state of the state		GENERAL		DEVICES		ABB	REVIATIONS	
International and a standard Control and a standard Contro and a standard Control and a stan	X X —	EXISTING PIPING TO BE REMOVED			AFF			GYPSUM WALL BOARD
Procession as consists Procession as co			\bigcirc	DRY ALARM VALVE ASSEMBLY	AFG	ABOVE FINISH GRADE	HMR	HYDRAULICALLY MOST REMOTE
Prof. No.61 (FP) OP APPA NO.61 (SAMP) OP NO.68 (SAMP) OP NO.68 (SAMP) 1 C C CALL C CALL C CALL C CALL C CALL C C CALL C				PREACTION ALARM VALVE ASSEMBLY	AP	ACCESS PANEL	INV	INVERT
Cite Other: To base the descent of t					AC	ABOVE CEILING	JP	JOCKEY PUMP
NIC Product NAL Diff Product NAL Diff Diff <thd< td=""><td></td><td></td><td></td><td>WET ALARM VALVE ASSEMBLY</td><td></td><td></td><td></td><td></td></thd<>				WET ALARM VALVE ASSEMBLY				
M			#	KEYNOTE TAG				
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3 10^{4} $1000000000000000000000000000000000000$				SIGNALING DEVICES				
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Image: Market			FS					
0 1 1 0			Ч 	FS FLOW SWITCH				
Image: state in the state is the state i			Ŷ	PRESSURE GAUGE			NIC	NOT IN CONTRACT
SYSTEMS SYSTEMS OP PO			TS P	TS TAMPER SWITCH		DIAMETER	PA	PRE-ACTION
SYSTEMS SYSTEMS ECH INCREMINE RELIDENT RECO ECH INCREMINE RELIDENT RECONTROP RECONTRO	Ŧ				DWG	DRAWING	PIV	POST INDICATING VALVE
Image: stand in the index in the index inde		<u>evetene</u>			EA EA	EACH	POS	PROVIDED UNER OTHER SECTION
isian initial sind isian i		STSTEMS		SPRINKLERS	ECC	ECCENTRIC REDUCER	SCH	SCHEDULE
Professional manufacture	— F —	BURIED FIRE SERVICE		<u>CONCEALED SPRINKLER HEAD</u>				
SIAU TY EEU D_ DSTING SPRINGER (NO ESAMA DEBRING SPRINGER (SERVICE) DIE BRING ENAMA ENSING SPRINGER (SERVICE) DIE BRING ENAMA SILU SPRINGER SIL	— F —				ELEC			
HURY Ber STRAUM AND/OR STRAUMPTON MODER STRAUMPTON AND/OR STRAUMPTON MODER STRAUMPTON AND/OR STRAUMPTON AND/								
Ind Ind Ind Ind Ind STR STR SPR WET SPRNACR MET SPRNACR FFE INSTITUTIONAL SPRNACLER FFE INSTITUTIONAL SPRNACLER TH ISSI Institutional SPRNACLER SPR PA1 PREACTON SPRNACLER MILTIONAL SPRNACLER HIL NOOL TOO TOO TOO TOO TOO SPRSER SPR PA1 DRY SPRNACLER OP PREACTON SPRNACLER HIL NOOL TOO	F(DRY) —	DRY DISTRIBUTION AND/OR STANDPIPE FEED	~ ∟ xo					
in instantiation in the instant of	- FDC	FIRE DEPARTMENT INLET CONNECTION	Φ					
- Princh	— SPR —	WET SPRINKLER	×	INSTITUTIONAL SIDEWALL SPRINKLER				
Prive UNT SHRAKLER Prive Prive Prive	— SPR(PA) ————	PREACTION SPRINKLER	♦	INSTITUTIONAL SPRINKLER HEAD				
SP0 SP0 SPR0V SPR0V SPR0V GALV GALV GALV GALV GALV MULESS UNU<	- SPR(DRY)		•	PENDENT SPRINKLER				
Iff (FIRE DURP) TEST HEADLER GC GENERAL CONTRACTOR UN VALUE 0 SEMIRECESSED SPRINCLER GPH GALLONS PER HOUR WN WITH 1 0 SIDEWALL SPRINCLER GPH GALLONS PER HOUR WN WITH 1 0 UPRIGHT SPRINCLER GPH GALLONS PER HOUR WN WITH 1 0 UPRIGHT SPRINCLER GPH GALLONS PER MINUTE WN WITH 1 0 UPRIGHT SPRINCLER GPH GALLONS PER MINUTE WN WITH 1 0 UPRIGHT SPRINCLER WICKGE GPH GALLONS PER MINUTE WN WITH 1 0 UPRIGHT SPRINCLER WICKGE GPH GALLONS PER MINUTE WN WITH 1 0 UPRIGHT SPRINCLER WICKGE GPH GALLONS PER MINUTE WN WITH 1 DCVA DOUBLE CHECK VALVE ASSEMBLY GPH GALLONS PER MINUTE WITH HOUT 1 FPC FIRE DEPARTMENT CONNECTION STORZ GPH WINDOW WASH SPRINCLER HOUT HOUT HOUT 1 FPC FIRE DEPARTMENT VALVE GPH WINDOW WASH SPRINCLER HOUT HOUT HOUT 1 FPC FIRE			5	PENDENT SPRINKLER (DRY SYSTEM)				
VALVES GPM GALLONS PER HOUR W WITHUT * BV BALL VALVE GPM GALLONS PER HOUR W WITHUT * BV BALL VALVE GPM GALLONS PER HOUR WO WITHUT * BV BALL VALVE GPM GALLONS PER MINUTE WO WITHUT * GPM GALLONS PER MINUTE GPM GALLONS PER MINUTE WO WITHUT * GPM GALLONS PER MINUTE GPM GALLONS PER MINUTE WO WITHUT * GPM GALLONS PER MINUTE GPM GALONS PER MINUTE WO WITHUT * GPM GALONS PER MINUTE GPM GALONS PER MINUTE WO WITHUT * GPM GALONS PER MINUTE GPM GALONS PER MINUTE WO WITHUT * GPM GALONS PER MINUTE GPM GALONS PER MINUTE WO WITHUT * GPM GALONS PER MINUTE GPM GALONS PER MINUTE GPM GALONS PER MINUTE * FDC FIRE DEPARTMENT CONNECTION SIGNESCE GPM WINDOW WASH SPRINKLER FIRE HOSE CONSINCT FIRE HOS	— тн — тн	(FIRE PUMP) TEST HEADER	()	PENDENT SPRINKLER W/CAGE				
Image: Construction Image: Construction<			©				w/	
Image: Top Set in the set i		VALVES	<		GPM	GALLONS PER MINUTE	W/O	
CV CV <th< td=""><td> BV</td><td>BALL VALVE</td><td>•</td><td></td><td></td><td></td><td></td><td></td></th<>	BV	BALL VALVE	•					
Image: Source of the Let Abdunde I free Department Connection siemese Image: Source of the Department Connection siemese Image: Fire Department Connection storz Image: Fire Department Connection storz Image: Fire Department Connection storz Image: Fire Department Connection storz Image: Fire Department Connection storz Image: Fire Department Connection storz Image: Fire Department Value Image: Fire Department Value Image: Fire Department Value Image: Fire Department Value Image: Fire Department Value Assembly Image: Fire Department Value Assembly Image: Fire Department Value Socie Valu	cv	CHECK VALVE						
V GATE VALVE V GATE VALVE FDC FIRE DEPARTMENT CONNECTION SIEMESE III FDC III FDC V FIRE DEPARTMENT CONNECTION STORZ IIII FVC IIIII FIRE DEPARTMENT VALVE IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	- 殘i、i、陵· DCVA	DOUBLE CHECK VALVE ASSEMBLY						
Image: DDC FIRE DEPARTMENT CONNECTION STORZ Image: DDC FIRE DEPARTMENT VALVE Image: DDC FIRE DEPARTMENT VALVE Image: DDC FIRE HOSE CABINET Image: DDC FIRE HOSE CABINE	GV GV	GATE VALVE	C.	WINDOW WASH SPRINKLER				
FVC FIRE DEPARTMENT VALVE FVC FIRE HOSE CABINET FVC FIRE HOSE CABINET FVC FLOR CONTROL VALVE ASSEMBLY Stanker Supervised outside screw & yolk valve strainer	FDC	FIRE DEPARTMENT CONNECTION SIEMESE						
HC FIRE HOSE CABINET FCV FLOOR CONTROL VALVE ASSEMBLY Image: Control value assembly and the stream of the strea	I── FDC	FIRE DEPARTMENT CONNECTION STORZ						
FCV FLOOR CONTROL VALVE ASSEMBLY Image: Control valve assembly and the stream of the strea								
OS&Y SUPERVISED OUTSIDE SCREW & YOLK VALVE STRAINER								
STRAINER STRAINER	FCV	FLOOR CONTROL VALVE ASSEMBLY						
	Q OS&Y							
C VIV VALVE IN VERTICAL	1							
		VALVE IN VERTICAL						

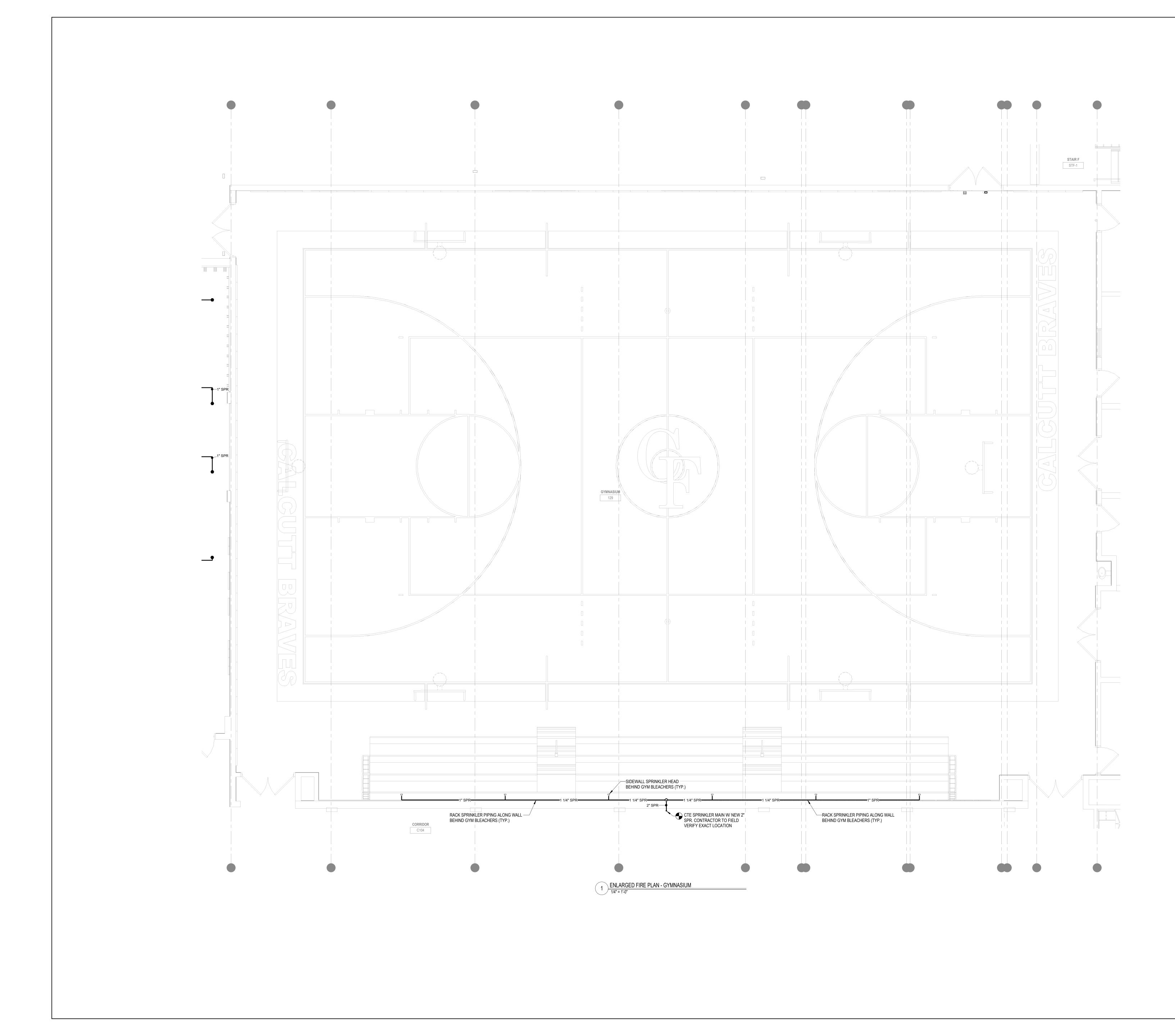
TYPICAL NOTES (APPLICABLE TO ALL DRAWINGS)

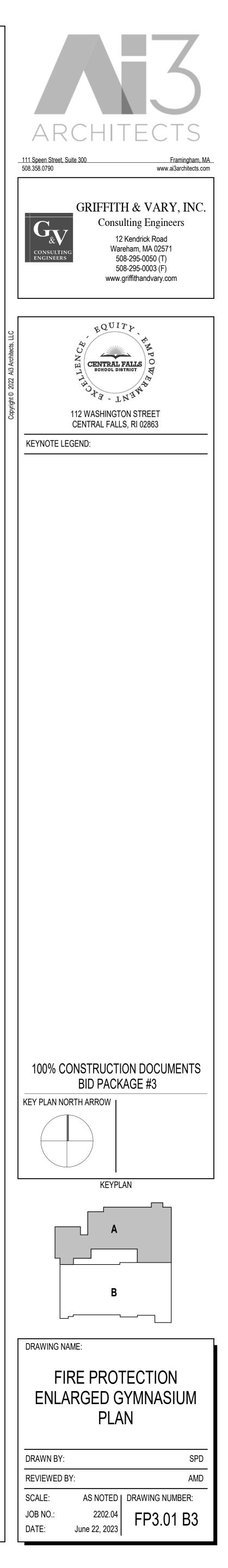
- I. ALL SPRINKLER HEADS IN 2'x4' CEILING TILES TO BE ON CENTERLINE OF 2'-O" DIMENSION AND TO BE AT 1'-O" OFF EITHER END OR IN THE EXACT CENTER OF THE 4'-O" DIMENSION.
- 2. ALL SPRINKLER HEADS IN 2'x2' CEILING TILES TO BE CENTERED IN THE EXACT CENTER OF THE TILE. 3. ALL PIPING SHALL RUN HIGH THRU THE STRUCTURE WITH OFFSETS UP OR DOWN, AS REQUIRED

MINIMUM DESIGN CRITERIA

I. ALL CLASSROOMS, HALLWAYS, OFFICES, GYMNASIUM, ETC. SHALL BE PROTECTED WITH A LIGHT HAZARD, WET SYSTEM EMPLOYING PENDANT HEADS DESIGNED TO DELIVER A MINIMUM DENSITY OF O. I O GPM/SF. OVER THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT.





