

ARCHITECT

Ai3 ARCHITECTS, INC.

526 Boston Post Road
Wayland, MA 01778
Tel: (508) 358-0790

SPECIFICATIONS

WIL-SPEC, LLC

375 Main Street
Boxford, MA 01921
Tel: (781) 598-6789

CODE CONSULTANT

COSENTINI ASSOCIATES, INC.

101 Federal Street, 6th Floor
Boston, MA 02110
Tel: (617) 748-7800

OWNERS PROJECT MANAGER

PEREGRINE GROUP, LLC

20 Newman Avenue, Suite 1005
Rumford, RI 02916
Tel: (401) 270-0600

MECH. / ELEC. / PLUMB. ENGINEERS

GRIFFITH & VARY, INC.

12 Kendrick Road
Wareham, MA 02571
Tel: (508) 295-0050

COST ESTIMATOR

PROJECT MANAGEMENT & COST

20 Downer Ave., Suite 1C
Hingham, MA 02043
Tel: (781) 740-8007
Fax: (781) 740-1012

ACCESSIBILITY CONSULTANT

KESSLER McGUINNESS ASSOCIATES, INC.

1 Bridge St., Suite A102
Newton, MA 02458
Tel: (617) 641-2802

DOOR HARDWARE CONSULTANT

SPEC CONSULTANTS, LLC

16 N. Mark Drive
Oxford, CT 06478
Tel: (508) 295-0050



DEMOLITION

DA1.01 DEMOLITION GENERAL NOTES AND LEGEND
DA2.11 B3 FIRST FLOOR DEMOLITION PLAN

ARCHITECTURAL

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MECHANICAL




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M03.02 B3 MECHANICAL ENLARGED GYMNASIUM PLAN - DEMOLITION

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E3.01 B3 ELECTRICAL ENLARGED GYMNASIUM LIGHTING PLAN
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100% CONSTRUCTION DOCUMENTS BID PACKAGE #3

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

- GENERAL DEMOLITION NOTES**
- 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. Assess and methods of making new penetrations and modifications at existing structure shall be approved by the structural engineer prior to performing the work.
 - Provide all trenching at existing subs for electrical, plumbing, mechanical and other utilities as required for demolition of existing utilities and installation of new work.
 - Unless otherwise noted, all 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.
 - 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.
 - All existing structural columns to remain unless otherwise noted.
 - Construction Manager shall coordinate the extent of demolition with proposed work.
 - 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.
 - Refer to civil, fire protections, mechanical, plumbing, and structural drawings for additional demolition requirements.
 - Coordinate with the owner any items to be removed and returned to the owner.
 - 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 in progress.
 - 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.
 - 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 28 - Cutting and Patching.
 - Construction Manager shall provide temporary protection to exposed cavities, interior spaces and all other areas normally sheltered from weather during construction.
 - Refer to the door schedule for additional (if any) demolition work on doors and/or door frames that are not indicated on plans.
 - Where existing construction is indicated to be replaced it is the intent to remove the existing construction in its entirety as indicated on the drawings. Refer to construction documents for more information.
 - 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.
 - Restore existing construction and finishes beyond contract limits where disturbed by contract work.
 - Remove and properly dispose of all items left behind, not identified to be returned over to the owner (i.e. furniture, books, computers, TVs)
 - Remove and dispose of existing door hardware not meeting accessibility requirements. Prepare door and adjacent surfaces for installation of accessible hardware.
 - 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.
 - Salvage and store all existing six panel wood doors (storage closets) in wall being demolished for reuse/ installation. See architectural drawing for additional information.
 - Salvage and store all existing hardwood trim (casing, base, crown, etc.) for reuse in matching and patching. See architectural drawing for additional information.
 - 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.

- SCHEDULED DEMOLITION NOTES**
- REMOVE EXISTING FLOORING.
 - REMOVE EXISTING CEILINGS.
 - REMOVE ALL EXISTING PARTITIONS, FLOORS, PLUMBING FIXTURES, AND CASEWORK AS INDICATED.
 - REMOVE ALL CEILING GRIDS AND TILES IN LOCATIONS NOTED PLANS AND COORDINATED WITH THE ROOM FINISH SCHEDULE.
 - REMOVE WINDOW UNIT AND ALL ASSOCIATED WOOD BLOCKING, WINDOW TREATMENTS, INTERIOR WOOD TRIM AND APRON AS REQUIRED FOR INSTALLATION OF NEW WORK.
 - 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.
 - 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.
 - 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.
 - REMOVE EXISTING WALL MOUNTED PARTITIONS AND ACCESSORIES. PROVIDE BLOCKING AND FURRING AT RECESSES TO ALIGN WITH EXISTING WALL FINISH TO RECEIVE NEW.
 - REMOVE ALL WALL MOUNTED ITEMS AND PREPARE SURFACE FOR NEW FINISH.
 - REMOVE EXISTING TECTUM WALL PANELS. PATCH & PREPARE SURFACE FOR NEW FINISH.
 - REMOVE DOOR FRAME + HARDWARE IN ITS ENTIRETY.
 - REMOVE DOOR + HARDWARE & PREPARE FRAME FOR NEW DOOR + HARDWARE.
 - REMOVE HARDWARE & PREPARE DOOR + FRAME FOR NEW HARDWARE.
 - PREPARE EXISTING FLOOR FOR INSTALLATION OF NEW POURED EPOXY FLOOR. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
 - REMOVE & DISPOSE OF ALL WALL MOUNTED ITEMS NOT SCHEDULED TO REMAIN & PREPARE FOR NEW FINISH MATERIAL. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
 - 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.

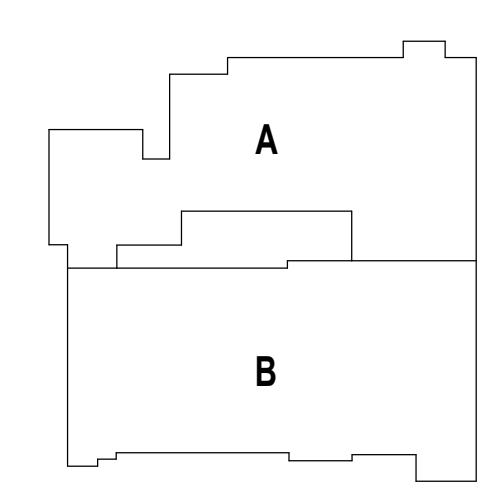
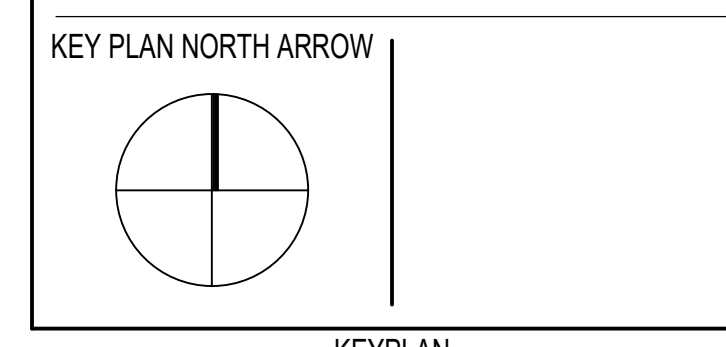
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CENTRAL FALLS, RI 02863

KEYNOTE LEGEND:

**100% CONSTRUCTION DOCUMENTS
BID PACKAGE #3**

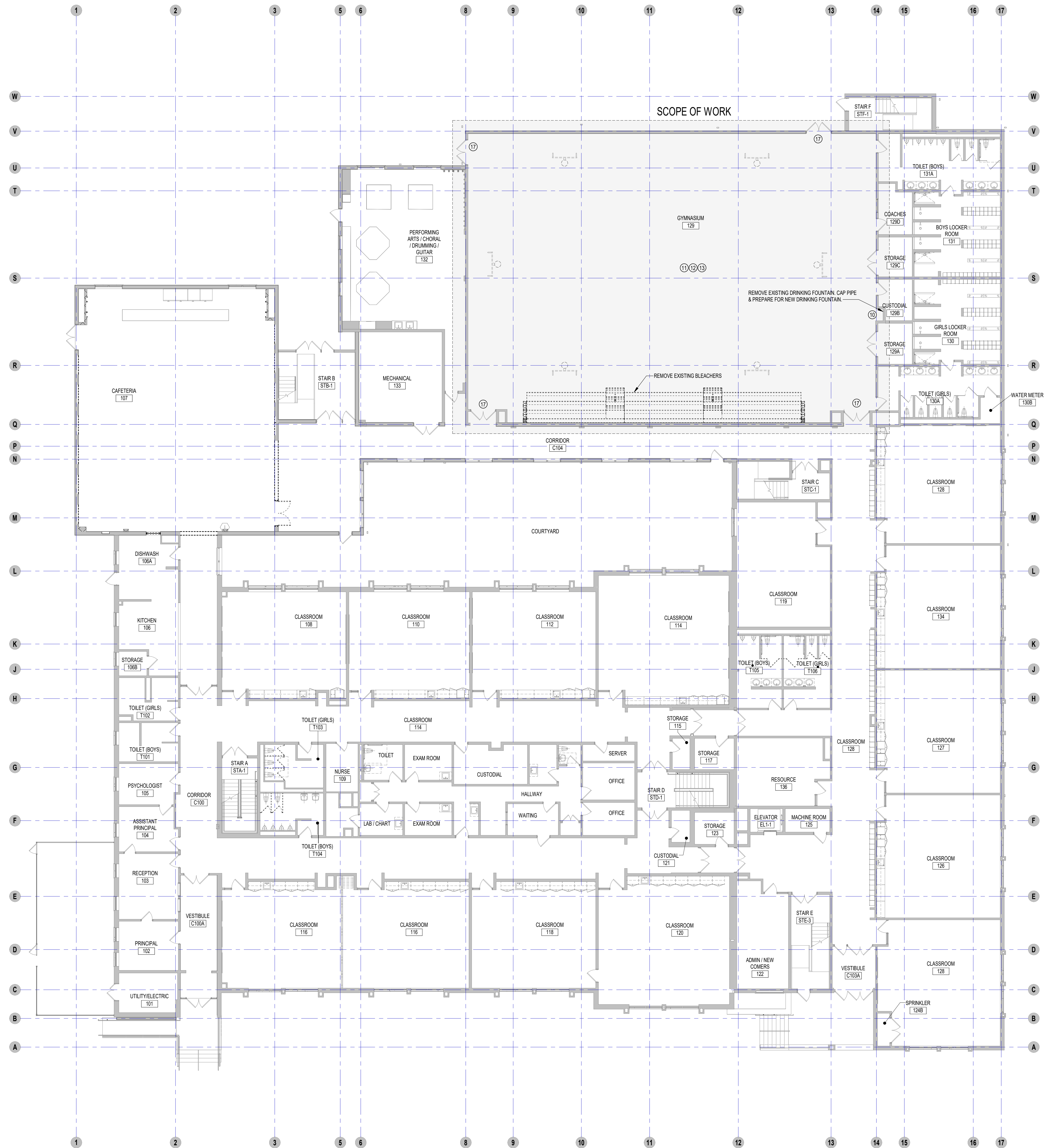


DRAWING NAME:

**DEMOLITION GENERAL
NOTES AND LEGEND**

DRAWN BY:	MS
REVIEWED BY:	JQ
SCALE:	AS INDICATED DRAWING NUMBER:
JOB NO.:	2202.04
DATE:	June 22, 2023

DA1.00



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 CEILING 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 SIDELITES), 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, WAREHOUSES, BASE AND UPPER CABINETS AND COUNTERTOPS
10	REMOVE EXISTING PLUMBING FIXTURES AND LINES BACK TO A POINT WHICH WOULD NOT INTERFERE WITH NEW WORK
11	REMOVE EXISTING GYM EQUIPMENT INCLUDING BUT NOT LIMITED 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 FLOORING 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 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
21	REMOVE & DISPOSE OF ALL FINISHED CEILING MATERIALS NOT SCHEDULED TO REMAIN, INCLUDING GYM, 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

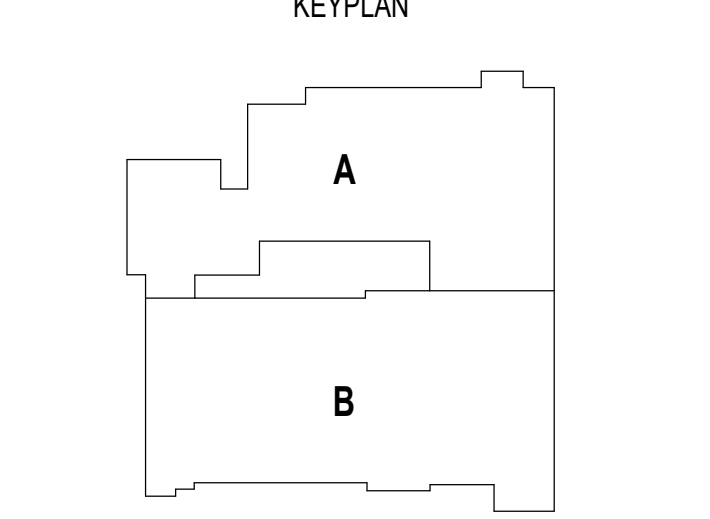
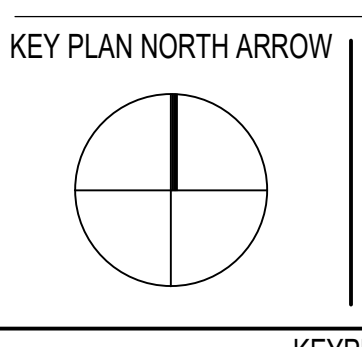


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KEYNOTE LEGEND:

DEMOLITION NOTE:
CONTRACTOR SHALL REMOVE ALL EXISTING WALL HUNG TUBE TYS AND BRACKETS IN THEIR ENTIRETY. CONTRACTOR SHALL ASSUME ONE TY AND BRACKET PER EVERY CLASSROOM AND TWO TYS AND BRACKETS IN THE LIBRARY MEDIA CENTER. CONTRACTOR SHALL CONTACT RIRRC (RHODE ISLAND RESOURCE RECOVERY CORPORATION) FOR DISPOSAL OF TYS AND BRACKETS AS ELECTRONIC WASTE VIA THEIR RESOURCE RECOVERY PROGRAM AND PAY ANY AND ALL APPLICABLE FEES ASSOCIATED WITH SAID DISPOSAL. CONTRACTOR SHALL PATCH AND PAINT EXISTING CMU OR DRYWALL TO MATCH SURROUNDING AREA.