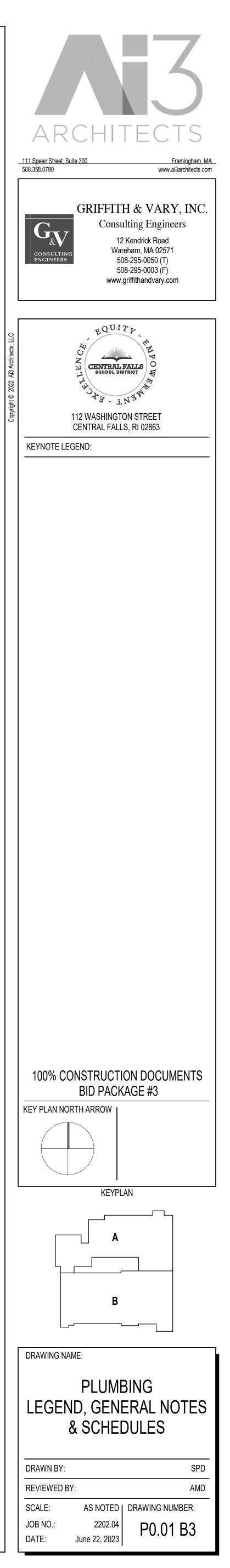


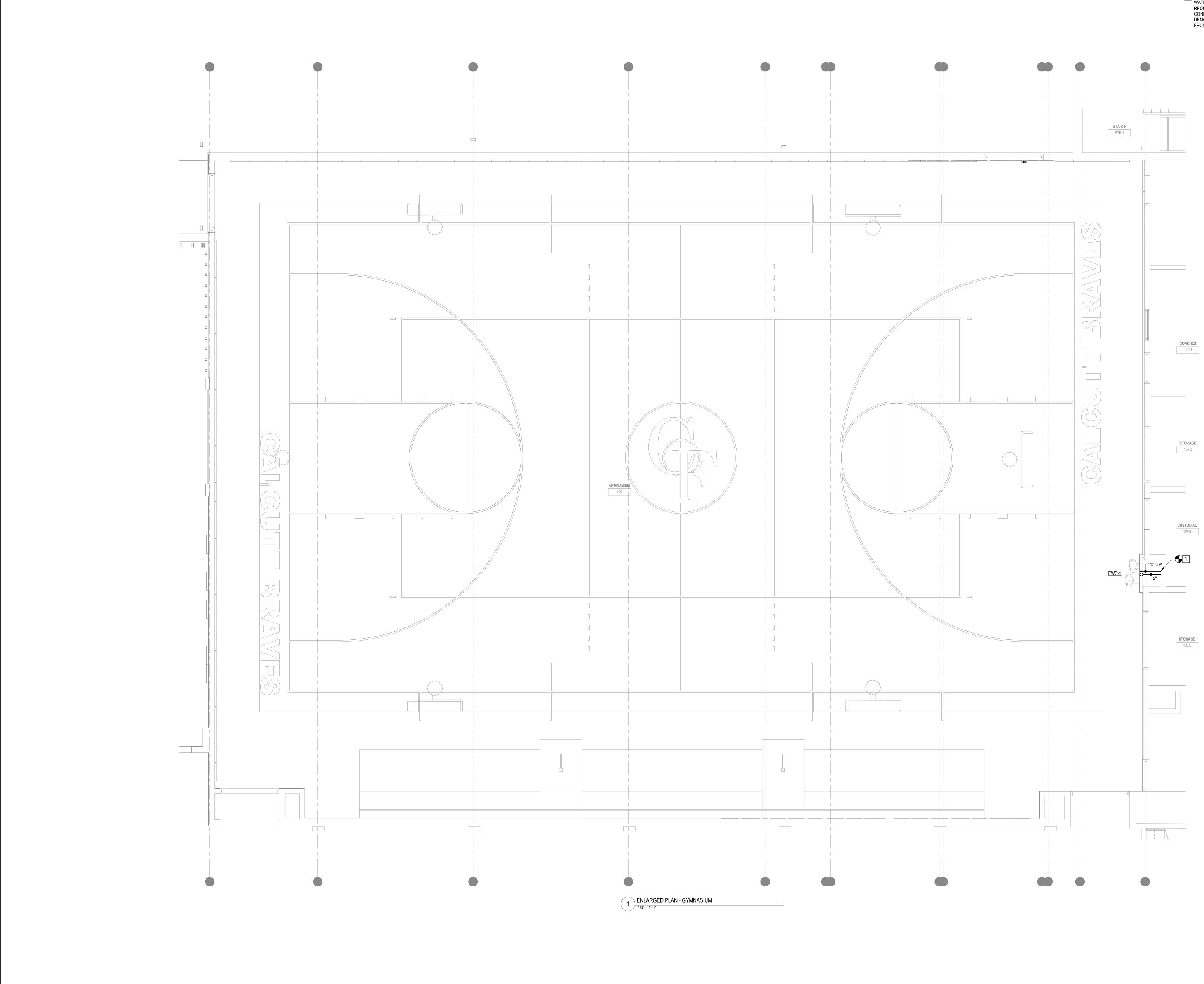
G	ENERAL	DRAINAGE	VALVES
	ING PIPING TO BE REMOVED		I∇IBALANCING VALVE
	Y LINE INDICATES NEW WORK	KW KITCHEN WASTE	BALL VALVE
LIGH	LINE INDICATES EXISTING WORK	KW KITCHEN WASTE BURIED	BALL VALVE NORMALLY CLOSED
	G INTERRUPTED OR TO BE CONTINUED		The second secon
CAP (DR END OF PIPE		BUTTERFLY VALVE
	IECT TO EXISTING	RL RAINWATER / STORM DRAIN	
		RL RAINWATER / STORM DRAIN BURIED	GAS COCK
	IL DESIGNATION TAG	LW LAB WASTE	GATE VALVE
DRAWING # P7.1		— — — — LV — — — LV LAB WASTE VENT	GATE VALVE NORMALLY CLOSED
DIRE	CTION OF SLOPE	LW LAB WASTE BURIED	MIXING VALVE (ELEVATION & PLAN)
DN ELBO	W DOWN OR DROP	EXAMPLE 2 LV EXAMPLE 2 LV LAB WASTE VENT BURIED	PRV PRESSURE REDUCING / REGULATING VALVE
	W UP OR RISE	HALF OF ALL AND AND AND AND AND AND AND AND AND AND	RPBP REDUCED PRESSURE BACKFLOW PREVENTED
FLOW	IN DIRECTION OF ARROW	——————————————————————————————————————	RPBP REDUCED PRESSURE BACKFLOW PREVENTEI
HC HANE	ICAPPED ACCESSIBLE	HALL GARAGE WASTE BURIED	(ADJUSTABLE SET TURNED UP)
	OOKING DOWN		RPBP REDUCED PRESSURE BACKFLOW PREVENTEI
TEE L	OOKING UP	———— — — — — V SANITARY VENT	(ADJUSTABLE SET TURNED DOWN)
ABBREVIA	TIONS	W SOIL / SANITARY WASTE	T&P TEMPERATURE AND PRESSURE RELIEF VALV
AC ABOVE CEILING	GPM GALLONS PER MINUTE	W SOIL / SANITARY WASTE BURIED	
AD ACCESS DOOR	GWH GAS WATER HEATER	W SOIL / SANITARY PIPING W/ HEAT TRACE	
AFF ABOVE FINISH FLOOR	HB HOSE BIBB		ACCESSORIES
AFG ABOVE FINISH GRADE	HP HORSEPOWER		FM FLOW METER
AP ACCESS PANEL	HVAC HEAT, VENTILATION &		GH GROUND HYDRANT
ARCH ARCHITECT	AIR CONDITIONING	FCO FLOOR CLEANOUT	HB HOSE BIBB
BHP BRAKE HORSEPOWER	ID INSIDE DIAMETER	FD FLOOR DRAIN	
BT BATH TUB	INV INVERT	GCO GROUND CLEANOUT	U
BPW BED PAN WASHER	L LAVATORY	OD OVERFLOW DRAIN / SECONDARY ROOF DRAIN	PIPE GUIDE / BEAM PENETRATION
BLDG BUILDING	LS LAB SINK		PG PRESSURE GAUGE
CI CAST IRON	MAX MAXIMUM	RD ROOF DRAIN	
CFM CUBIC FEET PER MINUTE	MIN MINIMUM	or weak of the second	TG TEMPERATURE GAUGE
CLNG CEILING	MSB MOP SERVICE BASIN		TP TRAP PRIMER
CLDI CEMENT LINED DUCTILE IRON	N/A NOT APPLICABLE	GAS	
CP CHROME PLATED	NC NORMALLY CLOSED	CA COMPRESSED AIR	VB VACUUM BREAKER
CS CUP SINK	NO NORMALLY OPEN	CA COMPRESSED AIR	WH WALL HYDRANT
DIA DIAMETER	NTS NOT TO SCALE	WATER	WHA WATER HAMMER ARRESTOR / SHOCK ABSOR
DWG DRAWING	NIC NOT IN CONTRACT		WATER PROOF PIPE SLEEVE
DF DRINKING FOUNTAIN	OD OUTSIDE DIAMETER	140°F 140°FHW 140° HOT WATER	
EFF EFFICIENCY	ORD OVERFLOW ROOF DRAIN		
EL ELEVATION	PC PLUMBING CONTRACTOR	CW COLD WATER	
EWC ELECTRIC WATER COOLER	POS PROVIDED UNDER OTHER SECTION	CW - WD CW - WD COLD WATER - WASHDOWN	
EW EMERGENCY EYE WASH	RPM REVOLUTIONS PER MINUTE	HW HOT WATER	
ES EMERGENCY SHOWER	SC SITE CONTRACTOR	HWR HWR HOT WATER RETURN	
EWH ELECTRIC WATER HEATER	SH SHOWER	TP TRAP PRIMER	
ETBR EXISTING TO BE REMOVED	SK SINK	EW EMERGENCY WATER W/ HEAT TRACE	
ETR EXISTING TO REMAIN	SPEC SPECIFICATION	NPCW NON POTABLE COLD WATER	
FFE FINISH FLOOR ELEVATION	ST. ST. STAINLESS STEEL	NPHW NPHW NON POTABLE HOT WATER	
FH FUME HOOD	SF SQUARE FEET	NPHWR NPHWR NON POTABLE HOT WATER RETURN	
FLR FLOOR	SWH STEAM WATER HEATER	HPHWS HPHWS HEAT PUMP HOT WATER - SUPPLY	
FT FOOT	TYP TYPICAL	HPHWR HPHWR HPHWR HEAT PUMP HOT WATER - RETURN	
FRS FLUSHING RIM SERVICE SINK	UR URINAL		
GALV GALVANIZED	WC WATER CLOSET		
GC GENERAL CONTRACTOR			

1 SYMBOLS WITHIN LEGEND FOR REFERENCE ONLY. ALL SYMBOLS SHOWN MAY NOT BE APPLICABLE TO PROJECT.

TAG	DESCRIPTION	FIXTUR	E		WATER SUPPLY				APPURTE	ENANCES			WASTE & TRAP	CARRIER			CO	NNECTION	I SIZE				AD	DA	REMAR	/S	
TAG	DESCRIPTION	MANUFACTURER	MODEL	MANUFACTURER	MODEL NO	SUPPLY	MANUFACTURER	MODEL NO	TYPE	MANUFACTURER	MODEL NO	TYPE		CARRIER	WASTE VENT H	IOT CO	LD TW	NPCW	NPHW	IW	LW	LV	KW ME	ET	REIMAR	N 3	
<u>EWC-1</u>	ELECTRIC WATER COOLER	HALSEY TAYLOR	HTHB-OVLSER-I				HALSEY TAYLOR	55898C	REPLACEMENT FILTER						2" 2" -	1/2							Y	(
==																											
	LL PLUMBING FIXTURES THAT ARE REFER TO ARCHITECTURAL DRAWIN REFER TO ARCHITECTURAL EQUIPM CONTRACTOR TO PROVIDE SOLID II	NGS FOR EXACT LOCATIONS AND MENT SCHEDULE FOR ADDITIONAL	MOUNTING HEIGHTS. LINFORMATION.	S, MASS, ARCHITECTURAL BARF	RIERS BOARD (MAAB).																						