100% CONSTRUCTION DOCUMENTS
BID PACKAGE #3



DRAWING NAME:
FIRST FLOOR DEMOLITION PLAN

DRAWN BY: MS / NS
REVIEWED BY: JQ
SCALE: AS INDICATED | DRAWING NUMBER:
JOB NO.: 2202.04
DATE: June 22, 2023 | **DA2.11 B3**

KEYNOTES_MASTER LEGEND

03 30 00.01	CONCRETE
03 30 00.03	CONCRETE SLAB ON DECK - SEE STRUCTURAL
04 20 00.01	FACE BRICK - REFERENCE ELEVATIONS FOR TYPE AND COURSING
04 20 00.31	CMU - STANDARD - NORMAL WEIGHT - REFERENCE DRAWINGS FOR DEPTH SIZE AND FIRE RATING
04 20 00.32	CMU BOND BEAM - SEE STRUCTURAL
04 20 00.51	GROUT FILL
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 - 3/8 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
05 40 00.21	ISOLATION HANGER
05 50 00.10	STEEL ANGLE - SEISMIC CLIP - SEE STRUCTURAL
05 50 00.22	STEEL TUBE - SIZE AS NOTED OR DRAWN
05 50 00.32	STEEL BENT PLATE - SEE STRUCTURAL
05 50 00.41	STEEL PLATE - 1/4 INCH THICK - SIZE AS NOTED OR DRAWN
05 50 00.92	EXPANSION BOLT
06 10 00.23	WOOD BLOCKING - FIRE RETARDANT TREATED - SIZE AS NOTED OR DRAWN
06 10 00.99	WOOD BLOCKING - SIZE AS NOTED OR DRAWN
06 20 00.03	HARDWOOD TRIM - EASED EDGE 1/4 INCH RADIUS - TRANSPARENT FINISH
06 20 00.04	HARDWOOD TRIM - BULLNOSE - TRANSPARENT FINISH
06 20 00.21	HARDWOOD TRIM - 1/2 INCH - TRANSPARENT FINISH
06 20 00.23	HARDWOOD TRIM - 3/4 INCH - TRANSPARENT FINISH
06 20 00.62	FLAG HOOK STANDOFF WITH CAP
06 20 00.71	GROMMET - 3 INCH - PLASTIC
06 20 00.72	WIRE MANAGEMENT HOOKS - 12 INCHES O.C. - UNDER COUNTER
06 20 00.73	STEEL UNDER COUNTER SUPPORT BRACKET - SIZE AS NOTED OR DRAWN
06 20 00.81	PLASTIC LAMINATE - TYPE 1
06 20 00.82	PLASTIC LAMINATE BACKSPASH - 4 INCH
06 20 00.95	REMOVABLE ACCESS PANEL - MATCH ADJACENT FINISH
06 20 00.99	WOOD BLOCKING - SIZE AS NOTED OR DRAWN
06 40 00.33	HARDWOOD VENEER PLYWOOD - 3/4 INCH - TRANSPARENT FINISH
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	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 84 00.03	FIRE STOP MORTAR
07 84 00.04	FIRE STOP PILLOWS
07 92 00.01	JOINT SEALANT - TYPE AS REQUIRED
07 92 00.02	BACKER ROD AND SEALANT - TYPE AS REQUIRED
07 92 00.03	EXPANSION JOINT COVER - 4 INCH - INTERIOR - FLOOR / FLOOR
08 11 13.10	STEEL DOOR - SEE SCHEDULE FOR TYPES
08 11 13.11	STEEL FRAME - SEE SCHEDULE FOR TYPES
08 11 13.20	STEEL FRAME CLIP BY FRAME INSTALLER
08 11 13.21	STEEL FRAME ANCHOR
08 14 16.01	SOLID CORE FLUSH WOOD DOOR - SEE DOOR SCHEDULE
08 71 00.11	ALUMINUM THRESHOLD
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	GYPSPUM SHAFTWALL LINER PANEL - 1 INCH
09 21 23.31	GYPSPUM BOARD - 5/8 INCH TYPE X - 1 LAYER
09 21 23.32	GYPSPUM 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 2002-12 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 16.51	METAL STUD BRACE
09 22 16.99	METAL CLIP FOR WALL FRAMING - 16 GA - 24 INCHES O.C. MAX
09 29 00.01	5/8 INCH GYPSPUM BOARD - LEVEL 4 FINISH - 1 LAYER
09 29 00.02	5/8 INCH GYPSPUM BOARD - LEVEL 4 FINISH - 2 LAYERS
09 29 00.08	
09 29 00.11	5/8 INCH PLYWOOD - FIRE RETARDANT TREATED
09 29 00.21	5/8 INCH GYPSPUM BOARD - LEVEL 4 FINISH - SAG-RESISTANT
09 29 00.31	5/8 INCH GYPSPUM BOARD - LEVEL 4 FINISH - IMPACT RESISTANT
09 29 00.43	CORNER BEAD
09 29 00.99	GYPSPUM 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 00.02	ACT TYPE-2
09 51 00.04	ACT TYPE-4
09 51 00.51	ACT SUSPENSION SYSTEM
09 51 00.52	EDGE MOLDING SYSTEM
09 51 00.61	PERIMETER EDGE TRIM SYSTEM - VERTICAL PROFILE - HEIGHT AS NOTED
09 51 00.99	ACOUSTICAL CEILING - REFERENCE REFLECTED CEILING PLANS FOR TYPE AND HEIGHT
09 64 29.01	WOOD STRIP AND PLANK FLOOR
09 64 66.01	WOOD ATHLETIC FLOOR
09 64 66.02	RUBBER CLOVE WALL BASE - VENTED
09 64 66.05	GAME LINES - COURT MARKINGS - PAINTED
09 64 66.07	STENCIL LETTERING - PAINTED

KEYNOTES_MASTER LEGEND

09 64 66.08	BORDER - PAINTED
09 64 66.09	ACCENT - PAINTED
09 65 13.01	RUBBER BASE - 4 INCH
09 65 16.01	RESILIENT SHEET FLOORING - RSF-1
09 65 16.11	TRANSITION STRIP
09 65 19.01	RESILIENT TILE FLOORING - RTF-1
09 65 19.11	TRANSITION STRIP
09 65 23.02	RUBBER FLOOR TILE - HAMMERED PROFILE
09 65 23.03	RUBBER FLOOR TILE - ATHLETIC
09 65 23.11	TRANSITION STRIP
09 65 23.12	TRANSITION STRIP - REDUCING STRIP
09 65 36.01	STATIC-CONTROL COMPOSITE TILE
09 65 36.11	TRANSITION STRIP
09 67 23.01	FLUID APPLIED FLOORING - UCF-1
09 67 23.02	FLUID APPLIED FLOORING - UCF-2
09 68 00.01	CARPET
09 68 00.11	RUBBER CARPET REDUCING STRIP
09 68 13.01	TILE CARPET - OPT-1
09 68 13.11	RUBBER CARPET REDUCING STRIP
09 77 33.01	GLASS FIBER REINFORCED PLASTIC PANEL
09 84 00.21	ACOUSTICAL PANEL - WALL MOUNTED - TECTUM - TYPE 1
09 91 00.01	PAINT - SEE SCHEDULE
10 11 16.01	DRY MARKER BOARD
10 14 00.01	INTERIOR SIGNAGE - TYPE AS SCHEDULED
10 14 00.02	INTERIOR SIGNAGE - VINYL WALL GRAPHIC
10 21 13.01	TOILET COMPARTMENT
10 21 13.11	TOILET PARTITION - PANEL
10 21 13.31	URINAL SCREEN
10 21 23.01	CURTAIN TRACK AND CURTAIN
10 28 41.01	BULLETPROOF RESISTANT PANEL - LEVEL 4 - ILL 752
10 44 00.01	FIRE EXTINGUISHER CABINET - FULLY RECESSED
10 44 00.11	FIRE EXTINGUISHER
11 61 00.21	
11 61 00.41	PIPE GRID - TV STUDIO
11 66 23.01	WALL PADDING - TYPE 1
11 66 23.11	VOLLEYBALL STANDARD FLOOR INSERT
12 30 00.03	TALL CABINET
12 30 00.20	PLASTIC LAMINATE COUNTERTOP
12 30 00.21	PLASTIC LAMINATE BACKSPASH - 4 INCH
12 30 00.22	PLASTIC LAMINATE BACKSPASH - 6 INCH
12 48 13.01	RECESSED ENTRANCE MAT - REFERENCE DRAWINGS FOR SIZE
12 48 13.10	EXTRUDED ALUMINUM RECESSED FRAMING - L SHAPE
12 66 13.01	TELESCOPING POWER ASSISTED BLEACHERS
22 00 00.01	SNK - SEE PLUMBING
22 00 00.03	WATER FOUNTAIN - SEE PLUMBING
22 00 00.21	FLOOR DRAIN - SEE PLUMBING
23 00 00.02	DIFFUSER - SEE HVAC
23 00 00.25	RADIANT PANEL - SEE HVAC



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508.358.0790 www.a3architects.com

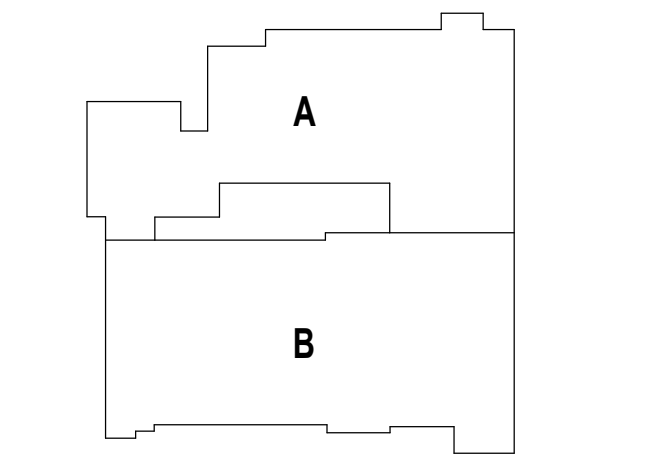
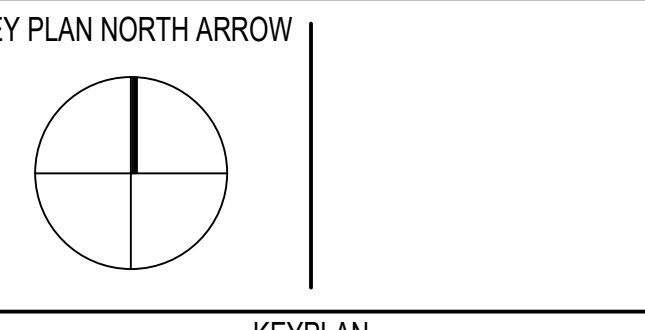


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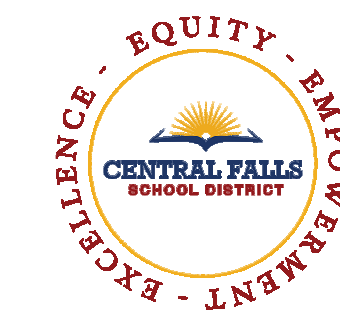
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DRAWING NAME:

MASTER KEYNOTE LIST

DRAWN BY:	BFC	
REVIEWED BY:	KRK	
SCALE:	AS INDICATED	DRAWING NUMBER:
JOB NO.:	2202.04	A0.0A
DATE:	June 22, 2023	



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CENTRAL FALLS, RI 02863

KEYNOTE LEGEND:

GENERAL NOTES:

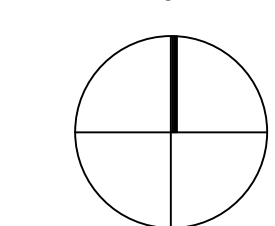
1. REFER TO ROOM FINISH SCHEDULE ON A7.01 FOR SCOPE OF WORK FOR NEW FINISHES.
2. ALL EXISTING TOILET ROOMS TO RECEIVE NEW PARTITIONS, FINISHES, AND VANITIES.

FLOOR PLAN LEGEND:

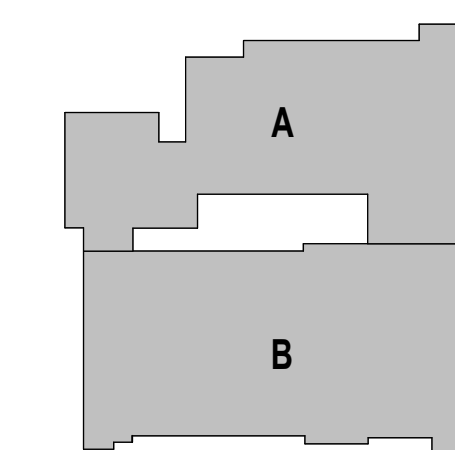
- NEW PARTITION
- EXISTING PARTITION TO REMAIN

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KEY PLAN NORTH ARROW



KEYPLAN



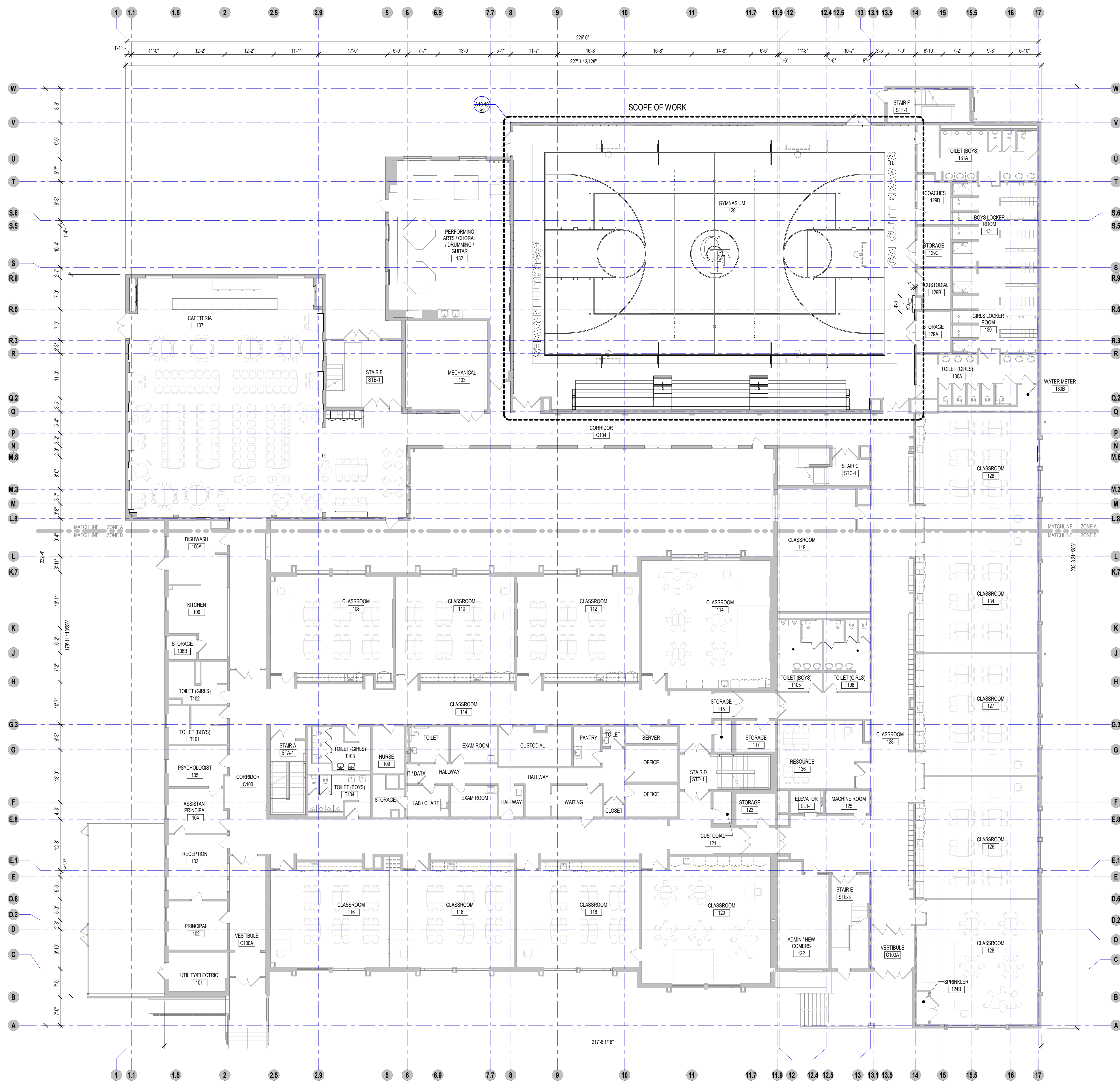
DRAWING NAME:

**OVERALL FIRST FLOOR
PLAN**

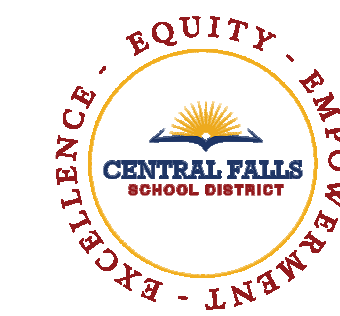
DRAWN BY: MS

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DATE: June 22, 2023 | A1.11 B3



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



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KEYNOTE LEGEND:

GENERAL NOTES:

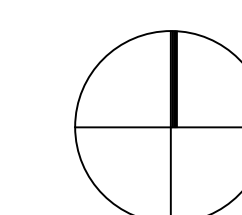
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FLOOR PLAN LEGEND:

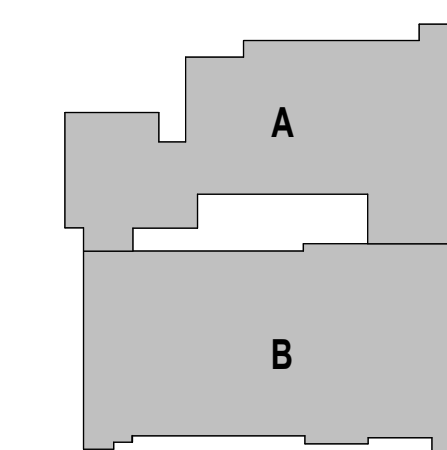
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BID PACKAGE #3

KEY PLAN NORTH ARROW



KEYPLAN



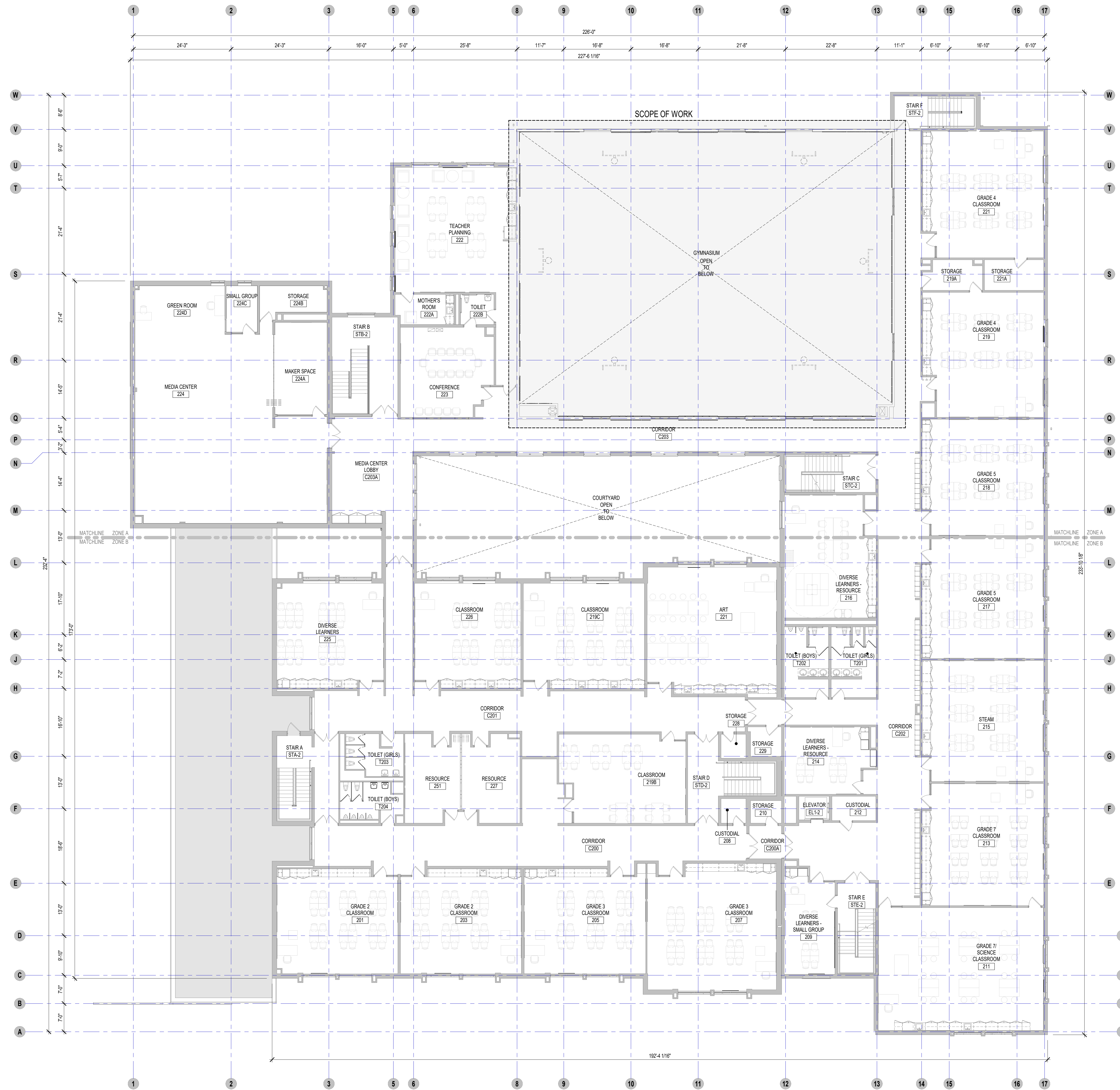
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OVERALL SECOND FLOOR
PLAN

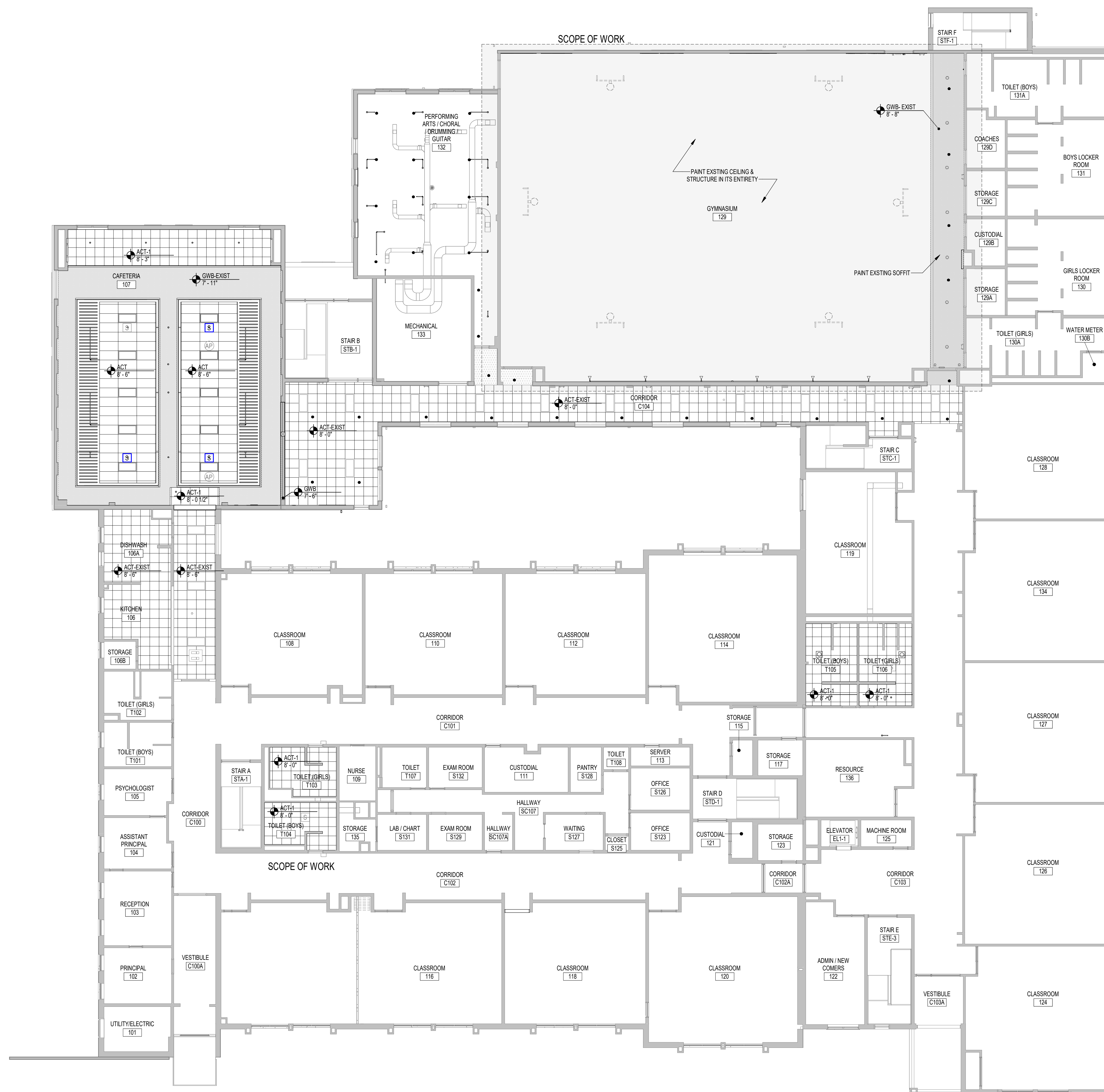
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DATE: June 22, 2023