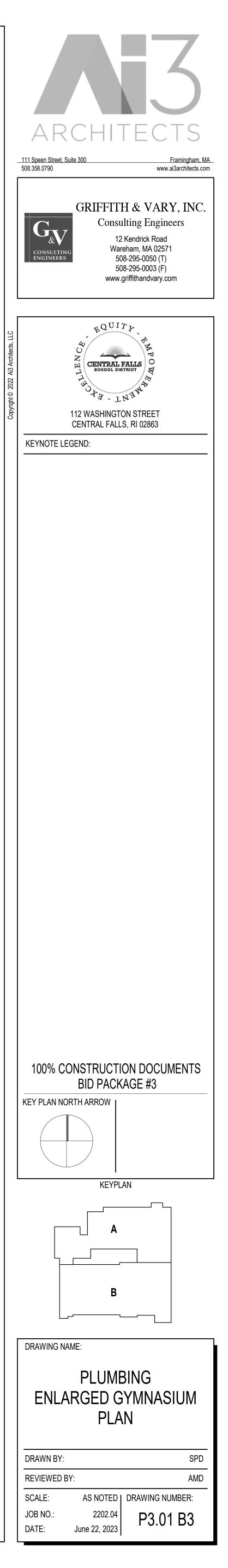
PLUMBING FIXTURE SCHEDULE

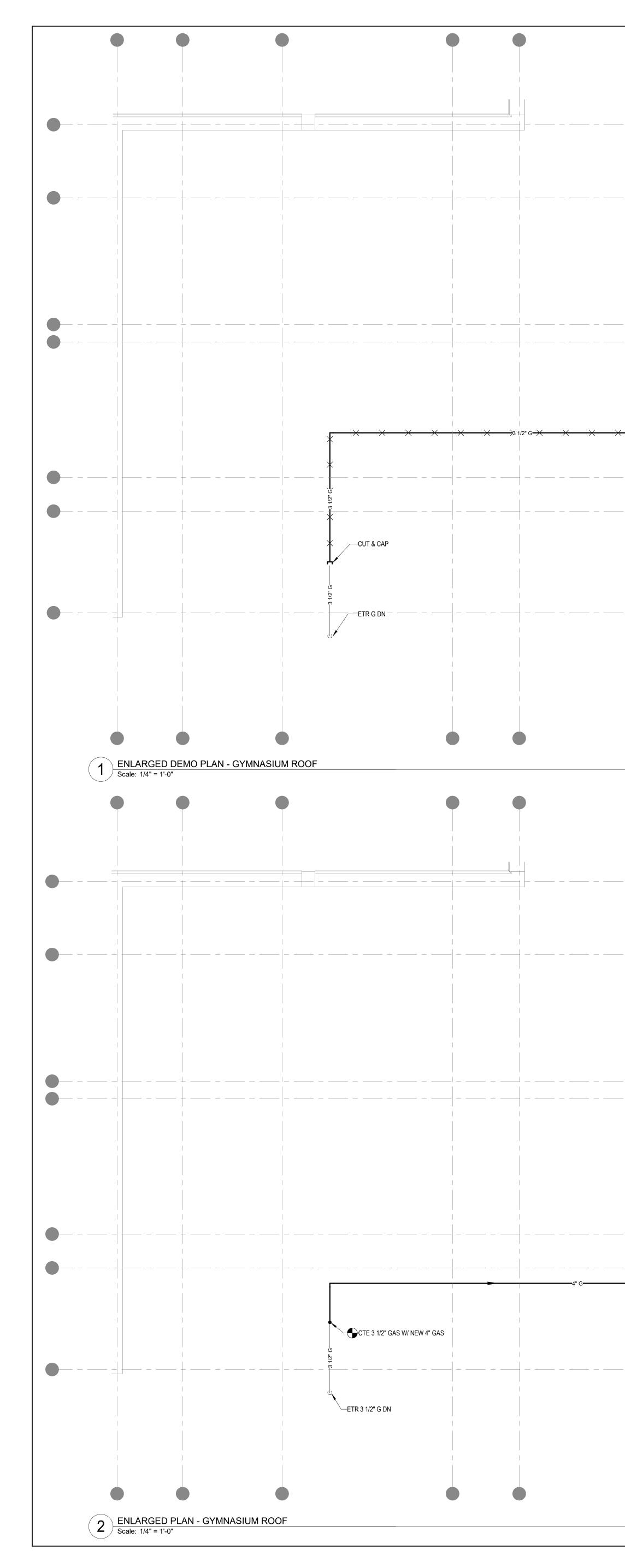




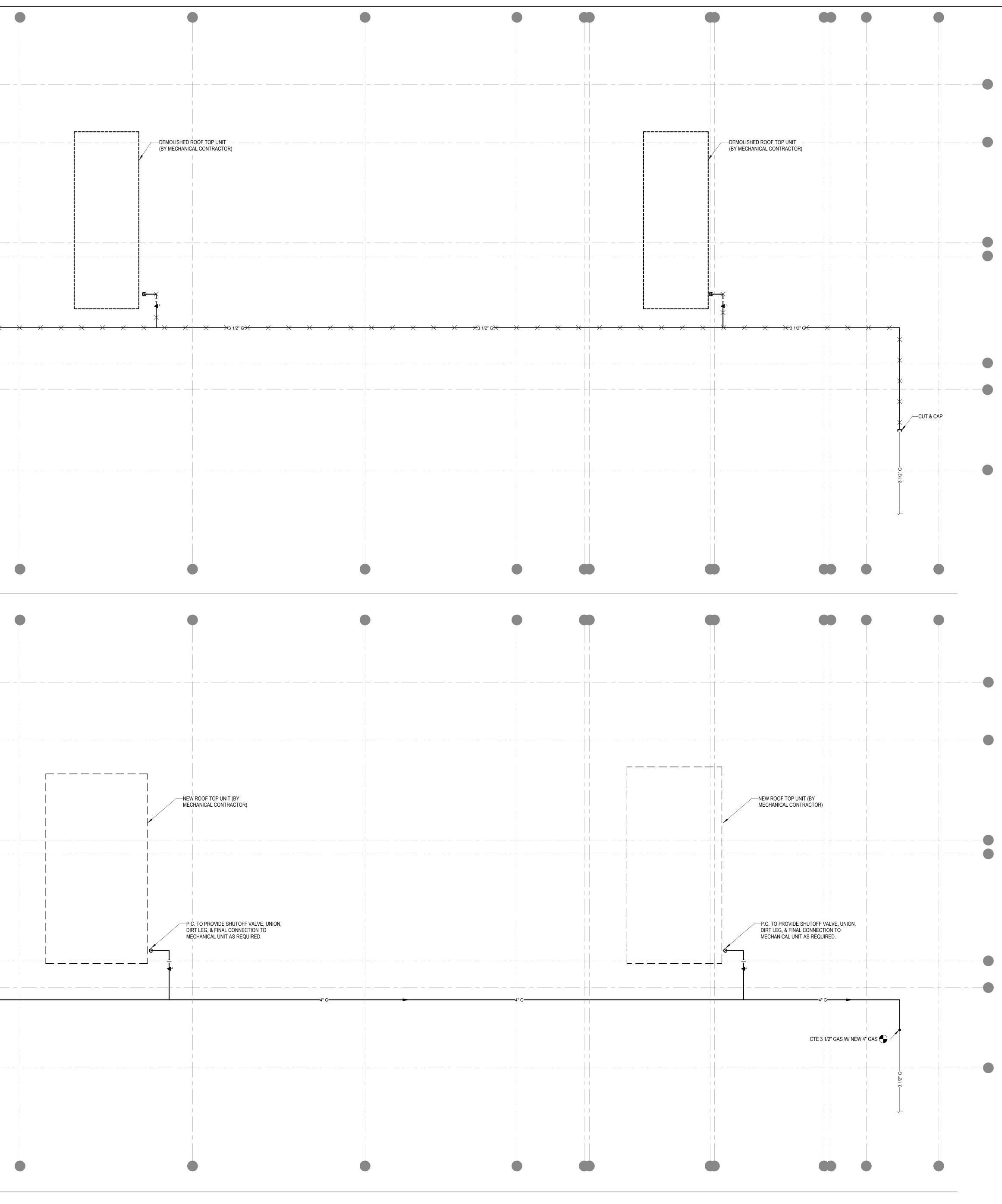
KEYED NOTES

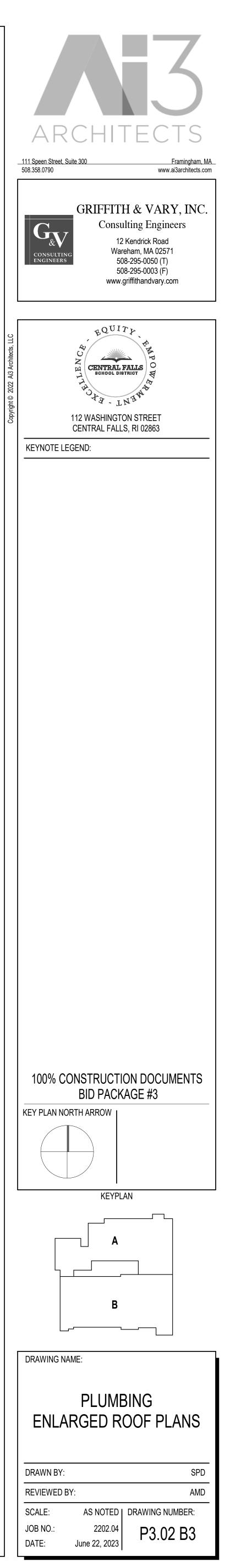
1 EXISTING WATER COOLER TO BE DEMOLISHED. MODIFY EXISTING WATER, WASTE & VENT PIPING FOR RECONNECTION AS REQUIRED. PROVIDE NEW ELECTRIC WATER COOLER <u>EWC-1</u>. CONNECT TO & EXTEND EXISTING WATER & WASTE PIPING FROM DEMOLISHED WATER COOLER. REUSE EXISTING VENT PIPING FROM DEMOLISHED WATER COOLER.





				
- 		DEMOLISHED ROOF TOP UNIT (BY MECHANICAL CONTRACTOR)		
				I
		× ¥ ↓		
<××	— <u>* * *</u> * *	→ → → → → → → → → → → → → → → → → → →	XXX XXXXX	→ <u>× × × ×</u> 3 1/2" 0
- , -				





ABBREVIATIONS

AD	ACCESS DOOR	LAT
AFG	ABOVE FINISHED GRADE	MAX
AFF	ABOVE FINISHED FLOOR	MIN
AP	ACCESS PANEL	OA
ATC	TEMPERATURE CONTROL CONTRACTOR	PC
BDD	BACK DRAFT DAMPER	PD
CFM	CUBIC FEET PER MINUTE	R
СО	CLEAN OUT	RTU
DB	DRY BULB TEMP. DEGREES F.	S
E	EXHAUST AIR DEVICE	SA
EAT	ENTERING AIR TEMP. DEGREES F.	VFD
EC	ELECTRICAL CONTRACTOR	WB
EF	EXHAUST FAN	WMS
GC	GENERAL CONTRACTOR	
HVAC	HEATING, VENTILATING & AIR CONDITIONING CONTRACTOR	

GENERAL MECHANICAL NO APPLICABLE TO ALL DRAWINGS

- 1. THE HVAC SUBCONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE CEILING HEIGHTS WHICH SHALL BE MAINTAINED.
- 2. THE HVAC SUBCONTRACTOR SHALL INVESTIGATE AVAILABLE SPACE FOR ALL EQUIPMENT IN CEILINGS BEFORE SUBMISSION OF SHOP DRAWINGS.
- 3. HVAC SUBCONTRACTOR SHALL COORDINATE ALL DIFFUSER, REGISTER AND GRILLE LOCATIONS WITH REFLECTED CEILING PLANS, AND ANY RELOCATIONS DUE TO FIELD CONDITIONS SHALL BE APPROVED BY THE ARCHITECT AND/OR ENGINEER.
- 4. DUCT SIZES INDICATED ON THE DRAWINGS ARE TO BE NET FREE AREA. ALL DUCTWORK SHALL BE
- CONSTRUCTED, INSTALLED AND SEALED (CLASS A), PER THE LATEST SMACNA REQUIREMENTS. 5. ALL SQUARE ELBOWS AND BULLHEAD TEES SHALL HAVE TURNING VANES.
- 6. THE DUCTWORK SYSTEMS SHOWN ON THE DRAWINGS ARE SHOWN DIAGRAMMATICALLY WITHOUT EVERY OFFSET AND TRANSITION REQUIRED TO INSTALL THE WORK. OBVIOUS OFFSETS AND TRANSITIONS, AS RELATED TO HVAC, ARE SHOWN WHERE POSSIBLE WITHOUT AFFECTING THE CLARITY OF THE DRAWINGS.
- 7. ALL DUCTWORK SHALL BE RUN ABOVE THE CEILINGS UNLESS NOTED OTHERWISE.
- 8. ALL MATERIALS INSTALLED IN THIS WORK SHALL BE NEW UNLESS SPECIFICALLY NOTED FOR RE-USE.
- 9. ALL WORK PERFORMED SHALL BE GUARANTEED FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER, UNLESS SUCH DEFECTS ARE CLEARLY THE RESULT OF MISUSE OF EQUIPMENT BY PERSONS NOT UNDER THE CONTROL OF THE SUBCONTRACTOR.

													ROOI	TO F	P UI	NIT SC	HEDU	LE															
				CFM		ELE	CTRICAL D	ATA	SU	PPLY F	AN DATA	RETURI	N/EXHAL	JST FAI	n data	AMBIENT D		PRESSO	r data	FILTER DATA	GAS FURNACE HEATIN	IG DATA F	- _{XH} AM	MBIENT DATA	,		DX DA	ATA				г	
ITEM MFG'R	MODEL	SERVICE	SA	RA	OA	VOLTS P	H HZ MC	A MFS	RPM	ESP	HP BHF	P RPM	ESP	HP	BHP	DESIGN (DB/WB	QTY	. TYPE	RLA EA.	TYPE PRE/POST	MBH MBH INPUT OUTPUT EAT	LAT	FAN E HP	DESIGN OA DB/WB	EAT DB/WB [LAT DB/WB	TOT. MBH	SENS. MBH	M. FACE VEL. FPM	PD AIR	EER IPLV	/ REMARK	S
RTU-1 TRANE	OAKD300A3	GYM	8000	5500	2500	208 3	3 60 156	.6 200.0	2149	0.8	10 7.36	5 735	0.5	3	0.3	79/65	2	SCROLL	48.1	MERV-8/MERV-14	500 405 50	96.7	3	55/55	79/65 5	52.1/51.8	311.3	236.9	400	0.37			
RTU-2 TRANE	OAKD300A3	GYM	8000	5500	2500	208 3	3 60 156	.6 200.0	2149	0.8	10 7.36	5 735	0.5	3	0.3	79/65	2	SCROLL	. 48.1	MERV-8/MERV-14	500 405 50	96.7	3	55/55	79/65 5	52.1/51.8	311.3	236.9	400	0.37			

(1) ACCEPTABLE ALT. MANUFACTURERS: JOHNSON CONTROLS, CARRIER, DAIKIN

(2) PROVIDE INTEGRATED SUPPLY & EXHAUST VFD, STAINLESS STEEL FURNACE, & DIGITAL SCROLL COMPRESSORS.

		DOUBLE LINE
	LEAVING AIR TEMP. DEGREES F.	
	MAXIMUM	
	MINIMUM	
	OUTSIDE AIR	
	PLUMBING CONTRACTOR	
	PRESSURE DROP (FEET OF WATER)	
	RETURN AIR DEVICE	
	ROOF TOP UNIT	
	SUPPLY AIR DEVICE	
	SOUND ATTENUATOR	
	VARIABLE FREQUENCY DRIVE	
	WET BULB TEMP. DEGREES F.	
	WIRE MESH SCREEN	L _{VD}
Π	TES	(₍
10.	ALL EQUIPMENT TO BE INSTALLED EXPOSED IN FINISHED AREAS (REGISTERS, GRILLES, DIFFUSERS,	
	ETC.) SHALL BE LOCATED AS INDICATED ON THE ARCHITECTURAL DRAWINGS. FINAL LOCATIONS SHALL BE AS SELECTED BY THE ARCHITECT UNLESS OTHERWISE NOTED.]
11.	ALL EQUIPMENT TO BE INSTALLED EXPOSED IN FINISHED AREAS (REGISTERS, GRILLES, DIFFUSERS, ETC.) SHALL HAVE COLORS SELECTED BY THE ARCHITECT UNLESS OTHERWISE NOTED.	
12.	ALL HVAC EQUIPMENT SHALL BE INSTALLED, COORDINATED WITH ALL TRADES, IN SUCH A WAY SO THAT LIGHTS, CONDUITS, SPRINKLERS, SUPPLY AND/OR DRAIN PIPING DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.	
13.		
14.	UNDERCUT DOORS AND DOOR LOUVERS ARE BY THE GENERAL CONTRACTOR.	
15.	HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHEETMETAL TRANSITIONS AT AIR TERMINAL UNITS, FANS, COILS AND OTHER SIMILAR HVAC EQUIPMENT.	