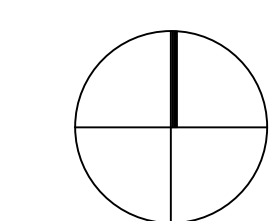
1 OVERALL SECOND FLOOR PLAN
3/32" = 1'-0"



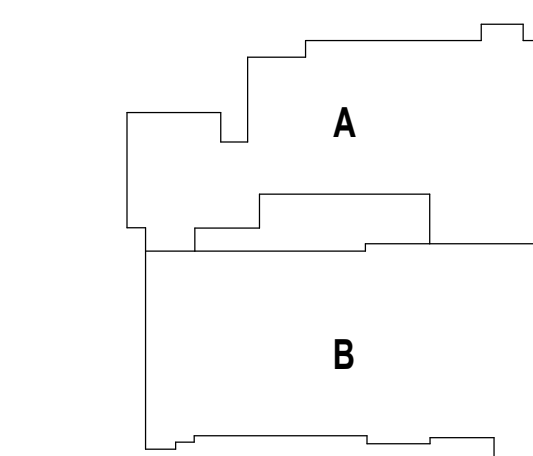
KEYNOTE LEGEND:

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BID PACKAGE #3**

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

FIRST FLOOR RCP

DRAWN BY: MS

REVIEWED BY: JQ

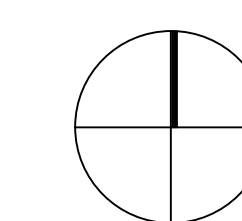
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JOB NO.: 2202.04 | A2.11 B3
DATE: June 22, 2023

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

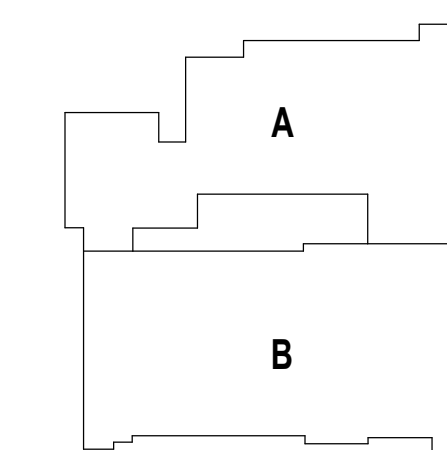
KEYNOTE LEGEND:

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BID PACKAGE #3

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

DOOR SCHEDULE

DRAWN BY: MS

REVIEWED BY: JQ

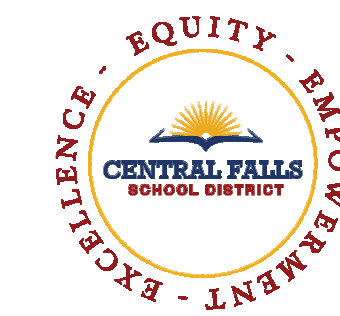
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ABBREVIATIONS		
ACST	ACOUSTIC	P PAINTED FINISH
AL	ALUMINUM	PC POWDER COAT FINISH
ALG	ALUMINUM AND GLASS	PS POWER SUPPLY REQUIRED FOR DOOR HARDWARE
CLR	CLEAR FINISH	PS1 POWER SUPPLY REQUIRED FOR DOOR OPERATOR ONLY NO ELECTRIFIED DOOR HARDWARE.
HM	HOLLOW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

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 (28 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.
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 NOTICE OF THE ARCHITECT.

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



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KEYNOTE LEGEND:

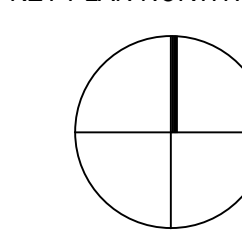
- 09 64 66 05 GAME LINES - COURT MARKINGS - PAINTED
- 09 64 66 07 STENCIL LETTERING - PAINTED
- 09 64 66 08 BORDER - PAINTED
- 09 64 66 09 ACCENT - PAINTED
- 11 66 23 11 VOLLEYBALL STANDARD FLOOR INSERT
- 12 66 13 01 TELESCOPING POWER ASSISTED BLEACHERS
- 22 00 00 03 WATER FOUNTAIN - SEE PLUMBING

GENERAL NOTES:

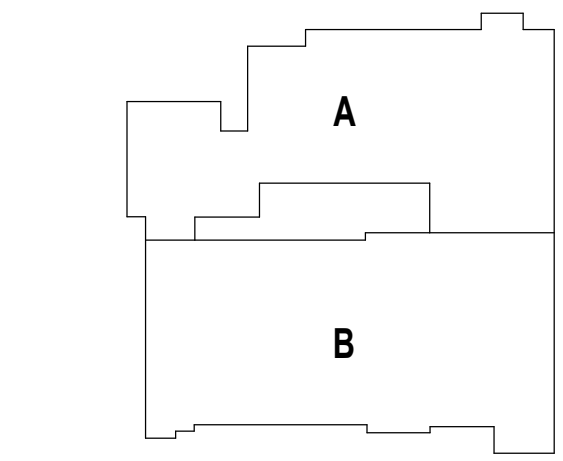
1. NOT ALL POWER AND DATA OUTLET/ SWITCHING LOCATIONS SHOWN. COORDINATE WITH ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ALL LOCATIONS.
2. REFER TO DETAILS ON A7.51 FOR FIRE EXTINGUISHER DETAILS AND MOUNTING HEIGHTS.
3. REFERENCE TOILET ACCESSORIES LEGEND AND SCHEDULE ON DRAWING A8.31 FOR ADDITIONAL INFORMATION.
4. WHERE EXPOSED, ALL STRUCTURAL MEMBERS & MEPP SHALL RECEIVE PAINTED FINISH, U.N.O. HORIZONTAL PAINT TRANSITION LINE TO BE COORDINATED ON WALLS OF SPACES WITH EXPOSED DECKING.

**100% CONSTRUCTION DOCUMENTS
BID PACKAGE #3**

KEY PLAN NORTH ARROW



KEYPLAN



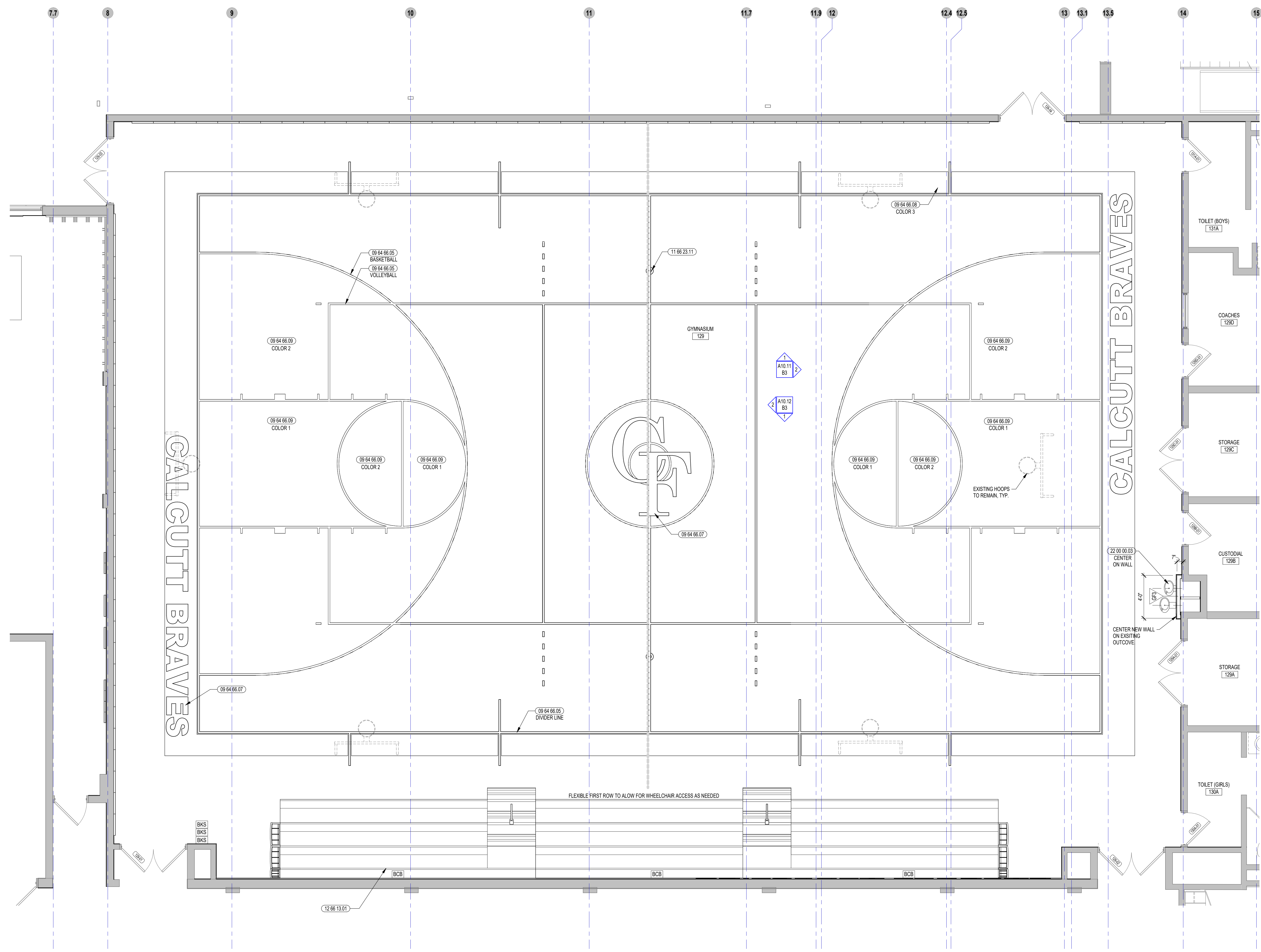
DRAWING NAME:

**GYMNASIUM ENLARGED
PLAN**

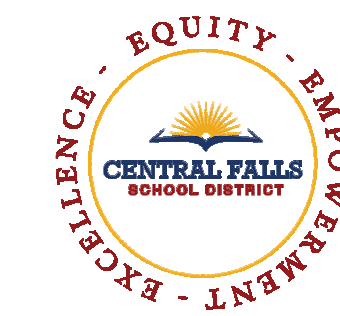
DRAWN BY: MS

REVIEWED BY: JQ

SCALE: AS INDICATED | DRAWING NUMBER:
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1 PLAN ENLGR GYMNASIUM
1/4" = 1'-0"



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KEYNOTE LEGEND:

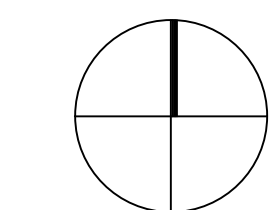
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- 09 64 00.21 ACOUSTICAL PANEL - WALL MOUNTED - TECTUM - TYPE 1
- 09 91 00.01 PAINT - SEE SCHEDULE
- 10 14 00.02 INTERIOR SIGNAGE - VINYL WALL GRAPHIC
- 11 66 23.01 WALL PADDING - TYPE 1
- 22 00 00.03 WATER FOUNTAIN - SEE PLUMBING

GENERAL NOTES:

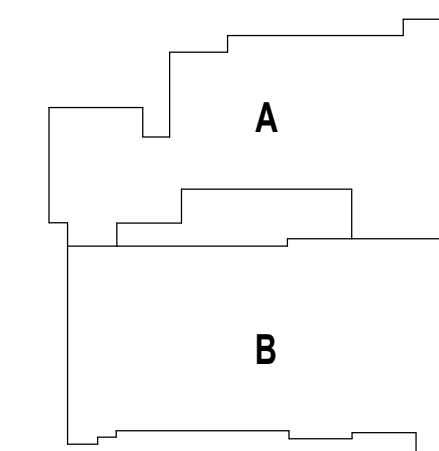
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BID PACKAGE #3