DAAF TAD UNIT COUEDULE

						SOU	ND ATT	ENUATO)R	SCH	EDL	JLE					
				TOTAL	FACE	FACE	SILENCER	P.D. WITH		DYNA	AMIC	INSEF	RTION	LOSS	S Hz	-	
ITEM	MFG'R	MODEL	CFM	LENGTH FT.	DIMENSIONS W X H		P.D. IN. W.G.	SYSTEM EFFECT	63	125	250	500	1K	2K	4K	8K	REMARKS
SA-1	KINETICS	10KCRS-F/3	8000	5'-0"	36x36	888	0.29	-	8	8	20	36	51	45	18	9	
SA-2	KINETICS	10KCRS-F/3	8000	5'-0"	36x36	888	0.29	-	8	8	20	36	51	45	18	9	
SA-3	KINETICS	12KCRS-F/3	8000	5'-0"	36x36	888	0.29	-	4	7	12	20	28	23	9	4	
SA-4	KINETICS	12KCRS-F/3	8000	5'-0"	36x36	888	0.29	-	4	7	12	20	28	23	9	4	

SHEE	TMETAL

DOUBLE LINE	
	SUPPLY AIR DUCT TURN TOWARD

_____ SUPPLY AIR DUCT TURN AWAY

_____ RETURN / EXH. AIR DUCT TURN TOWARD _____

RETURN / EXH. DUCT _____ TURN AWAY _____

_____ VOLUME DAMPER L VD

_____ BRANCH TAKE OFF

DUCT W/ 1" ACOUSTICAL LINER

_____ DUCT ELBOW W/ TURNING VANES

`|||||| FLEXIBLE DUCT

S

┥┝─── GRAPHIC BREAK &/OR CONTINUATION OF DUCT OR PIPING ┥┝───

_____ SUPPLY DIFFUSER OR GRILLE _____

RETURN/EXHAUST REGISTER OR GRILLE _____

DUCT MOUNTED SMOKE DETECTOR _____ FURNISHED AND WIRED BY ELEC. CONT'R. INSTALLED BY MECHANICAL CONTRACTOR

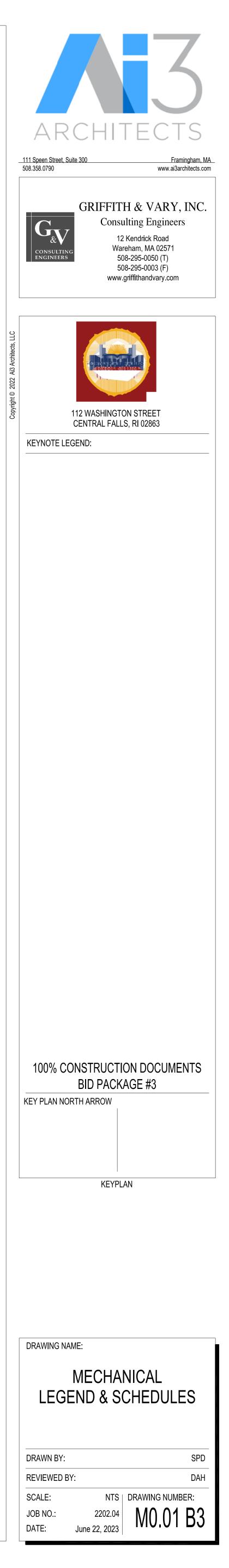


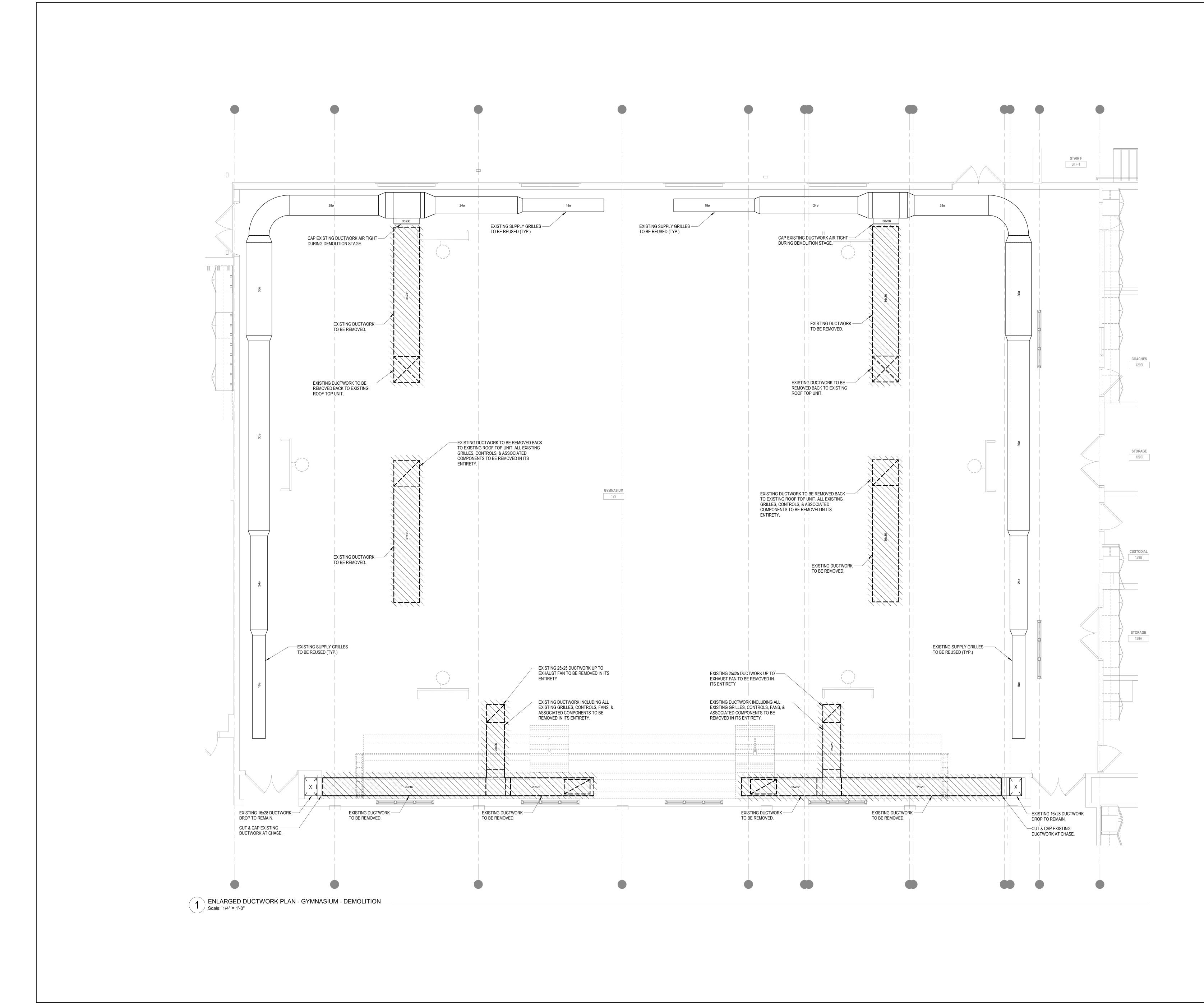
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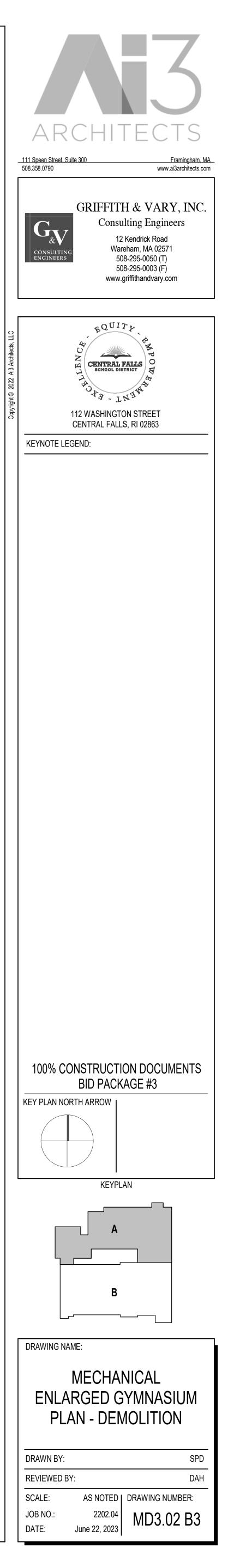
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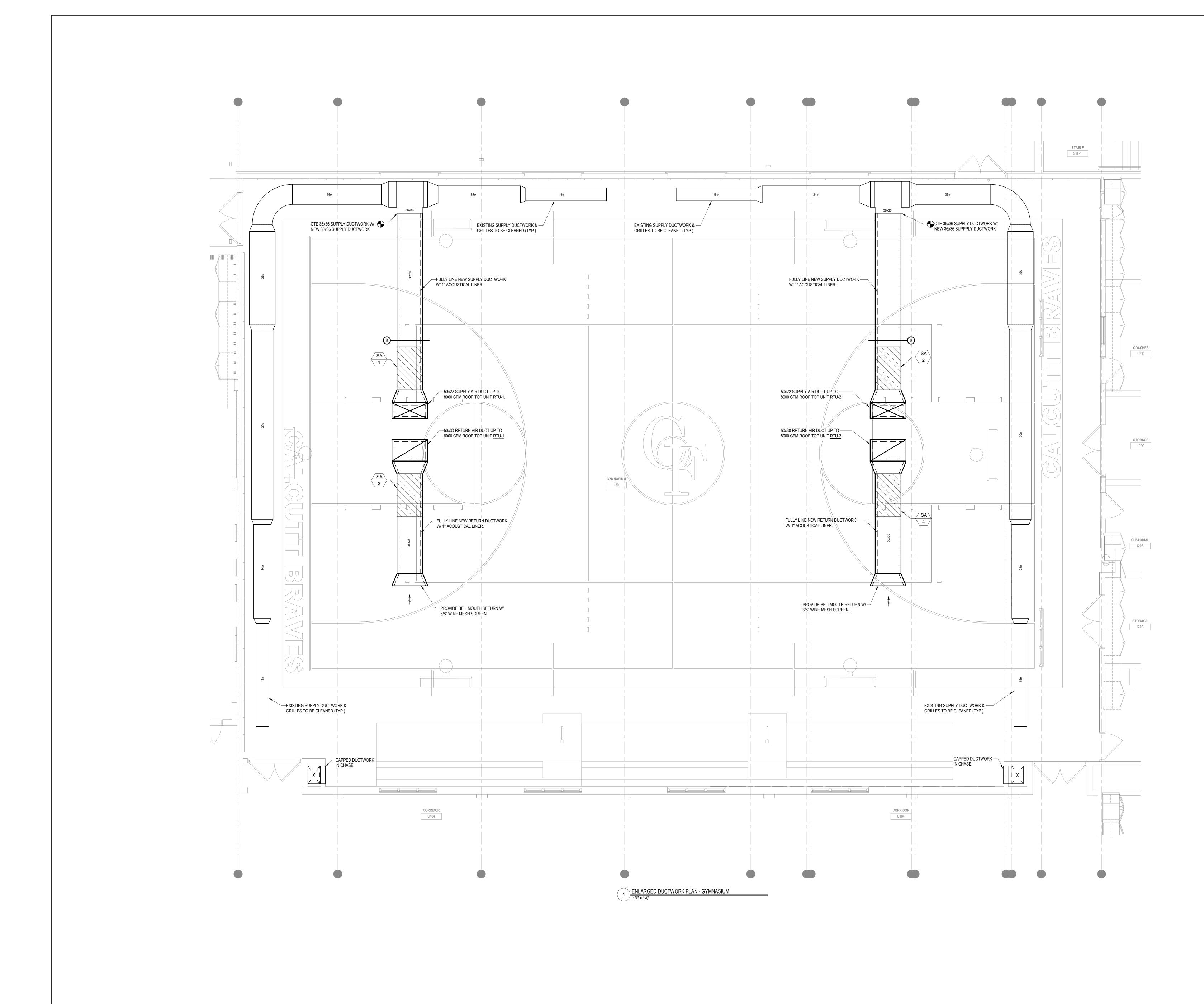
EQUIPMENT DESIGNATION

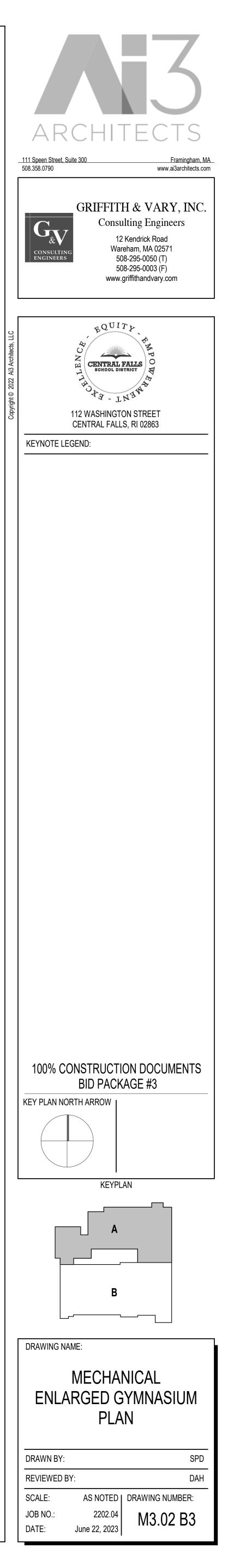
RECTANGULAR DUCTWORK SIZE

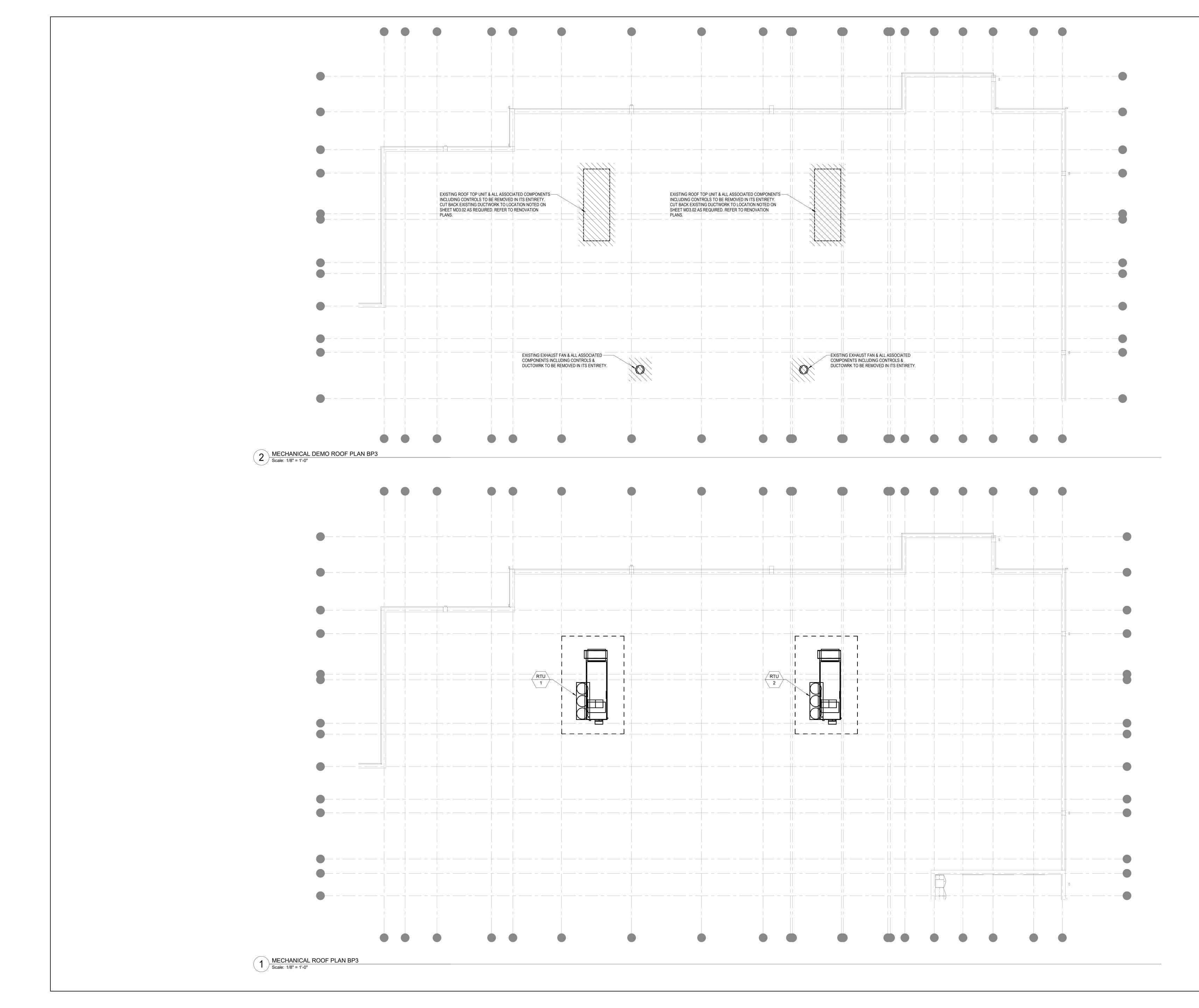


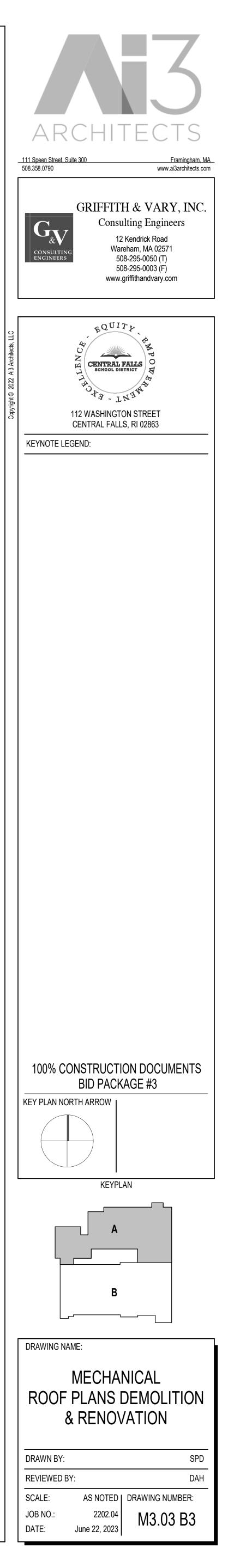




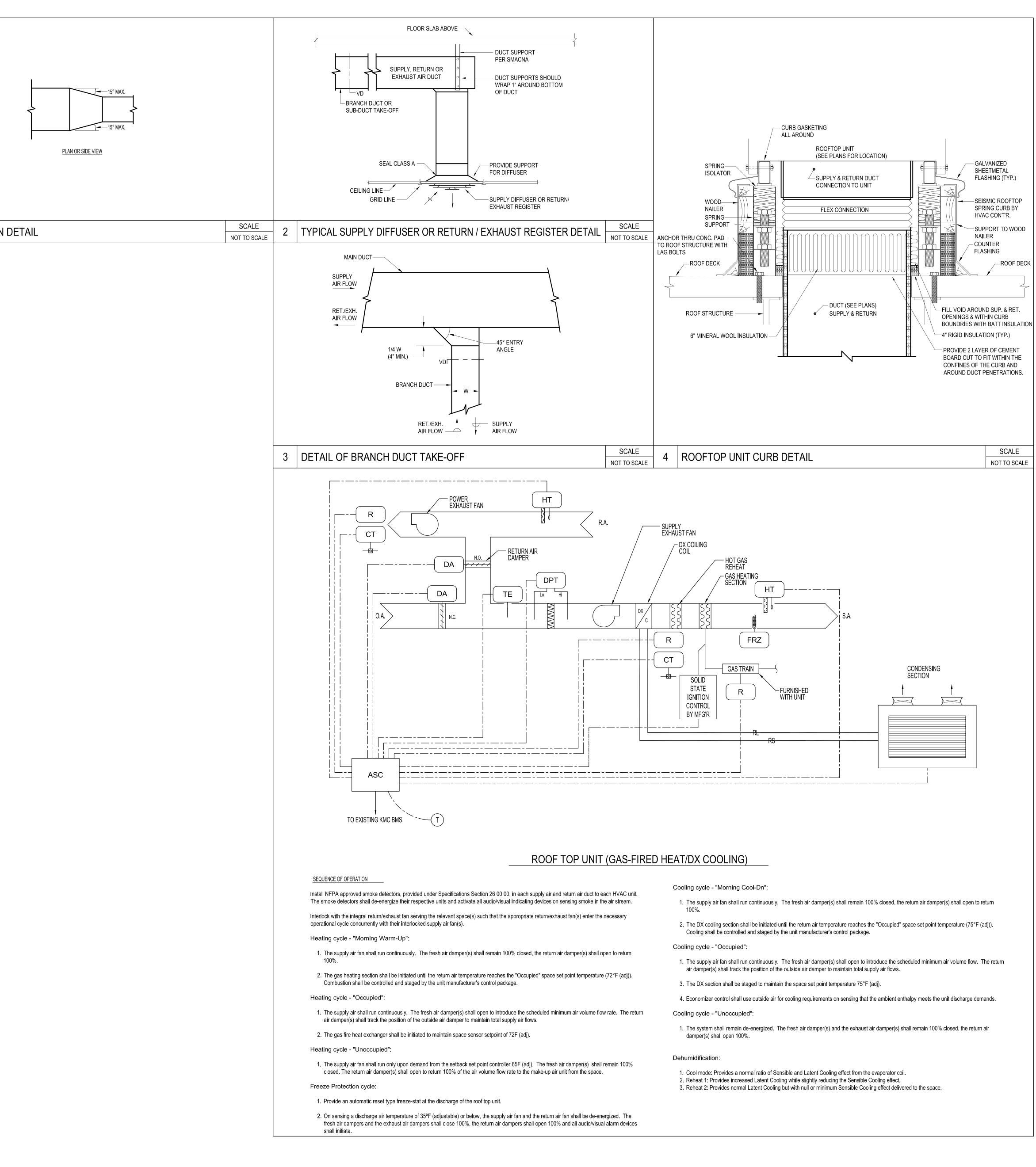


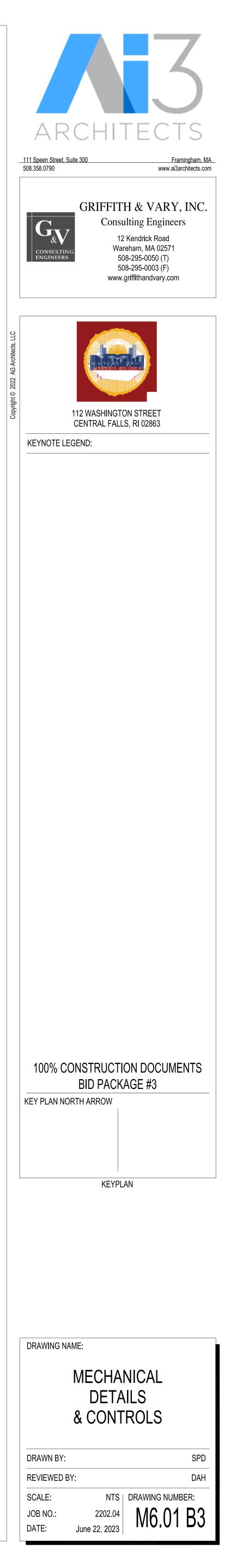






DUCT TRANSITION DETAIL





	<u>GHTING:</u> GHT FIXTURE (LUMINAIRE) AND OUTLET ON NORMAL CIRCUIT.	\# ● ●	GROUND FAULT CIRCUIT INTERRUPTING TRIPLEX RECEPTACLE. TRIPLEX RECEPTACLE. DUPLEX RECEPTACLE WITH ONE HALF SWITCHED. SUBSCRIPT INDICATES SWITCH CONTROL.	STS H	FIRE ALARM KEYED REMOTE TEST STATION FOR BEAM SMOKE DETECTOR, WALL MOUNTED AT 48" A.F.F. IN CORRIDOR BELOW BEAM SMOKE DETECTOR. FIRE ALARM COMBINATION RATE OF RISE AND ONE HUNDRED THIRTY FIVE DEGREE TO ONE HUNDRED FORTY DEGREE FIXED TEMPERATURE HEAT DETECTOR. "FT" INDICATES FIXED ONE HUNDRED NINETY DEGREE TO TWO HUNDRED DEGREE TEMPERATURE, "AC" INDICATES	EF P	<u>MECHANICAL EQUIPMENT (REQUI</u> EXHAUST FAN PUMP
]		U2 U4	2 USB CHARGERS WITH DUPLEX RECEPTACLE. 4 USB CHARGER RECEPTACLE.	WE	ABOVE CEILING. WEATHERPROOF AND EXPLOSION PROOF HEAT DETECTOR.		CABINET UNIT HEATER HORIZONTAL UNIT HEATER
_ D(OWNLIGHT FIXTURE (LUMINAIRE) AND OUTLET ON NORMAL CIRCUIT.		120V, 20A TWIST LOCK RECEPTACLE NEMA L5-20R, MOUNTED TO CABLE TRAY, ABOVE THE REAR OF THE RACK.	CO	WALL MOUNTED FIRE ALARM CARBON MONOXIDE DETECTOR. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR MOUNTING HEIGHT. PROVIDE WIRE GUARD OVER DETECTOR.	RTU	ROOF TOP UNIT
W	ALL MOUNTED LIGHT FIXTURE (LUMINAIRE) AND OUTLET ON NORMAL CIRCUIT.	Ø	120V, 20A TWIST LOCK RECEPTACLE NEMA L5-20R, WALL MOUNTED.	DS	FIRE ALARM DUCT SMOKE DETECTOR, FURNISHED AND WIRED BY ELECTRICAL SUBCONTRACTOR, INSTALLED BY HVAC SUBCONTRACTOR.	EUH	BOILER ELECTRIC UNIT HEATER
			208V, 1Ø 20A TWIST LOCK RECEPTACLE NEMA L6-20R, MOUNTED TO CABLE TRAY, ABOVE THE REAR OF THE RACK.	RTS	FIRE ALARM KEYED REMOTE TEST STATION FOR DUCT SMOKE DETECTOR, WALL MOUNTED	ECUH	ELECTRIC CABINET UNIT HEATER
	GHT FIXTURE SYMBOLS WITH FULL SHADING ARE CONNECTED TO EMERGENCY/LIFE AFETY CIRCUIT.	Ø	208V, 1Ø 20A TWIST LOCK RECEPTACLE NEMA L6-20R, WALL MOUNTED.	DH	AT 48" A.F.F. IN CORRIDOR BELOW DUCT SMOKE DETECTOR. FIRE ALARM DOOR HOLDER (WALL MOUNTED).	СН	CHILLER
	GHT FIXTURE SYMBOLS WITH HALF SHADING ARE CONNECTED TO CRITICAL CIRCUIT. RACK WITH TRACK HEAD LIGHT FIXTURES (LUMINAIRES). REFER TO PLANS FOR LENGTH OF		208V, 3Ø 20A TWIST LOCK RECEPTACLE NEMA L21-20R, MOUNTED TO CABLE TRAY, ABOVE THE REAR OF THE RACK.	Image: Construction of the second sec	FIRE ALARM DOOR HOLDER (FLOOR MOUNTED).		COOLING TOWER
TF	RACK AND NUMBER OF TRACK HEAD LIGHT FIXTURES ON THE TRACK.	(208V, 3Ø 20A TWIST LOCK RECEPTACLE NEMA L21-20R, WALL MOUNTED.	Ê	WALL MOUNTED FIRE ALARM MASTER BOX.		DUCTLESS FAN COIL
DI	INGLE FACE EXIT SIGN WITH OUTLET AND ARROWS AS INDICATED ON PLAN. "E" ESIGNATION INDICATES TOP OF EXIT SIGN TO BE AT 18" A.F.F. "H" DESIGNATION INDICATES ANDICAP TYPE EXIT SIGN.	CR	WHITE CORD REEL, WITH 12/3, 45' SJEO CORD, AND BLACK PORTABLE OUTLET BOX WITH TWO DUPLEX RECEPTACLES ON END. PROVIDE SINGLE RECEPTACLE ON CEILING AT CORD REEL LOCATION FOR PLUGGING IN CORD REEL.	R A	WALL MOUNTED FIRE ALARM RADIO MASTER BOX. FIRE ALARM RADIO MASTER BOX ANTENNA, MOUNT AT HIGHEST POINT ON BUILDING	CU	CONDENSING UNIT
, ,	UAL FACE EXIT SIGN WITH OUTLET AND ARROWS AS INDICATED ON PLAN.	$\mathbf{\nabla} \mathbf{\Phi} \mathbf{\nabla}$	FLUSH MOUNTED FLOOR BOX WITH RECEPTACLES AND TECHNOLOGY OUTLETS AS INDICATED IN FLOOR BOX ON ELECTRICAL AND TECHNOLOGY DRAWINGS. PROVIDE CONDUIT	GSM	EXTERIOR. FIRE ALARM CELLULAR COMMUNICATOR.		ENERGY RECOVERY UNIT
	OMBINATION EMERGENCY BATTERY UNIT/EXIT SIGN WITH INTEGRAL EMERGENCY LIGHT EADS, WITH OUTLET.		FROM EACH INDIVIDUAL TECHNOLOGY OUTLET AS INDICATED TO ABOVE ACCESSIBLE CEILING OF ROOM WHICH FLOOR BOX IS LOCATED. COORDINATE COVER COLOR WITH	K	WALL MOUNTED FIRE ALARM KEY BOX, KNOX 3200 SERIES, TO BE INSTALLED AS PER FIRE	AHU	AIR HANDLING UNIT
) SI	INGLE FACE "NOT AN EXIT" SIGN WITH OUTLET.	▼♥₪	ARCHITECT IN FIELD. TWO HOUR RATED POKE-THRU WITH RECEPTACLES AND TECHNOLOGY OUTLETS AS	σ	DEPARTMENT REQUIREMENTS. FIRE ALARM REMOTE INDICATOR LED, MOUNTED 6" ABOVE DOOR TO BOTTOM.	FC	FAN COIL UNIT
	EMOTE SINGLE EMERGENCY LIGHT HEAD. EMOTE DUAL EMERGENCY LIGHT HEADS.	<u>) </u>	INDICATED IN POKE-THRU ON ELECTRICAL AND TECHNOLOGY DRAWINGS. PROVIDE CONDUIT FROM EACH INDIVIDUAL TECHNOLOGY OUTLET AS INDICATED TO ABOVE ACCESSIBLE CEILING OF ROOM WHICH POKE-THRU IS LOCATED. COORDINATE COVER COLOR WITH	TS	FIRE ALARM TAMPER SWITCH, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	ТВ	TERMINAL BOX PUBLIC SAFETY SIGNAL BOOSTER
	MERGENCY BATTERY UNIT WITH INTEGRAL LIGHT HEADS.	_	ARCHITECT IN FIELD.	FS	FIRE ALARM FLOW SWITCH, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED BY	BDA	WALL MOUNTED BIDIRECTIONAL A
	GHTING CONTROL:		FLUSH MOUNTED FLOOR BOX EQUAL TO WIREMOLD FLUSH FURNITURE FEED SERIES. PROVIDE WITH FURNITURE FEED POWER WHIP FOR CONNECTION TO PRE-WIRED FURNITURE.	PS	ELECTRICAL SUBCONTRACTOR. FIRE ALARM PRESSURE SWITCH, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED	BDM	WALL MOUNTED BIDIRECTIONAL A
	INGLE POLE SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT XTURE CONTROL.	下 、	FIRE RATED POKE-THRU EQUAL TO WIREMOLD FLUSH FURNITURE FEED SERIES. PROVIDE WITH FURNITURE FEED POWER WHIP FOR CONNECTION TO PRE-WIRED FURNITURE.	PIV	BY ELECTRICAL SUBCONTRACTOR. FIRE ALARM POST INDICATING VALVE, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR,	Y	DIRECTIONAL YAGI ANTENNA. BIDIRECTIONAL AMPLIFIER CABLE
ч	HREE WAY SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT XTURE CONTROL.	P~	JUNCTION BOX IN WALL WITH COVER AND POWER WHIP FOR CONNECTION TO PRE-WIRED FURNITURE.		WIRED BY ELECTRICAL SUBCONTRACTOR.	— BDA— XM XM X	EXISTING ELECTRICAL LEGEND:
	OUR WAY SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE ONTROL.		SURFACE METAL RACEWAY, EQUAL TO WIREMOLD SERIES 3000. PROVIDE WITH		FIRE ALARM ADDRESSABLE CONTROL RELAY MODULE.		M ☐ EXISTING ELECTRICAL EQUIPMEN [™]
a DI	IMMER SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE		RECEPTACLES AS INDICATED ON PLANS WITH ACCESSORIES (ELBOWS, COVERS, COUPLINGS, ETC.) FOR A CONTINUOUS, COMPLETE INSTALLATION. COLOR BY ARCHITECT, IVORY OR GRAY.	MR	FIRE ALARM ADDRESSABLE MONITOR MODULE.	X X X	
C	ONTROL. HREE WAY DIMMER SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES		SURFACE METAL RACEWAY, EQUAL TO WIREMOLD SERIES 4000. PROVIDE WITH RECEPTACLES AND TECHNOLOGY OUTLETS AS INDICATED ON PLANS WITH ACCESSORIES	ĪM	FIRE ALARM ADDRESSABLE ISOLATION MODULE.	ĒY¢ļ	"X" INDICATES EXISTING ELECTRIC WIRING AND CONDUIT BACK TO N
LI	GHT FIXTURE CONTROL.	-	(ELBOWS, COVERS, COUPLINGS, DIVIDERS, ETC.) FOR A CONTINUOUS, COMPLETE INSTALLATION. COLOR BY ARCHITECT, IVORY OR GRAY.	SYN	FIRE ALARM SYNCHRONIZATION MODULE.	Ř Ř Ř	"R" INDICATES EXISTING ELECTRIC
	ED PRESET, SINGLE POLE, AND THREE WAY DIMMER EQUAL TO LEGRAND #RH4FBL3PTW OUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.	ΦΦ	PLUGMOLD.	FPS 	WALL MOUNTED FIRE ALARM POWER EXPANDER UNIT FOR NOTIFICATION APPLIANCES. FIRE-O-MATIC.	~ ~ ~	EXISTING CIRCUIT SHALL BE EXTE ELECTRICAL EQUIPMENT.
	LASS 1, DIVISION 2, EXPLOSION PROOF LIGHT SWITCH.		TELEPHONE/POWER/DATA/TELEPHONE/VIDEO POLE WITH OUTLETS AND RECEPTACLES AS SPECIFIED.	DR	FIRE ALARM DRILL SWITCH, WALL MOUNTED AT 48" A.F.F. TO CENTER.	Å Å Å Å Å	N T "N" INDICATES NEW LOCATION OF
_	INGLE POLE SWITCH WITH WEATHERPROOF COVER MOUNTED AT 48" A.F.F. TO CENTER. IMECLOCK.	BCB	BLEACHER CONTROL BOX, FURNISHED WITH BLEACHERS, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE WIRING AS	MSB	WALL MOUNTED ADDRESSABLE TEXTUAL NOTIFICATION APPLIANCE (TEXT MESSAGE BOARD). VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT/ OWNER'S)
	HOTOCELL.		PER MANUFACTURER'S SPECIFICATIONS TO BLEACHERS, VIA 1"C. BLEACHER KEY SWITCH, FURNISHED WITH BLEACHERS, INSTALLED AND WIRED BY	FD	REPRESENTATIVE PRIOR TO THE START OF ANY WORK. FIRE SMOKE DAMPER, PROVIDED BY MECHANICAL SUBCONTRACTOR, WIRED BY ELECTRICAL	ġŶŸġ	"D" INDICATES EXISTING ELECTRIC CIRCUIT/WIRING AND BACK BOX S EXTEND CIRCUIT/WIRING TO NEW
1	IMMING SYSTEM ENTRY STATION.	BKS	BLEACHER KEY SWITCH, FURNISHED WITH BLEACHERS, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO BLEACHERS, VIA 1"C.,		SUBCONTRACTOR.		NOTES:
	I <u>GITAL SYSTEM:</u> INGLE BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-101,	SC	SUBSCRIPT INDICATES BLEACHER CONTROL.	FB	FIRE ALARM BELL, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.		 DOTTED SYMBOLS INDICATE EX REFER TO SPECIFICATIONS FOF ELECTRICAL SUBCONTRACTOR
M	OUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.			SH	SMOKE HATCH, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.		OF ALL EXISTING CIRCUITS WHICH 4. ELECTRICAL SUBCONTRACTOR
M	WO BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-102, OUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.	FACP	FIRE ALARM/MASS NOTIFICATION: FIRE ALARM CONTROL PANEL.	SHC	SMOKE HATCH CONTROLLER, WALL MOUNTED AT 48" A.F.F. TO CENTER, FURNISHED BY GENERAL CONTRACTOR, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR,		EQUIPMENT, WIRING, CONDUIT, ET AND FIRE PROTECTION EQUIPMEN LOCATIONS OF EQUIPMENT.
	HREE BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-103, OUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.	LOC	MASS NOTIFICATION LOCAL OPERATOR CONTROL PANEL.		ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO SMOKE HATCH, VIA 1"C., SUBSCRIPT INDICATES SMOKE HATCH CONTROL.		