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

GYMNASIUM INTERIOR
ELEVATIONS

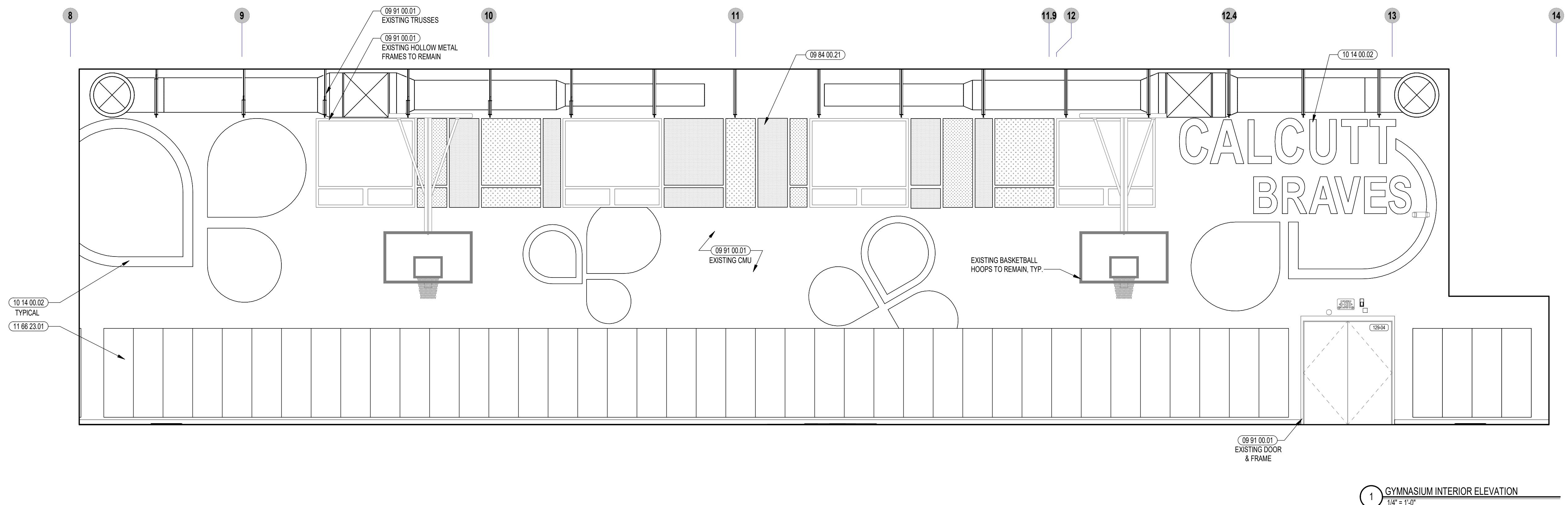
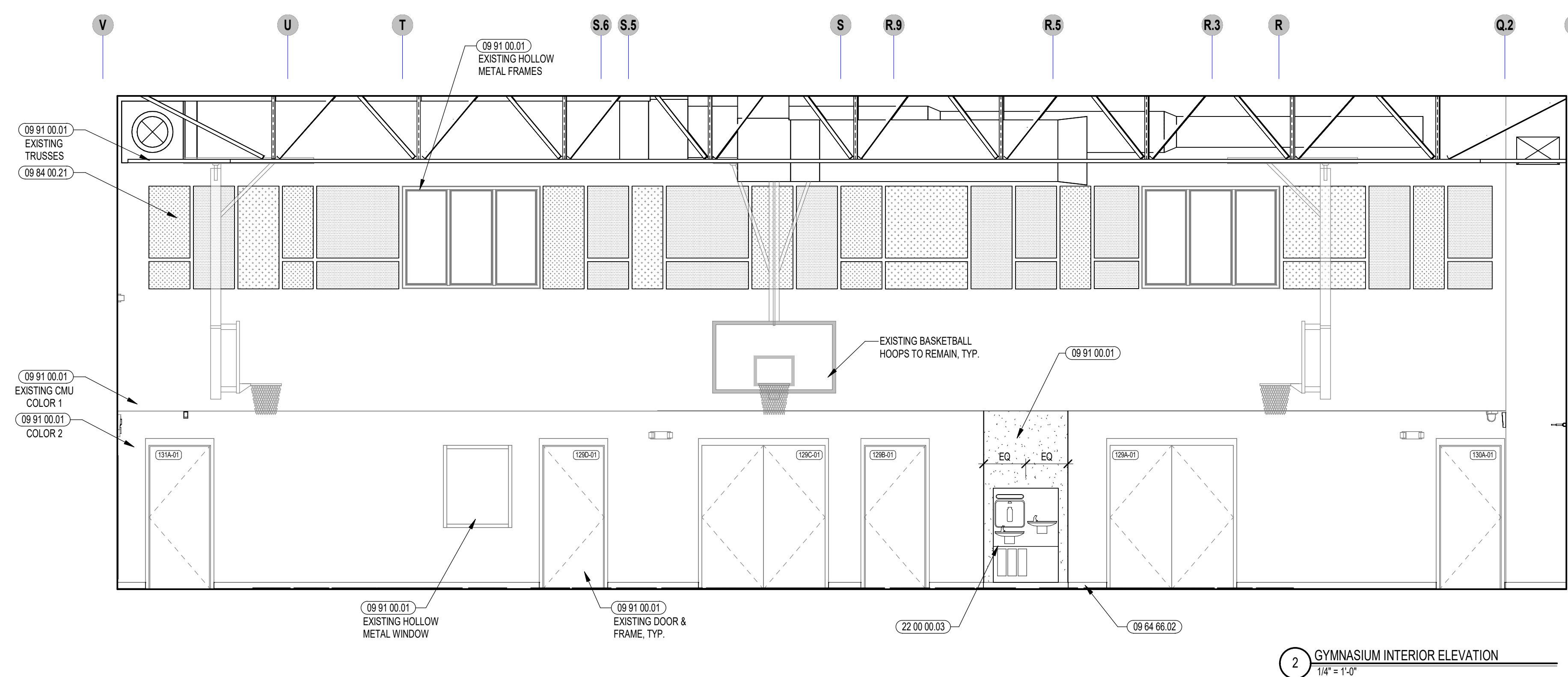
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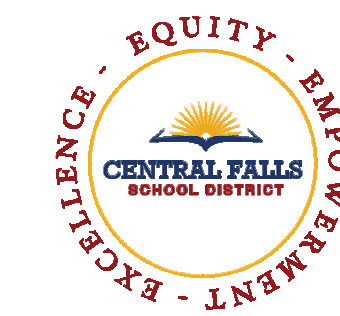
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JOB NO.: 2202.04

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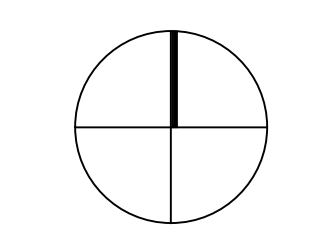
- 09 64 66.02 RUBBER COVE WALL BASE - VENTED
- 09 64 00.21 ACOUSTICAL PANEL - WALL MOUNTED - TECTUM - TYPE 1
- 09 91 00.01 PAINT - SEE SCHEDULE
- 10 14 00.01 INTERIOR SIGNAGE - TYPE AS SCHEDULED
- 10 14 00.02 INTERIOR SIGNAGE - VINYL WALL GRAPHIC
- 11 68 23.01 WALL PADDING - TYPE 1
- 12 66 13.01 TELESCOPING POWER ASSISTED BLEACHERS

GENERAL NOTES:

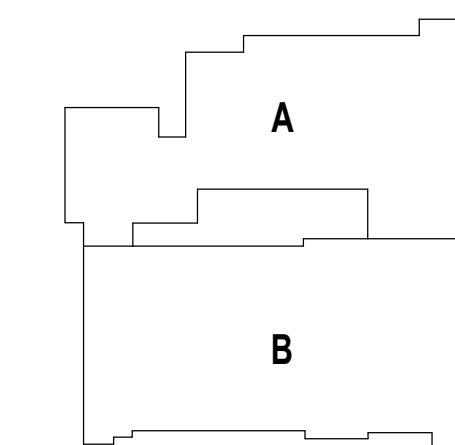
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KEY PLAN NORTH ARROW



KEYPLAN



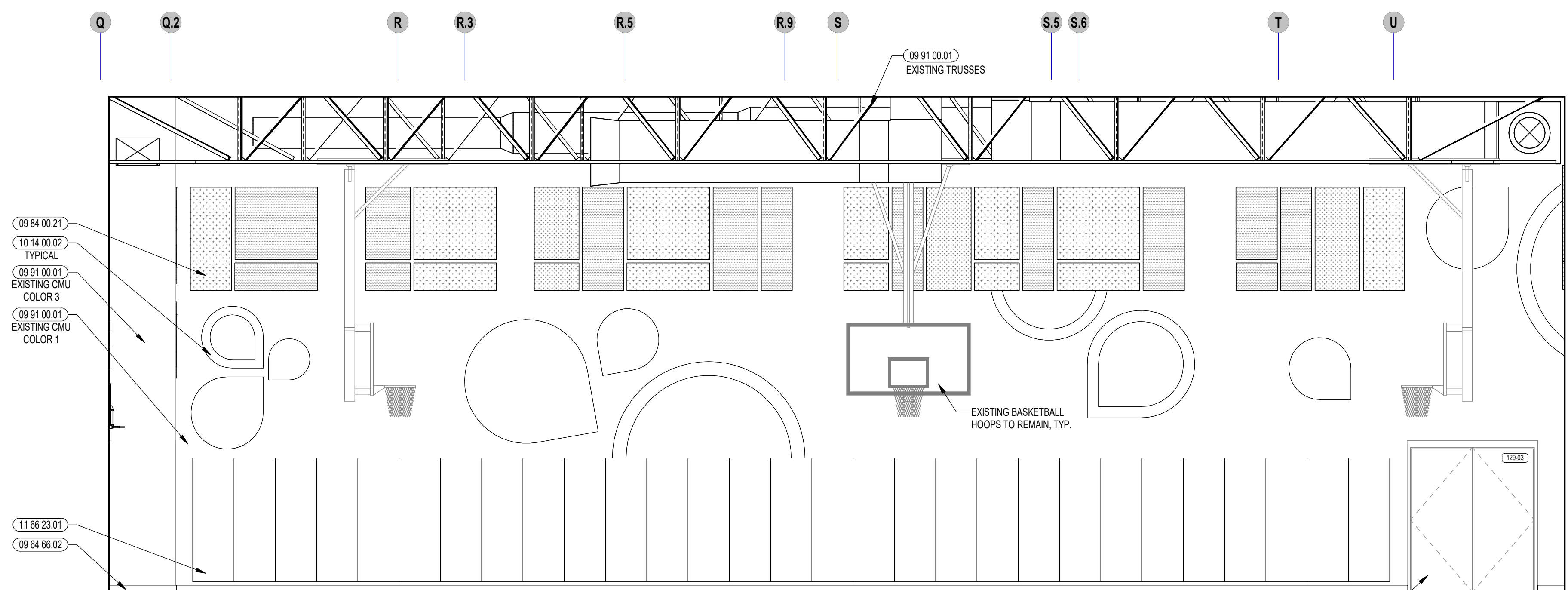
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**GYMNASIUM INTERIOR
ELEVATIONS**

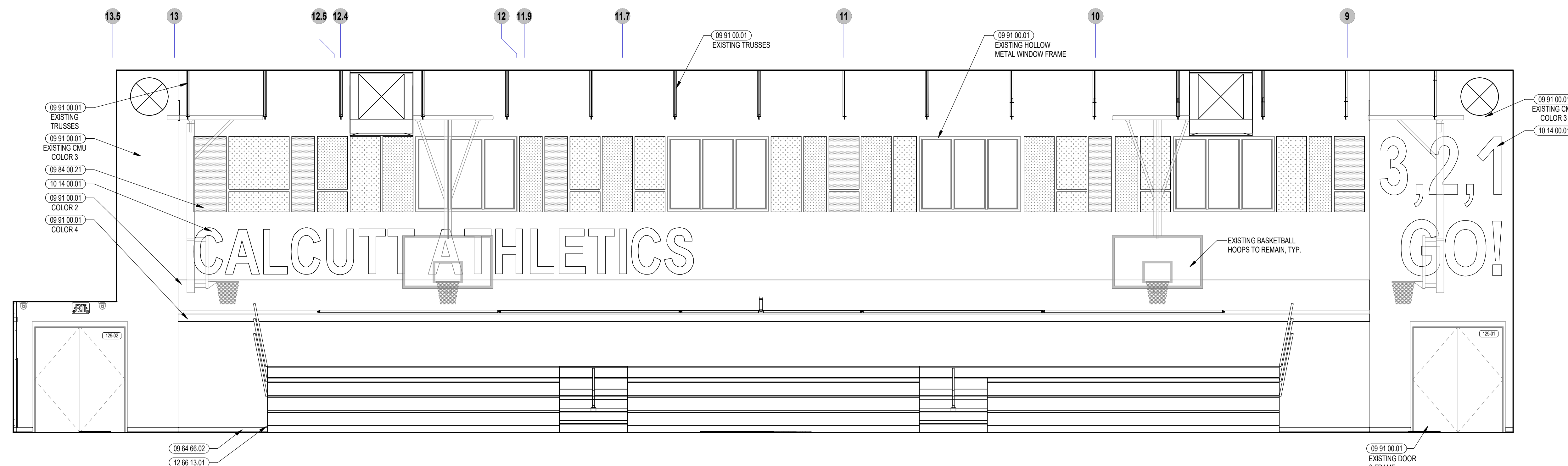
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DATE: June 22, 2023



2 GYMNASIUM INTERIOR ELEVATION
1/4" = 1'-0"



1 GYMNASIUM INTERIOR ELEVATION
1/4" = 1'-0"

FIRE PROTECTION LEGEND

GENERAL	DEVICES	ABBREVIATIONS	
		<p>AFF ABOVE FINISH FLOOR AFG ABOVE FINISH GRADE AP ACCESS PANEL AC ABOVE CEILING ARCH ARCHITECT BLDG BUILDING BOP BOTTOM OF PIPE BOR BOTTOM OF RISER CI CAST IRON CLNG CEILING CLDI CEMENT LINED DUCTILE IRON CP CHROME PLATED CNR CONCENTRIC REDUCER CONT CONTINUATION DIA DIAMETER DWG DRAWING EA EACH ECC ECCENTRIC REDUCER EL OR ELEV. ELEVATION ELEC ELECTRIC EMER EMERGENCY ETBR EXISTING TO BE REMOVED ETR EXISTING TO REMAIN FFE FINISH FLOOR ELEVATION FLR FLOOR FT FOOT FURN FURNISHED GALV GALVANIZED GC GENERAL CONTRACTOR GPH GALLONS PER HOUR GPM GALLONS PER MINUTE</p>	<p>GWB GYPSUM WALL BOARD HMR HYDRAULICALLY MOST REMOTE INV INVERT JP JOCKEY PUMP KW KILOWATTS MAX MAXIMUM MECH MECHANICAL MIN MINIMUM MISC MISCELLANEOUS NA NOT APPLICABLE NC NORMALLY CLOSED NO NORMALLY OPEN NTS NOT TO SCALE NIC NOT IN CONTRACT PA PRE-ACTION PIV POST INDICATING VALVE POS PROVIDED UNER OTHER SECTION SCH SCHEDULE SC SITE CONTACTOR SPEC SPECIFICATION ST. ST. STAINLESS STEEL STD STANDARD STL STEEL TH TEST HEADER TOR TOP OF RISER TOS TOP OF STAIRS TYP TYPICAL UNO UNLESS NOTED OTHERWISE VIV VALVE IN VERTICAL W WITH W/O WITHOUT</p>
<p>EXISTING PIPING TO BE REMOVED HEAVY LINE INDICATES NEW WORK LIGHT LINE INDICATES EXISTING WORK PIPING INTERRUPTED OR TO BE CONTINUED CAP OR END OF PIPE CONNECT TO EXISTING DETAIL # DRAWING #</p> <p>CTE CONNECT TO EXISTING DETAIL DESIGNATION TAG</p> <p>DN ELBOW DOWN OR DROP UP ELBOW UP OR RISE FLOW IN DIRECTION OF ARROW HEAT TRACE TEE LOOKING DOWN TEE LOOKING UP WATER TIGHT SLEEVE</p>	<p>DELUGE ALARM VALVE ASSEMBLY DRY ALARM VALVE ASSEMBLY PREACTION ALARM VALVE ASSEMBLY WET ALARM VALVE ASSEMBLY KEYNOTE TAG HYDRAULIC REFERENCE NODE</p> <p>SIGNALING DEVICES</p> <p>FM FLOW METER FS FLOW SWITCH FS PRESSURE GAUGE TS TAMPER SWITCH</p>	<p>EL OR ELEV. ELEVATION ELEC ELECTRIC EMER EMERGENCY ETBR EXISTING TO BE REMOVED ETR EXISTING TO REMAIN FFE FINISH FLOOR ELEVATION FLR FLOOR FT FOOT FURN FURNISHED GALV GALVANIZED GC GENERAL CONTRACTOR GPH GALLONS PER HOUR GPM GALLONS PER MINUTE</p>	<p>GWB GYPSUM WALL BOARD HMR HYDRAULICALLY MOST REMOTE INV INVERT JP JOCKEY PUMP KW KILOWATTS MAX MAXIMUM MECH MECHANICAL MIN MINIMUM MISC MISCELLANEOUS NA NOT APPLICABLE NC NORMALLY CLOSED NO NORMALLY OPEN NTS NOT TO SCALE NIC NOT IN CONTRACT PA PRE-ACTION PIV POST INDICATING VALVE POS PROVIDED UNER OTHER SECTION SCH SCHEDULE SC SITE CONTACTOR SPEC SPECIFICATION ST. ST. STAINLESS STEEL STD STANDARD STL STEEL TH TEST HEADER TOR TOP OF RISER TOS TOP OF STAIRS TYP TYPICAL UNO UNLESS NOTED OTHERWISE VIV VALVE IN VERTICAL W WITH W/O WITHOUT</p>
<p>SYSTEMS</p> <p>BURIED FIRE SERVICE FIRE SERVICE, MAIN DISTRIBUTION AND/OR STANDPIPE FEED F(DRY) DRY DISTRIBUTION AND/OR STANDPIPE FEED FDC FIRE DEPARTMENT INLET CONNECTION SPR WET SPRINKLER SPR(PA) PREACTION SPRINKLER SPR(DRY) DRY SPRINKLER SPD SPRINKLER DRAIN TH (FIRE PUMP) TEST HEADER</p>	<p>CONCEALED SPRINKLER HEAD CONCEALED SPRINKLER (DRY SYSTEM) EXISTING SPRINKLER TO REMAIN EXISTING SPRINKLER TO BE REMOVED EXTENDED COVERAGE SIDEWALL SPRINKLER INSTITUTIONAL SIDEWALL SPRINKLER INSTITUTIONAL SPRINKLER HEAD INSTITUTIONAL SPRINKLER PENDENT SPRINKLER PENDENT SPRINKLER (DRY SYSTEM) PENDENT SPRINKLER WICAGE SEMI-RECESSED SPRINKLER SIDEWALL SPRINKLER UPRIGHT SPRINKLER UPRIGHT SPRINKLER (DRY SYSTEM) UPRIGHT SPRINKLER WICAGE WINDOW WASH SPRINKLER</p>	<p>SPR WET SPRINKLER SPR(PA) PREACTION SPRINKLER SPR(DRY) DRY SPRINKLER SPD SPRINKLER DRAIN TH (FIRE PUMP) TEST HEADER</p>	
<p>VALVES</p> <p>BV BALL VALVE CV CHECK VALVE DCVA DOUBLE CHECK VALVE ASSEMBLY GV GATE VALVE FDC FIRE DEPARTMENT CONNECTION SIEMESE FDC FIRE DEPARTMENT CONNECTION STORZ FVC FIRE DEPARTMENT VALVE FHC FIRE HOSE CABINET FCV FLOOR CONTROL VALVE ASSEMBLY OS&Y SUPERVISED OUTSIDE SCREW & YOLK VALVE STRAINER VV VALVE IN VERTICAL</p>			

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

TYPICAL NOTES
(APPLICABLE TO ALL DRAWINGS)

- ALL SPRINKLER HEADS IN 2x4' CEILING TILES TO BE ON CENTERLINE OF 2'-0" DIMENSION AND TO BE AT 1'-0" OFF EITHER END OR IN THE EXACT CENTER OF THE 4'-0" DIMENSION.
- ALL SPRINKLER HEADS IN 2x2' CEILING TILES TO BE CENTERED IN THE EXACT CENTER OF THE TILE.
- ALL PIPING SHALL RUN HIGH THRU THE STRUCTURE WITH OFFSETS UP OR DOWN, AS REQUIRED.

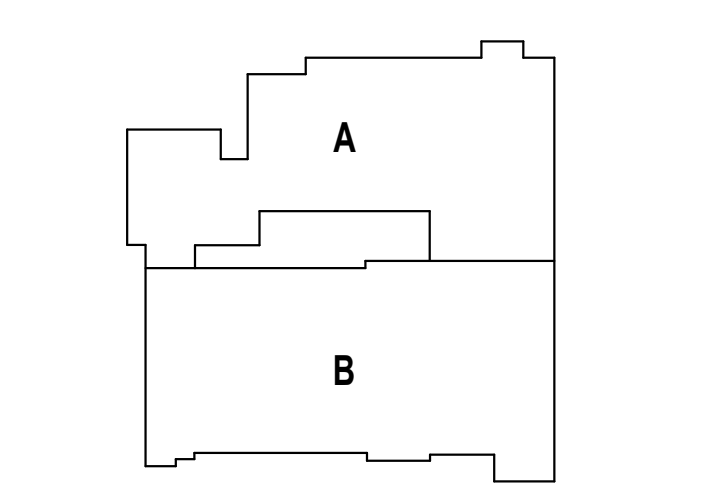
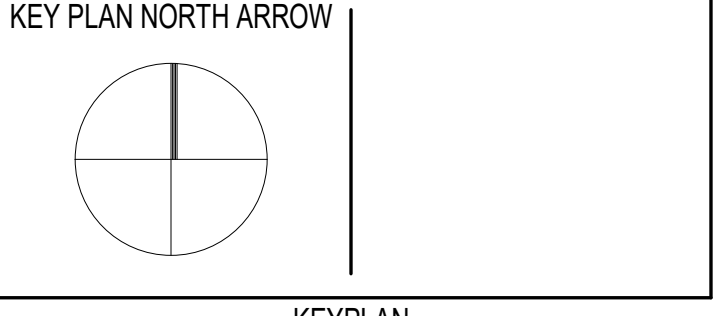
MINIMUM DESIGN CRITERIA

- 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 0.10 GPM/SF. OVER THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT.



KEYNOTE LEGEND:

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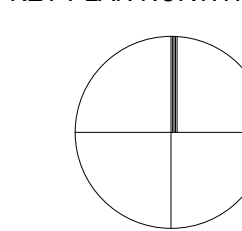
DRAWING NAME:
**FIRE PROTECTION
LEGEND & GENERAL
NOTES**

DRAWN BY: SPD
REVIEWED BY: AMD
SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.04
DATE: June 22, 2023 | FP0.01 B3

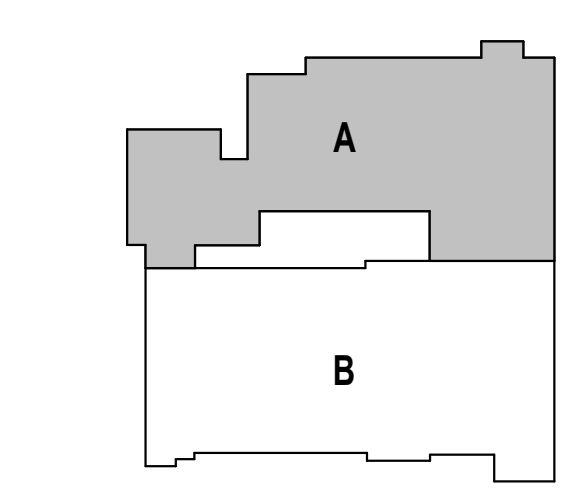
KEYNOTE LEGEND:

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BID PACKAGE #3

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**FIRE PROTECTION
ENLARGED GYMNASIUM
PLAN**

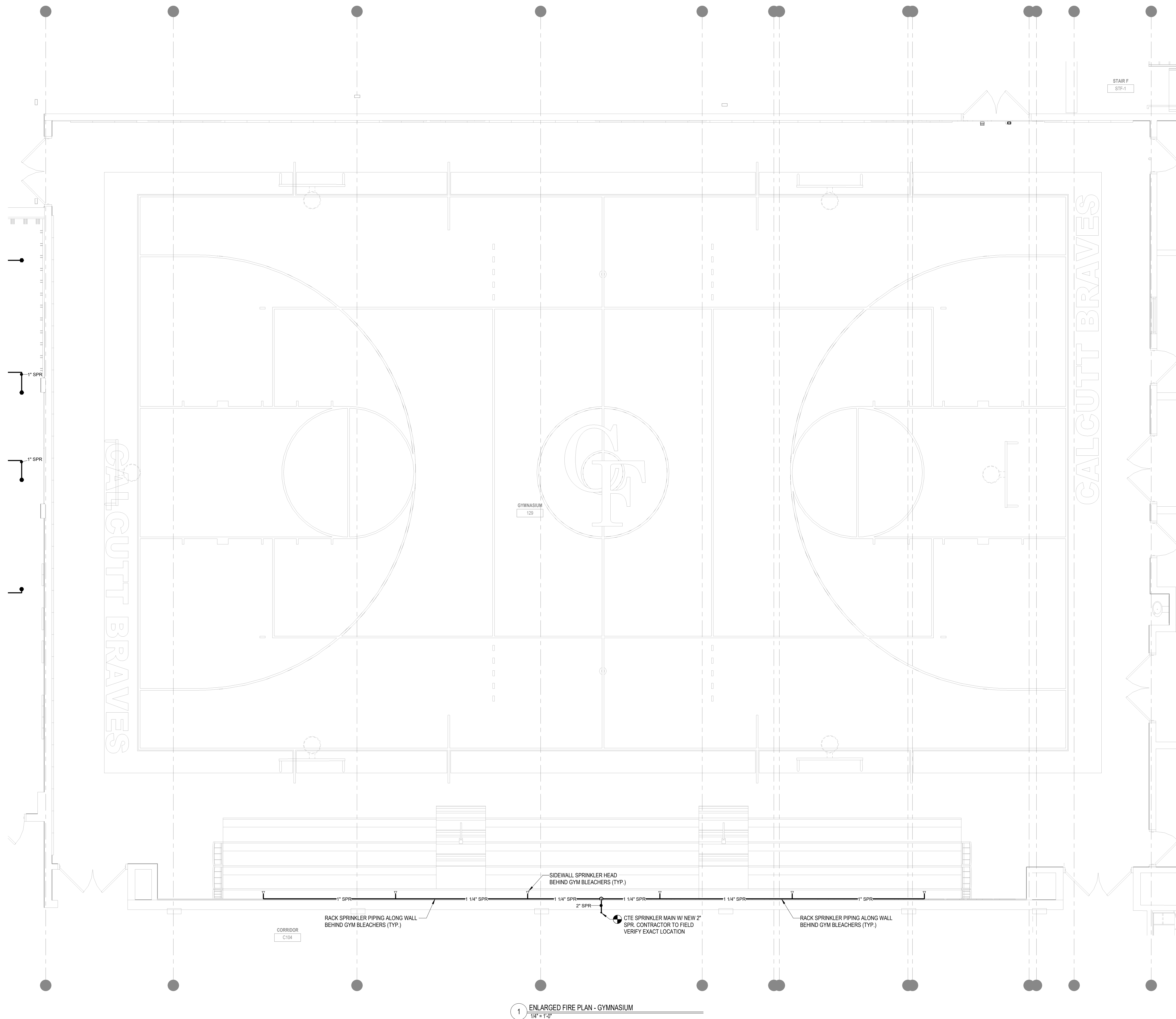
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JOB NO.: 2202.04 FP3.01 B3