	OUR BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-104, OUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.	FAA	FIRE ALARM ANNUNCIATOR PANEL.		NOTE FOR LOCAL FIRE ALARM DEVICES:		PANELBOARD:
lefgh EI	IGHT BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-108, OUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.	FA	FIRE ALARM COMBINATION HORN OR SPEAKER/STROBE, AS PER SPECIFICATIONS, WALL MOUNTED AT 80" A.F.F. TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICATES WEATHERPROOF. "WG" INDICATES WITH WIREGUARD. CANDELA RATING		INTERCONNECT ALL LOCAL FIRE ALARM DEVICES AS PER MANUFACTURER'S SPECIFICATION WITHIN EACH APARTMENT SO THAT IF ANY DEVICE INITIATES AN ALARM, ALL DEVICES IN THAT APARTMENT WILL GO INTO ALARM, WHERE APARTMENTS ARE NOT BEING COMPLETED		MAIN LUG ONLY MAIN CIRCUIT BR
a LO	DW VOLTAGE DIGITAL DIMMING SWITCH, EQUAL TO WATT STOPPER #LMDM-101, MOUNTED T 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.		SHALL BE 15, UNLESS OTHERWISE NOTED.		RENOVATED, CONNECT NEW FIRE ALARM DEVICES TO EXISTING APARTMENT LOCAL FIRE ALARM DEVICE 120V CIRCUIT OR IF NOT AVAILABLE, EXISTING UNSWITCHED 120V CIRCUIT.		FLUSH MOUNTED
a Ci S ⁻ LE	EILING MOUNTED DIGITAL PASSIVE INFRARED OCCUPANCY SENSOR, EQUAL TO WATT TOPPER #LMPC-100. MOUNT AT LEAST 6'-0" FROM A SUPPLY REGISTER. LOWER CASE ETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES. PROVIDE CAT 5e ABLE TO ROOM CONTROLLER.		FIRE ALARM / MASS NOTIFICATION ADDRESSABLE VISIBLE ONLY STROBE UNIT, WITH TWO LENSES, (CLEAR AND AMBER) AS PER SPECIFICATIONS, WALL MOUNTED AT 80" A.F.F. TO BOTTOM OF CLEAR LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICATES WEATHERPROOF, "WG" INDICATES WITH WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.	SD SC	LOCAL ONLY SELF CONTAINED SMOKE ALARM, 120V, PHOTOELECTRIC TYPE, WITH BATTERY BACKUP, INTERCONNECTABLE. LOCAL ONLY SELF CONTAINED COMBINATION SMOKE/CARBON MONOXIDE ALARM, 120V, WITH BATTERY BACKUP, INTERCONNECTABLE.		65K AIC 225A BUS AMPS RATING
a Cl a Or Sl	EILING MOUNTED DIGITAL DUAL TECHNOLOGY PASSIVE INFRARED AND ULTRASONIC CCUPANCY SENSOR, EQUAL TO WATT STOPPER #LMDC-100. MOUNT AT LEAST 6'-0" FROM A UPPLY REGISTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL		MASS NOTIFICATION ADDRESSABLE VISIBLE ONLY STROBE UNIT/SPEAKER, WITH LENS (AMBER) AS PER SPECIFICATIONS, WALL MOUNTED AT 80" A.F.F. TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICATES WEATHERPROOF, "WG" INDICATES WITH WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.	0	LOCAL ONLY SELF CONTAINED CARBON MONOXIDE ALARM, 120V, WITH BATTERY BACKUP, INTERCONNECTABLE.		CKT LOAD DE NO. 1 EXISITNG
	E 15 MINUTES. PROVIDE CAT 5e CABLE TO ROOM CONTROLLER. EILING MOUNTED DIGITAL ULTRASONIC OCCUPANCY SENSOR, EQUAL TO WATT STOPPER	S	FIRE ALARM / MASS NOTIFICATION ADDRESSABLE SPEAKER, WALL MOUNTED AT 90" A.F.F. TO TOP OR 6" BELOW CEILING WHICHEVER IS LOWER. "CLG" INDICATES MOUNTED ON CEILING.	3	LOCAL ONLY STROBE, 120V, WALL MOUNTED AT 80" A.F.F. TO CENTER, "C" INDICATES CEILING TYPE. UNLESS OTHERWISE NOTED, CANDELA RATING SHALL BE 177.		3 EXISTING 5 EXISTING
۳ #L IN	LMUC-100-2. MOUNT AT LEAST 6'-0" FROM A SUPPLY REGISTER. LOWER CASE LETTER IDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES. PROVIDE CAT 5e CABLE TO OOM CONTROLLER.	PB	MASS NOTIFICATION PANIC ALARM, PROVIDE STAINLESS STEEL MUSHROOM BUTTON LABELED "EMERGENCY", WITH A CLEAR LEXAN PLASTIC COVER TO PROTECT THE DEVICE.		POWER: SURFACE MOUNTED PANELBOARD.		7
) CI	EILING MOUNTED DIGITAL PASSIVE INFARED OCCUPANCY SENSOR WITH EXTENDED		FIRE ALARM LOW FREQUENCY AUDIO OUTPUT/VISUAL ALARM, WALL MOUNTED AT 80" A.F.F.		FLUSH MOUNTED PANELBOARD.		9 GYM POWERED
LE	EIGHT LENS (FOR HIGH CEILINGS), EQUAL TO WATT STOPPER #LMPC-100-5. MOUNT AT EAST 6'-0" FROM A SUPPLY REGISTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. IME DELAY SHALL BE15 MINUTES. PROVIDE CAT 5e CABLE TO ROOM CONTROLLER.		TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.	Т	TRANSFORMER.		
	/ALL MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR WITH INTEGRAL SWITCH, ANUAL-ON UNLESS OTHERWISE NOTED. EQUAL TO WATT STOPPER #DSW-301. MOUNTED AT	Lf	FIRE ALARM LOW FREQUENCY AUDIO OUTPUT ALARM, WALL MOUNTED AT 90" A.F.F. TO TOP OR 6" BELOW CEILING WHICHEVER IS LOWER				15 GYM POWERED
48	A.F.F. TO CENTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY HALL BE 15 MINUTES.	FD	FIRE ALARM STROBE WALL MOUNTED AT 80" A.F.F. TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICATES WEATHERPROOF, "WG" INDICATES WITH				19
M	/ALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH TWO INTEGRAL SWITCHES, ANUAL-ON UNLESS OTHERWISE NOTED. EQUAL TO WATT STOPPER #DSW-302. MOUNTED AT	È	WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED. FIRE ALARM COMBINATION HORN OR SPEAKER/STROBE, AS PER SPECIFICATIONS, MOUNTED				23 SPARE
	8" A.F.F. TO CENTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY HALL BE 15 MINUTES.	*	ON CEILING, "WP" INDICATES WEATHERPROOF, "WG" INDICATES WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.				25SPARE27SPARE
a O	ALL MOUNTED DUAL TECHNOLOGY PASSIVE INFRARED AND ULTRASONIC 0-10V DIMMING CCUPANCY SENSOR WITH TWO INTEGRAL SWITCHES, MANUAL-ON UNLESS OTHERWISE OTED FOUND TO WATT STORDED #DW 211 MOUNTED AT 48" A F F TO CENTED LOWER	Ē	FIRE ALARM STROBE MOUNTED ON CEILING, "WP" INDICATES WEATHERPROOF, "WG" INDICATES WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.				29SPARE31SPARE
C/	OTED. EQUAL TO WATT STOPPER #DW-311. MOUNTED AT 48" A.F.F. TO CENTER. LOWER ASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES.		MASS NOTIFICATION ADDRESSABLE VISIBLE ONLY STROBE UNIT, WITH LENS (AMBER) AS PER SPECIFICATIONS, CEILING MOUNTED. "WP" INDICATES WEATHERPROOF, "WG" INDICATES				33 SPARE
	/ALL MOUNTED MANUAL-ON DIGITAL TIME SWITCH, EQUAL TO WATT STOPPER #TS-400, OUNTED AT 48" A.F.F TO CENTER. TIME DELAY SHALL BE 15 MINUTES.		WITH WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.				35SPARE37SPARE
Z	EILING MOUNTED OPEN LOOP PHOTOSENSOR FOR DAY LIGHT HARVESTING UP TO THREE ONES OF DIMMING, EQUAL TO WATT STOPPER #LMLS-500. PHOTOSENSOR PLACEMENT PER	F 🗨	FIRE ALARM BEACON, WALL MOUNTED AT 80" A.F.F. OR FINISHED GRADE TO CENTER. FIRE ALARM HORN, WALL MOUNTED AT 90" A.F.F. TO TOP OR 6" BELOW CEILING WHICHEVER				39 SPARE
M. DI	ANUFACTURER'S RECOMMENDED LOCATIONS. PLACEMENT ON FLOOR PLANS IS IAGRAMMATICAL, REFER TO PHOTOSENSOR PLACEMENT DETAIL. PHOTOSENSOR ONTROLS DAY LIGHT ZONES AS INDICATED ON THE LIGHTING CONTROL DETAILS.		IS LOWER. "CLG" INDICATES MOUNTED ON CEILING.				41 SPARE
-	ONTROLS DAY LIGHT ZONES AS INDICATED ON THE LIGHTING CONTROL DETAILS.	F	FIRE ALARM PULL STATION WALL MOUNTED AT 48" A.F.F. TO CENTER. "WG" INDICATES WITH WIREGUARD.				TO NEXT DEVICE
A	LL RECEPTACLES SHALL BE MOUNTED AT 18" A.F.F. TO CENTER, UNLESS OTHERWISE OTED. THE FOLLOWING DESIGNATIONS SHALL APPLY TO ALL RECEPTACLE TYPES.	© S⊲	FIRE ALARM SMOKE DETECTOR.			4	
С	= MOUNTED AT 6" ABOVE BACK SPLASH TO BOTTOM, REFER TO ARCHITECTURAL	S S S S S	FIRE ALARM TRANSMITTER/RECIEVER BEAM SMOKE DETECTOR.				[[
CI	LEVATIONS. P = FOR CONDENSATE PUMP. MOUNT ABOVE ACCESSIBLE CEILING, SURFACE MOUNT TO TRUCTURE.	FATC	FIRE ALARM TERMINAL CABINET.			— — [F]— — — ↔ — ∠_ _{XM}	
CI IG	M = CEILING MOUNTED. G = ISOLATED GROUND.	SCP	SMOKE CONTROL PANEL.		FIRE ALARM R	SER DIAGRAM N	<u>OTES:</u>
Т	F = MOUNTED IN FURNITURE, REFER TO ARCHITECTURAL ELEVATIONS. = TABLET CHARGING STATION, MOUNTED AT 48" A.F.F. TO CENTER. /P = WEATHERPROOF.	MNCP	MASS NOTIFICATION CONTROL PANEL. MASS NOTIFICATION/FIRE ALARM TRANSPONDER PANEL.		1. ALL FIRE ALARM V NOTED.	IRING SHALL BE 2#14 IN CC	DNDUIT, UNLESS OTHERWISE
Y H	= MOUNT ADJACENT TO TECHNOLOGY OUTLET. = PROVIDED WITH HVAC EQUIPMENT, CIRCUIT AS INDICATED.	MNSPK	MASS NOTIFICATION HIGH POWER EXTERIOR SPEAKER ARRAY.		2. THIS FIRE ALARM	RISER DIAGRAM IS TYPICAL	
XI G	W = MOUNTED ON FACE OF CASEWORK; REFER TO ARCHITECTURAL ELEVATIONS. P = CLASS 1, DIVISION 2, EXPLOSION PROOF. = GOGGLE CABINET.	MNAMP	MASS NOTIFICATION HIGH POWER EXTERIOR SPEAKER ARRAY AMPLIFIER.				D ADDITIONAL REQUIREMENTS. FULLY FUNCTIONAL SYSTEM.
Р	 MOUNT ADJACENT TO PROJECTOR OUTLET. C = CONTROLLED BY DIGITAL PLUG LOAD ROOM CONTROLLER. 	IC	INCIDENT COMMANDER (SEE SPECIFICATIONS). GRAPHIC CONTROLLER.		•••••••••••••••••••••••••••••••••••••••	G SHALL BE CONTINUOUS F AND RETURN WIRING SHA	FROM DEVICE TO DEVICE. ILL RUN IN SEPERATE RACEWAYS.
					FIRE ALARM INITIA	FING DEVICES (PULL STATION	FEACH FLOOR INDICATING ALL ONS, SMOKE DETECTORS, HEAT
-	ROUND FAULT CIRCUIT INTERRUPTING DUPLEX RECEPTACLE. OUBLE DUPLEX RECEPTACLE.				ARE HERE ON FIR	T FLOOR PLAN. ORIENTATE	SWITCH, ETC.). INDICATE YOU E FLOOR PLANS ACCORDINGLY. ATORS, AND SPRINKLER ROOM.
	MERGENCY DUPLEX RECEPTACLE.				INDICATE LOCATIO DEPARTMENT HOS	N OF MASTER BOX. INDICA E VALVE CONNECTION. IND	TE VIA RED DOT FIRE DICATE FIRE PUMPER
Eľ	MERGENCY GROUND FAULT CIRCUIT INTERRUPTING DUPLEX.					APHIC FLOOR PLANS SHAL ROL PANEL AND ANNUNCIA	L BE MOUNTED ADJACENT TO TORS.
	MERGENCY DOUBLE DUPLEX RECEPTACLE.				AS SHOWN ON EL	CTRICAL DEMOLITION AND	BEING REMOVED AND RELOCATED RENOVATION PLANS AND WHERE
G	ROUND FAULT CIRCUIT INTERRUPTING DOUBLE DUPLEX RECEPTACLE.				INITIATION OR NO	IFICATION CIRCUITS, PROV	D TO EXISTING FIRE ALARM /IDE TERMINAL STRIPS TO EXTEND DCATION FROM EXISTING DEVICE

TO NEXT DEVICE -[F]_ _ _ _ _ _ _ _ _ _

- T, UNLESS OTHERWISE ER TO PLANS FOR
- TIONAL REQUIREMENTS. Y FUNCTIONAL SYSTEM.
- DEVICE TO DEVICE. N IN SEPERATE RACEWAYS.
- H FLOOR INDICATING ALL SMOKE DETECTORS, HEAT RED DOT FIRE E FIRE PUMPER MOUNTED ADJACENT TO
- REMOVED AND RELOCATED EXISTING FIRE ALARM ERMINAL STRIPS TO EXTEND ON FROM EXISTING DEVICE MPER PROOF LOCKABLE RM JUNCTION BOXES SHALL

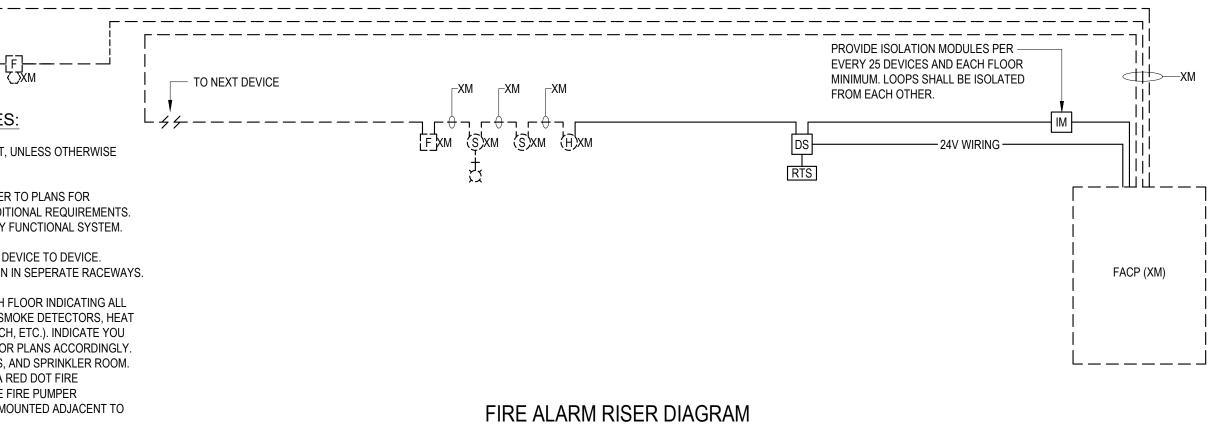
CHANICAL EQUIPMENT (REQUIRING POWER CONNECTION):	
HAUST FAN	
MP	SCHEDULE NUMBER
BINET UNIT HEATER	INDICATES PANEL FROM
RIZONTAL UNIT HEATER	WHERE BRANCH CIRCUIT CONTROL ORIGINATES
OF TOP UNIT	LIGHTING NOTES:
ILER	1. THIS KEY APPLIES TO ALL LIGHTING FIXTURES, EXIT SIGNS, EMERGENCY BATTERY UNITS, ETC.
ECTRIC UNIT HEATER	
ECTRIC CABINET UNIT HEATER	ELECTRICAL DEVICE INDICATES CIRCUIT
ILLER	Hombert
OLING TOWER	INDICATES PANEL FROM
RIABLE FREQUENCY DRIVE	ORIGINATES
CTLESS FAN COIL	
NDENSING UNIT	1. THIS KEY APPLIES TO ALL RECEPTACLES, JUNCTION BOXES, DISCONNECT SWITCHES, THERMAL SWITCHES, ETC.
ERGY RECOVERY UNIT	GENERAL NOTES:
KE-UP AIR UNIT	 WIRING (MC, NM, FAMC, THHN, ETC.) AND CONDUIT SHALL BE REQUIRED BETWEEN ALL LIGHTING FIXTURES, RECEPTACLES, OUTLETS, ETC.
R HANDLING UNIT	INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS. REFER TO SPECIFICATIONS FOR APPLICABLE MEANS AND METHODS.
N COIL UNIT	2. ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT
RMINAL BOX	IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
BLIC SAFETY SIGNAL BOOSTER SYSTEM:	3. WIRING SHALL BE 2#12+#12G-1/2"C MINIMUM.
ALL MOUNTED BIDIRECTIONAL AMPLIFIER.	CIRCUITING KEY
ALL MOUNTED BIDIRECTIONAL AMPLIFIER STATUS MONITORING PANEL.	N.T.S.
RECTIONAL YAGI ANTENNA.	∠—LC INDICATES "LIGHTING
DIRECTIONAL AMPLIFIER CABLE AND ANTENNAS.	CONTROL DETAIL"
ISTING ELECTRICAL LEGEND:	
ISTING ELECTRICAL EQUIPMENT WITHOUT A DESIGNATION IS TO REMAIN.	
	NUMBER REFERS TO LIGHTING CONTROL DETAIL TO BE REFERENCED, TYPICAL.
INDICATES EXISTING ELECTRICAL EQUIPMENT WHICH IS TO BE REMOVED. PULL BACK	GENERAL NOTE:
RING AND CONDUIT BACK TO NEXT ACTIVE OUTLET OR POWER SOURCE.	 THIS TAG INDICATES CONTROL REQUIREMENTS. REFER TO LIGHTING CONTROL DETAIL DRAWINGS FOR DETAIL ASSOCIATED WITH THE ROOM.
INDICATES EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED AND RELOCATED.	
ISTING CIRCUIT SHALL BE EXTENDED TO NEW LOCATION OF RELOCATED EXISTING ECTRICAL EQUIPMENT.	LIGHTING CONTROL KEY N.T.S.
INDICATES NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT.	
INDICATES EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED. EXISTING	

RCUIT/WIRING AND BACK BOX SHALL REMAIN. NEW DEVICE SHALL BE LOCATED IN PLACE, TEND CIRCUIT/WIRING TO NEW ELECTRICAL EQUIPMENT.

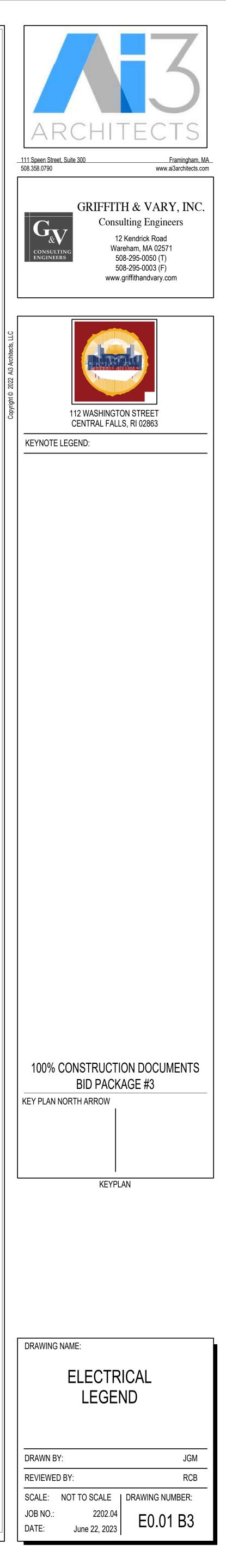
DOTTED SYMBOLS INDICATE EXISTING ELECTRICAL EQUIPMENT. EFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. ELECTRICAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONTINUITY ALL EXISTING CIRCUITS WHICH ARE REMAINING. ELECTRICAL SUBCONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL

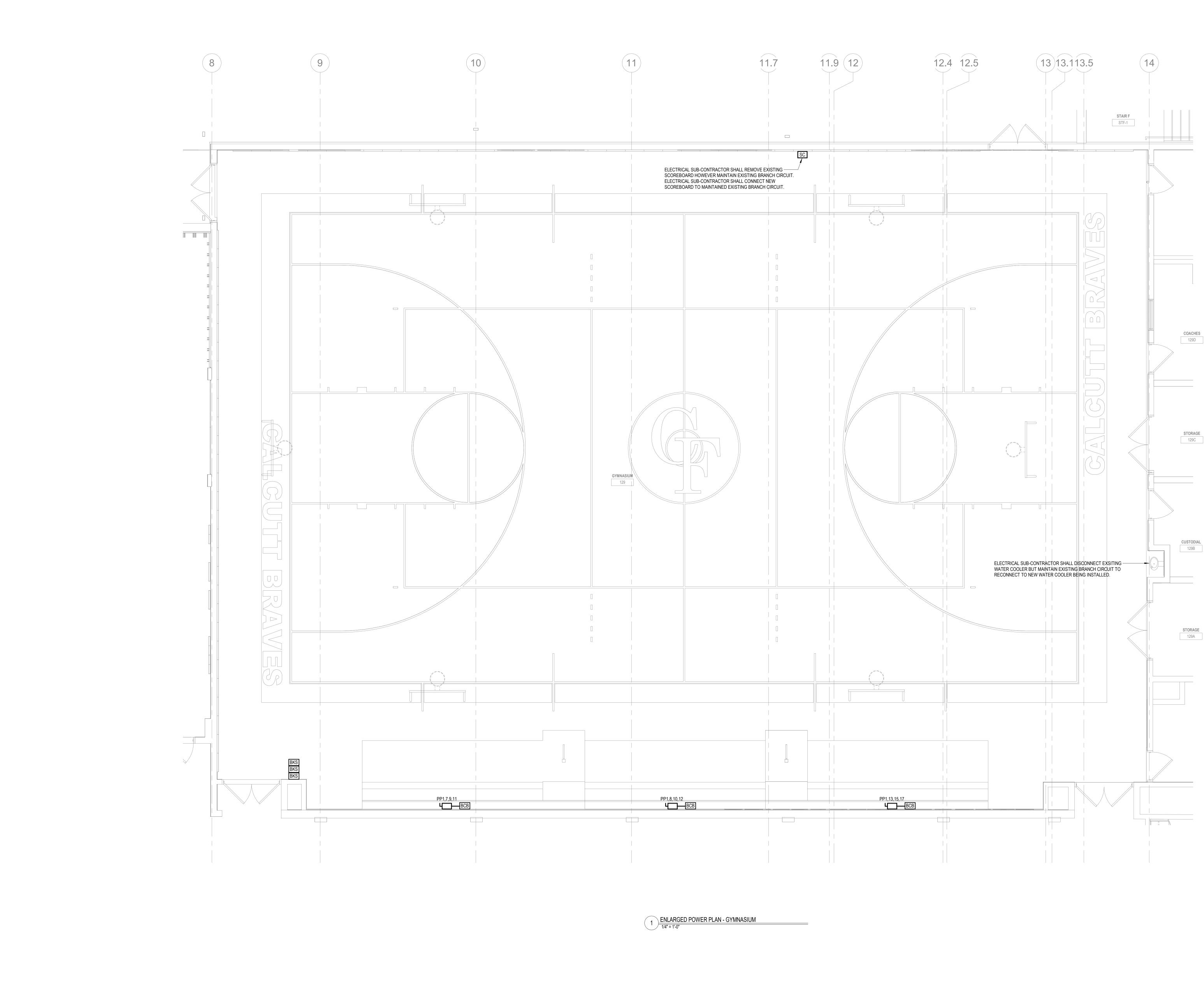
UIPMENT, WIRING, CONDUIT, ETC. ASSOCIATED WITH EXISTING MECHANICAL, PLUMBING, D FIRE PROTECTION EQUIPMENT SCHEDULED TO BE REMOVED. REFER TO DRAWINGS FOR