DATE: June 22, 2023



1 ENLARGED FIRE PLAN - GYMNASIUM
1/8" = 1'-0"

PLUMBING LEGEND

GENERAL		DRAINAGE		VALVES	
	EXISTING PIPING TO BE REMOVED		IW INDIRECT WASTE		BALANCING VALVE
	HEAVY LINE INDICATES NEW WORK		KW KITCHEN WASTE		BALL VALVE
	LIGHT LINE INDICATES EXISTING WORK		KW KITCHEN WASTE BURIED		BALL VALVE NORMALLY OPEN
	PIPING INTERRUPTED OR TO BE CONTINUED		KV KITCHEN VENT		BUTTERFLY VALVE
	CAP OR END OF PIPE		ORL OVERFLOW RAINWATER / OVERFLOW STORM DRAIN		CHECK VALVE
	CONNECT TO EXISTING		RL RAINWATER / STORM DRAIN		GATE VALVE
	DETAIL # DRAWING #		RL RAINWATER / STORM DRAIN BURIED		GATE VALVE NORMALLY CLOSED
	CTE		LW LAB WASTE		MIXING VALVE (ELEVATION & PLAN)
	DETAIL DESIGNATION TAG		LV LAB WASTE VENT		PRESSURE REDUCING / REGULATING VALVE
	DIRECTION OF SLOPE		LV LAB WASTE BURIED		REDUCED PRESSURE BACKFLOW PREVENTER (2" OR LESS)
	DN ELBOW DOWN OR DROP		US UNDERSLAB DRAINAGE BURIED		REDUCED PRESSURE BACKFLOW PREVENTER (ADJUSTABLE SET TURNED UP)
	UP ELBOW UP OR RISE		GW GARAGE WASTE		REDUCED PRESSURE BACKFLOW PREVENTER (ADJUSTABLE SET TURNED DOWN)
	FLOW IN DIRECTION OF ARROW		GW GARAGE WASTE BURIED		SOLENOID VALVE
	HC HANDICAPPED ACCESSIBLE		GV GARAGE VENT		TEMPERATURE AND PRESSURE RELIEF VALVE
	TEE LOOKING DOWN		V SANITARY VENT		VALVE IN VERTICAL
	TEE LOOKING UP		V SANITARY VENT BURIED		
ABBREVIATIONS			W SOIL / SANITARY WASTE	ACCESSORIES	
AC ABOVE CEILING	GPM GALLONS PER MINUTE		W SOIL / SANITARY WASTE BURIED	FM FLOW METER	
AD ACCESS DOOR	GWH GAS WATER HEATER		W SOIL / SANITARY PIPING W/ HEAT TRACE	GH GROUND HYDRANT	
AFF ABOVE FINISH FLOOR	HB HOSE BIBB		RL RAIN LEADER PIPING W/ HEAT TRACE	HB HOSE BIBB	
AFG ABOVE FINISH GRADE	HP HORSEPOWER		AD AREA DRAIN		
AP ACCESS PANEL	HVAC HEAT, VENTILATION & AIR CONDITIONING		CO CLEANOUT		
ARCH ARCHITECT	ID INSIDE DIAMETER		FCO FLOOR CLEANOUT		
BHP BRAKE HORSEPOWER	INV INVERT		FD FLOOR DRAIN		
BT BATH TUB	L LAVATORY		GCO GROUND CLEANOUT		
BPW BED PAN WASHER	LS LAB SINK		OD OVERFLOW DRAIN / SECONDARY ROOF DRAIN		
BLDG BUILDING	MAX MAXIMUM		P-TRAP		
CI CAST IRON	MIN MINIMUM		RD ROOF DRAIN		
CFM CUBIC FEET PER MINUTE	MSB MOP SERVICE BASIN		WCO WALL CLEANOUT		
CLNG CEILING	NIA NOT APPLICABLE	GAS			
CLDI CEMENT LINED DUCTILE IRON	NC NORMALLY CLOSED		CA COMPRESSED AIR		
CP CHROME PLATED	NO NORMALLY OPEN	WATER			
CS CUP SINK	NTS NOT TO SCALE		140°F 140° HOT WATER		
DIA DIAMETER	NIC NOT IN CONTRACT		140°F 140° HOT WATER RETURN		
DWG DRAWING	OD OUTSIDE DIAMETER		CW COLD WATER		
DF DRINKING FOUNTAIN	ORD OVERFLOW ROOF DRAIN		CW - WD COLD WATER - WASHDOWN		
EFF EFFICIENCY	PC PLUMBING CONTRACTOR		HW HOT WATER		
EL ELEVATION	POS PROVIDED UNDER OTHER SECTION		HWR HOT WATER RETURN		
EWC ELECTRIC WATER COOLER	RPM REVOLUTIONS PER MINUTE		TP TRAP PRIMER		
EW EMERGENCY EYE WASH	SC SITE CONTRACTOR		EW EMERGENCY WATER W/ HEAT TRACE		
ES EMERGENCY SHOWER	SH SHOWER		NPCW NON POTABLE COLD WATER		
ETRH ELECTRIC WATER HEATER	SK SINK		NPHW NON POTABLE HOT WATER		
ETBR EXISTING TO BE REMOVED	SPEC SPECIFICATION		NPHWR NON POTABLE HOT WATER RETURN		
ETR EXISTING TO REMAIN	ST. ST. STAINLESS STEEL		HPHWS HEAT PUMP HOT WATER - SUPPLY		
FFE FINISH FLOOR ELEVATION	SF SQUARE FEET		HPHWR HEAT PUMP HOT WATER - RETURN		
FH FUME HOOD	SWH STEAM WATER HEATER				
FLR FLOOR	TYP TYPICAL				
FT FOOT	UR URINAL				
FRS FLUSHING RIM SERVICE SINK	WC WATER CLOSET				
GALV GALVANIZED					
GC GENERAL CONTRACTOR					

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

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	FIXTURE		WATER SUPPLY			APPURTENANCES				WASTE & TRAP	CARRIER	CONNECTION SIZE										ADA MET	REMARKS			
		MANUFACTURER	MODEL	MANUFACTURER	MODEL NO	SUPPLY	MANUFACTURER	MODEL NO	TYPE	MANUFACTURER			MODEL NO	TYPE	WASTE	VENT	HOT	COLD	TW	NPCW	NPHW	IW			LW	LV	KW
EWC-1	ELECTRIC WATER COOLER	HALSEY TAYLOR	HTHB-OVLSER-I	--	--	--	HALSEY TAYLOR	55898C	REPLACEMENT FILTER	--	--	--	--	--	--	2'	2'	--	1/2'	--	--	--	--	--	--	Y	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: *ALL PLUMBING FIXTURES THAT ARE ACCESSIBLE & SHALL BE INSTALLED PER ADA STANDARDS, MASS. ARCHITECTURAL BARRIERS BOARD (MAAB).
 *REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS.
 *REFER TO ARCHITECTURAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
 *CONTRACTOR TO PROVIDE SOLID INTERCEPTOR ON ALL ART ROOM SINKS.



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 Framingham, MA
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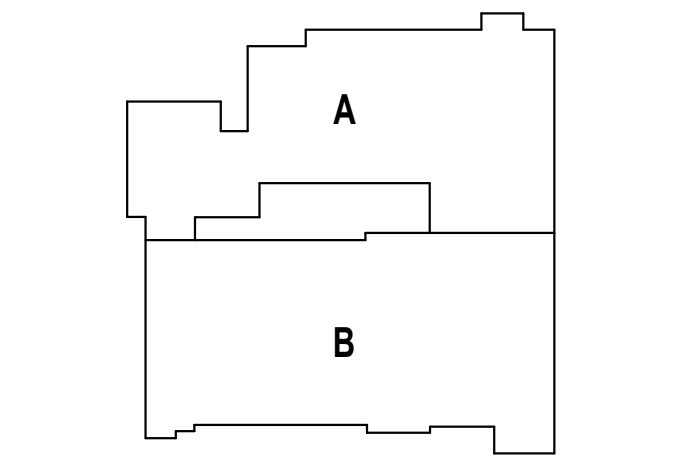
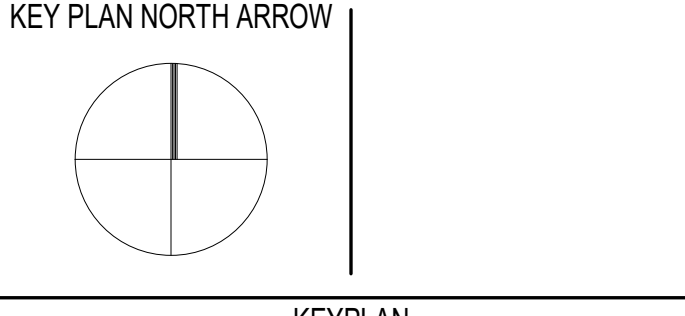
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KEYNOTE LEGEND:

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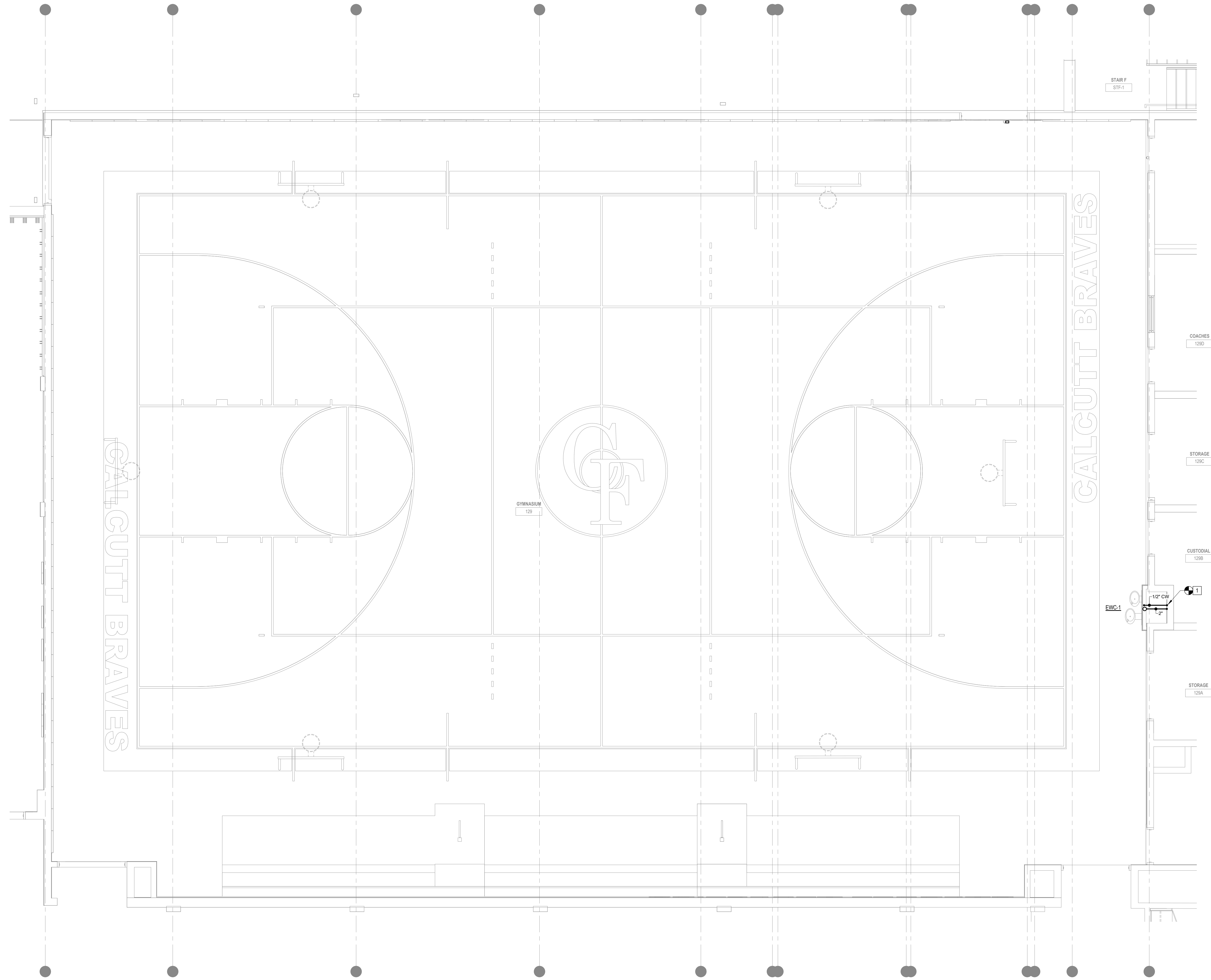
DRAWING NAME:
PLUMBING LEGEND, GENERAL NOTES & SCHEDULES