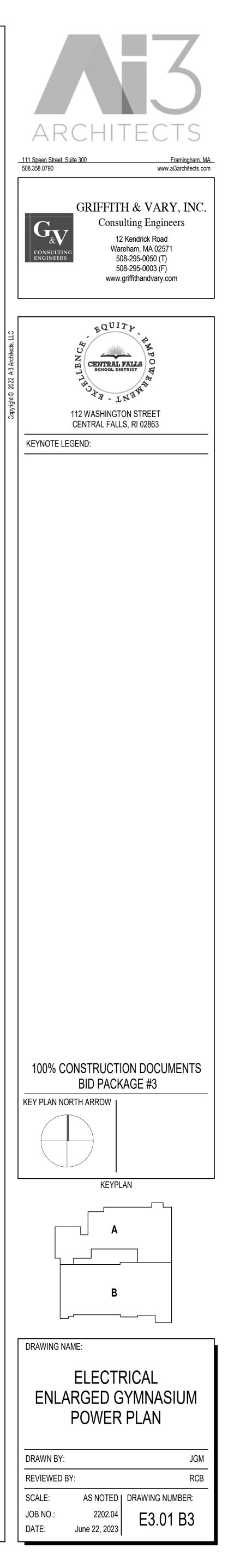
	PANELBOARD: EXISTIN	G F	PP1		1	00		۹,	2	20	8`	Y/1	20	V, 3PH, 4W,	60H	łΖ	GENERAL NOTES									
	MAIN LUG ONLY MAIN CIRCUIT BREAKER FLUSH MOUNTED		200% F	T TRIP M RATED I FED GRO	NEUT		-								LC = VIA LIGHTING CONTROL PANEL L = PROVIDE LOCK ON CB IG = ISOLATED GROUND	1.	For SI Provie	NGLE F	OLE	CIR	CUL	T BRI				
	SURFACE MOUNTED		FEED 1		UGS		AKEF	र							P = GFPE - 30 mA TRIP G = GFCI - 5mA TRIP	2.	FOR TV	NO POL DE 3 WI	.E CI RES	RCL + Gl	JIT B ROU	REÀ ND, I	KERS U.O.N	, 		
65K 225A	AIC A BUS AMPS RATING		COMPL	ND FAU JTER P/ E PROTI	ANEL			E						Z	S = SHUNT TRIP A = ARC FAULT CIRCUIT BREAKER N - NEVY CIRCUIT DREAKER /		For Th Provid Wire S	DE 3 WI	RES	+ Gl	ROU	ND, I	U.O.N			
-		щ	WIRE			CI	RCUI	T BR	EAK	ER			скт			щ	WIRE			CI	RCU	IT BF	REAK	ER		
	LOAD DESCRIPTION	NOTE	SIZE		20/1	20/3	. .					- 11	NO.		LOAD DESCRIPTION	NOTE	SIZE		20/1	20/3			. .			
	EXISITNG				1								2		EXISTING				1							
	EXISTING				1								4		EXISTING				1							
	EXISTING				1								6		EXISTING				1							
													8													
	GYM POWERED BLEACHERS	N	10			1							10		GYM POWERED BLEACHERS	N	8			1						
													12													
													14		RTU-1 CONTROLS	N	10		1							
	GYM POWERED BLEACHERS	N	8			1							16		RTU-2 CONTROLS	Ν	10		1							
													18		RTU RECEPTACLES	Ν	10		1							
					1								20		SPARE				1							
	SPARE				1								22		SPARE				1							
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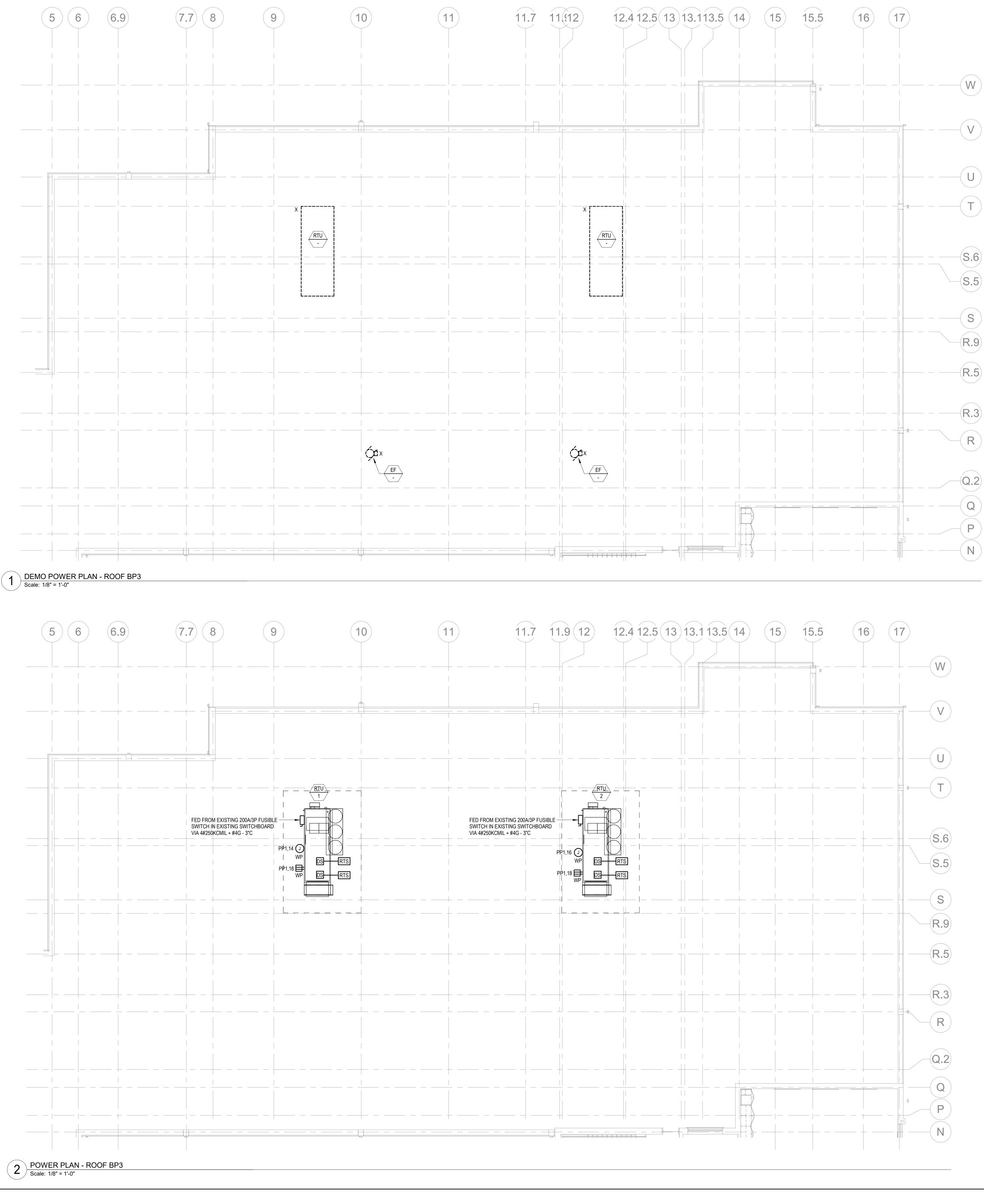


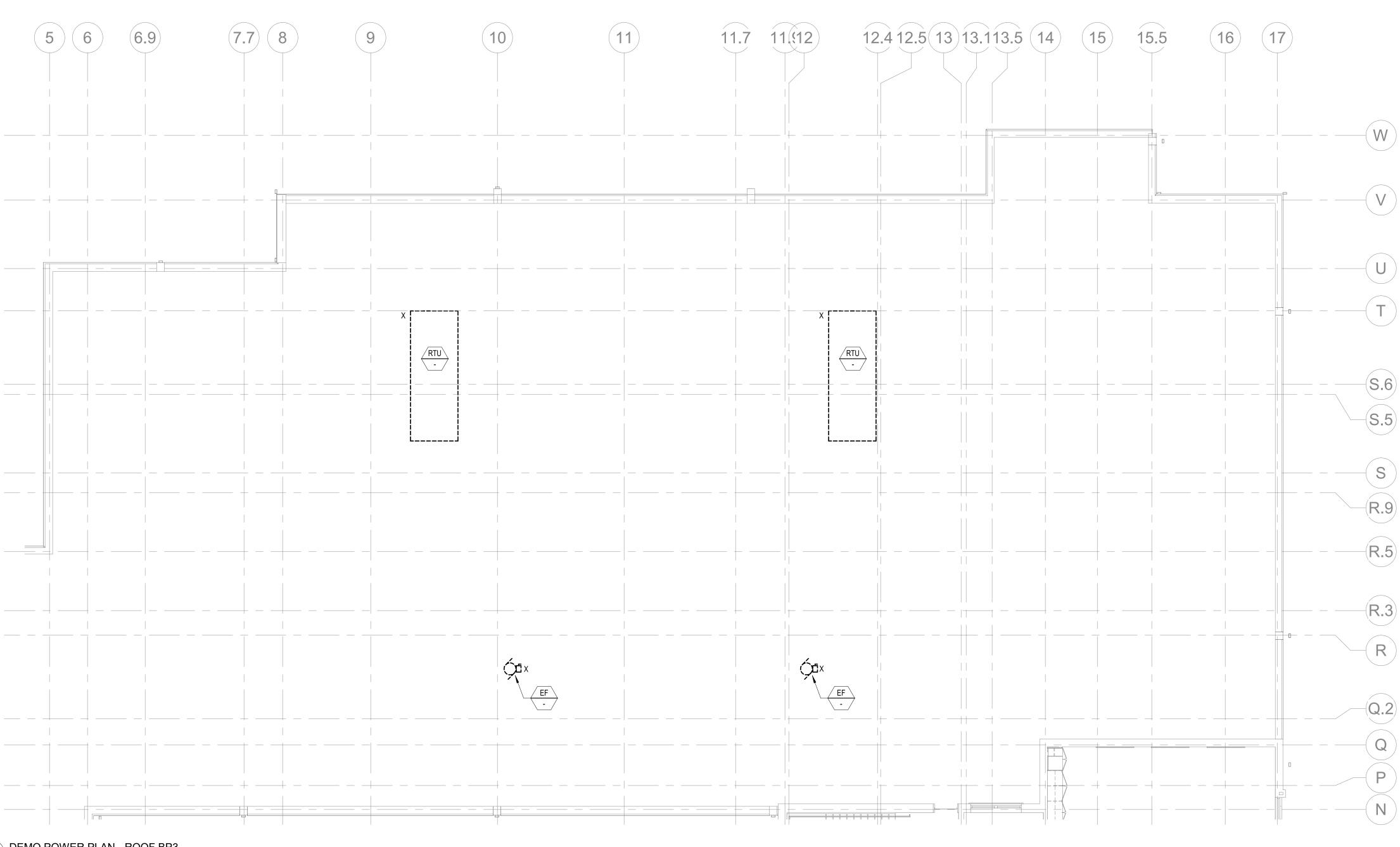
NOT TO SCALE

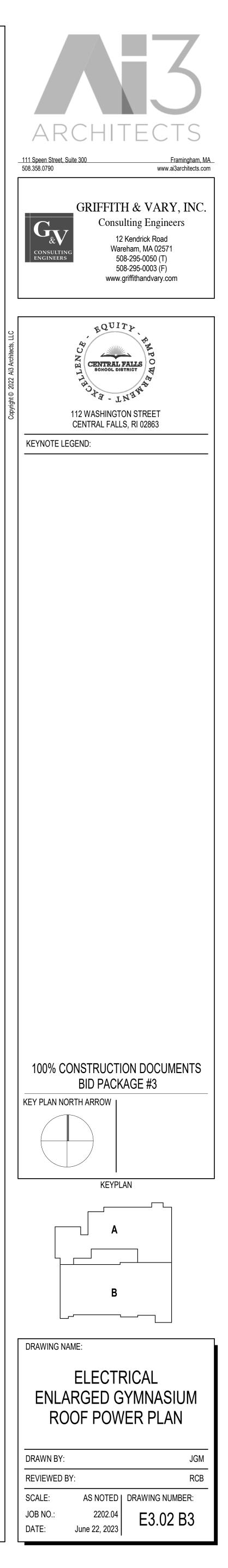


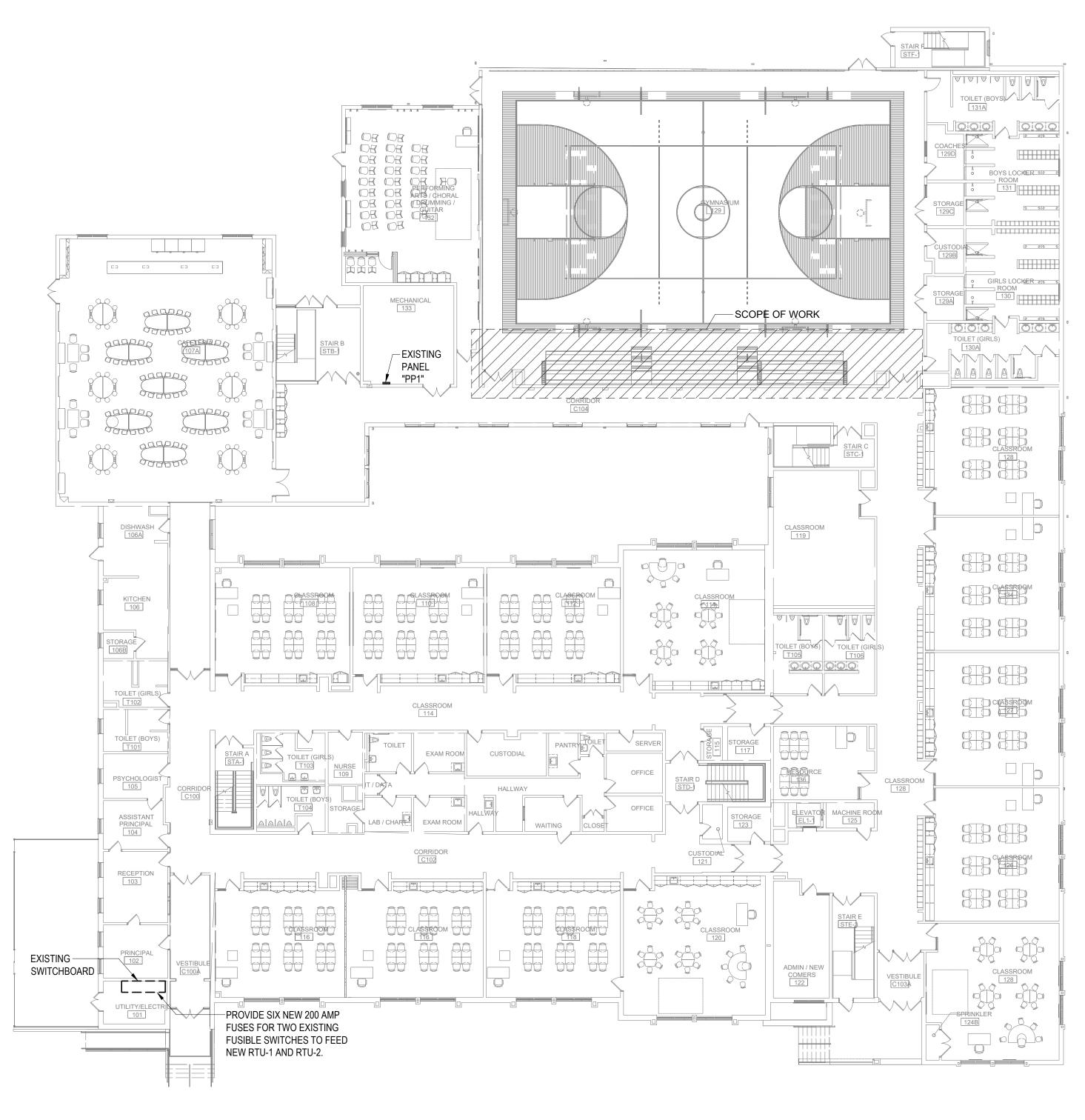












1 FIRST FLOOR OVERALL PLAN SCALE: 1/16"=1'-0"



2 SECOND FLOOR OVERALL PLAN SCALE: 1/16"=1'-0"