DRAWN BY: SPD
 REVIEWED BY: AMD

SCALE: AS NOTED | DRAWING NUMBER:
 JOB NO.: 2202.04
 DATE: June 22, 2023 | **P0.01 B3**

KEYED NOTES

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

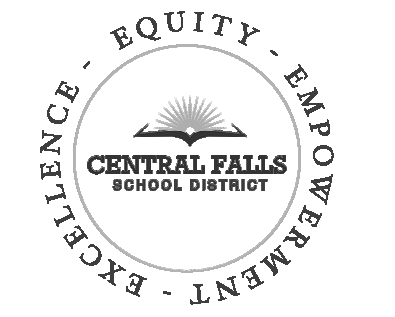


1 ENLARGED PLAN - GYMNASIUM
1/4" = 1'-0"



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Consulting Engineers
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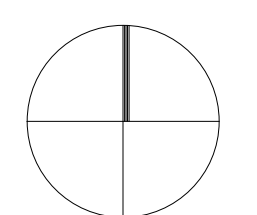


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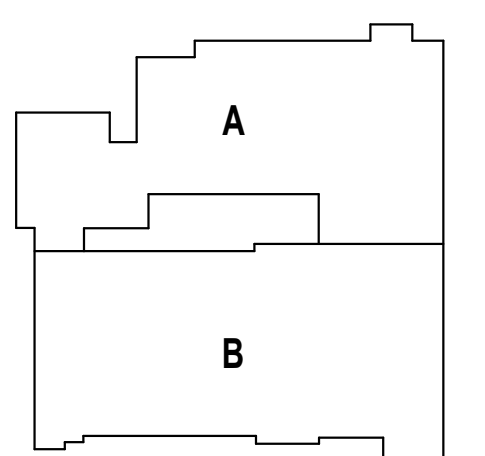
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KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**PLUMBING
ENLARGED GYMNASIUM
PLAN**

DRAWN BY: SPD

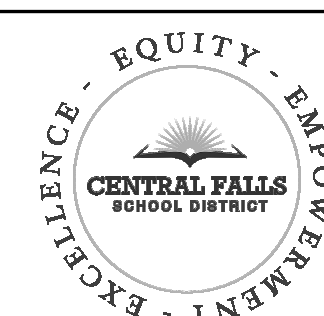
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JOB NO.: 2202.04

DATE: June 22, 2023

P3.01 B3

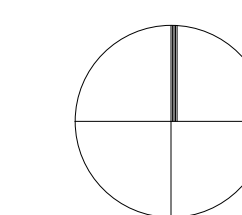


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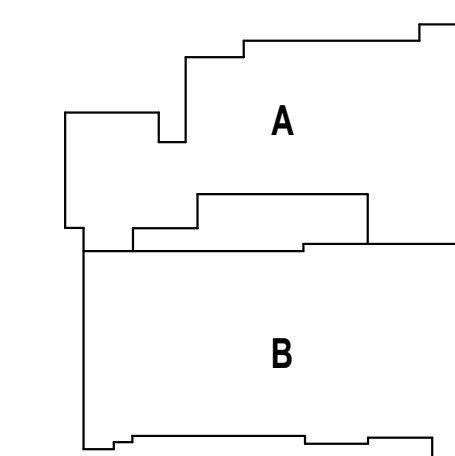
KEYNOTE LEGEND:

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KEY PLAN NORTH ARROW



KEY PLAN



DRAWING NAME:

**PLUMBING
ENLARGED ROOF PLANS**

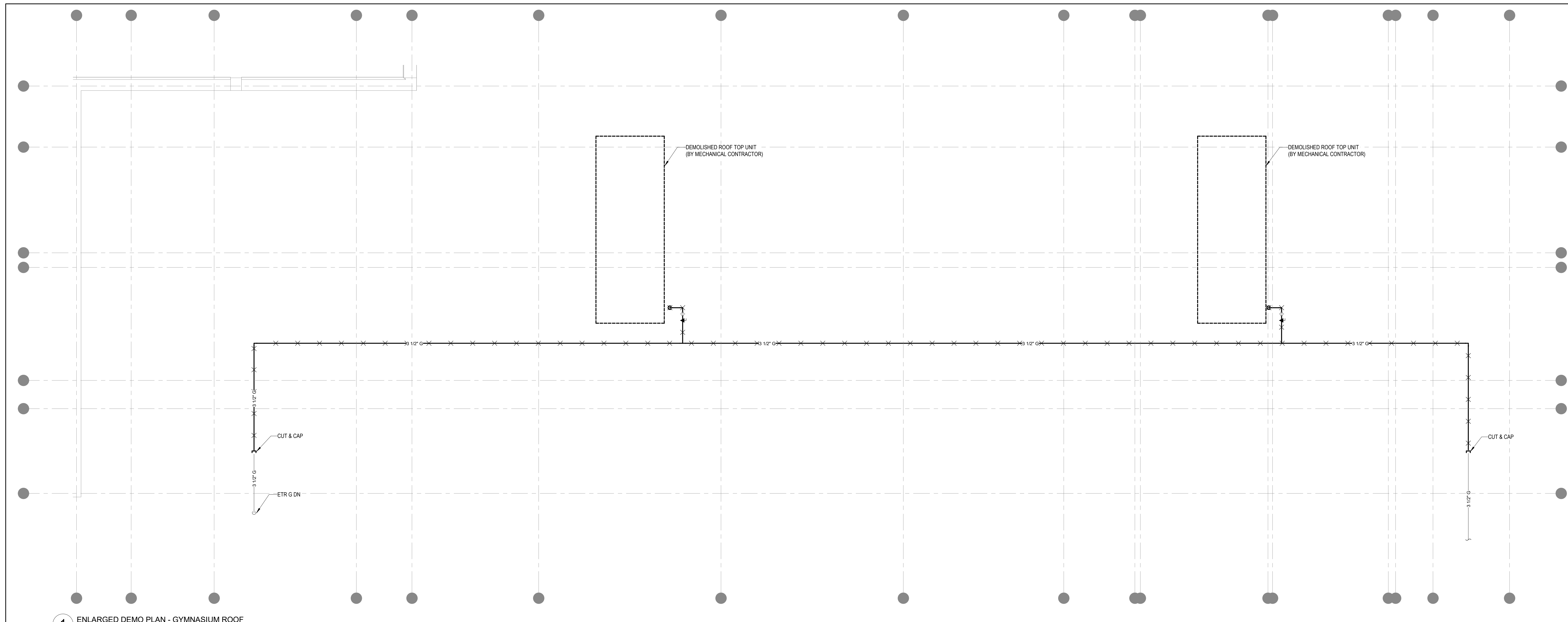
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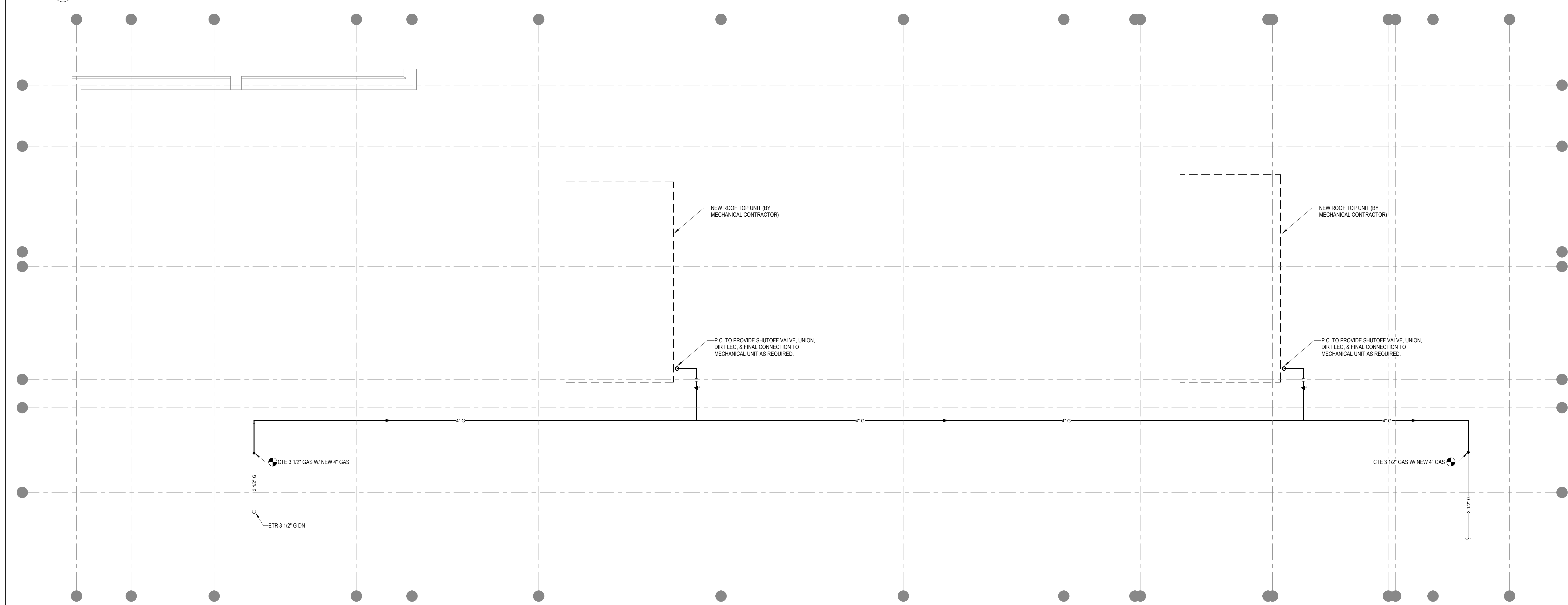
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JOB NO.: 2202.04

DATE: June 22, 2023 | **P3.02 B3**



1 ENLARGED DEMO PLAN - GYMNASIUM ROOF
Scale: 1/4" = 1'-0"



2 ENLARGED PLAN - GYMNASIUM ROOF
Scale: 1/4" = 1'-0"

ABBREVIATIONS

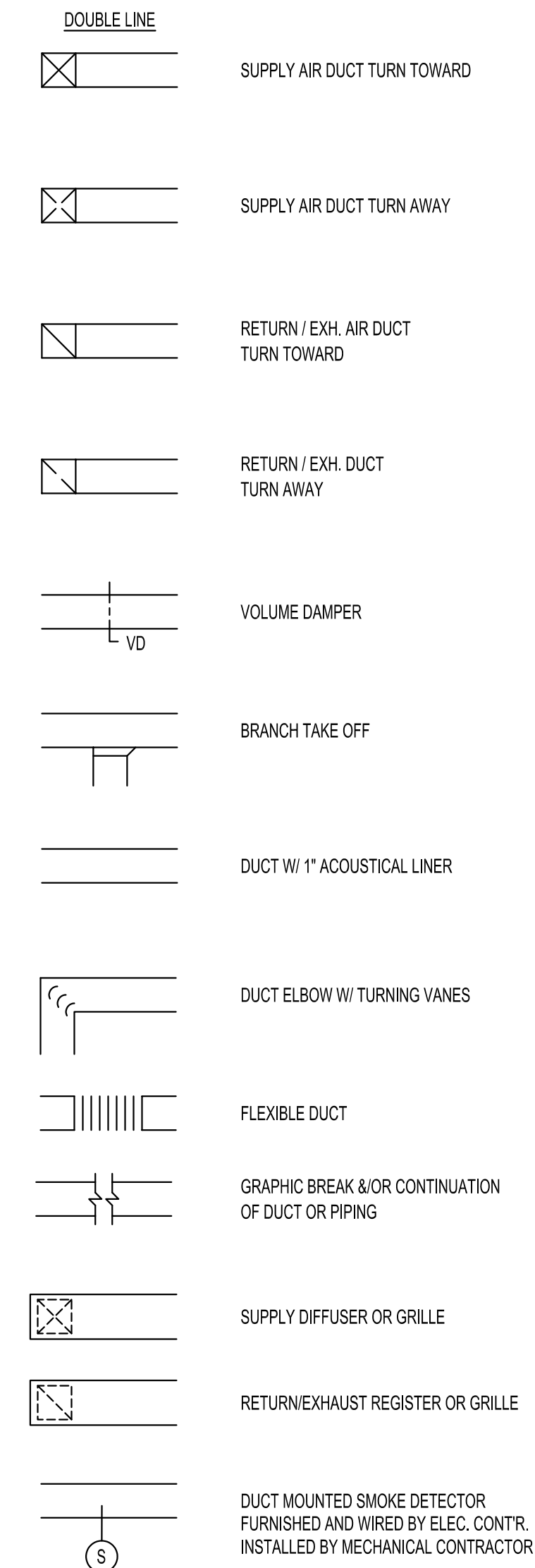
AD	ACCESS DOOR	LAT	LEAVING AIR TEMP. DEGREES F.
AFG	ABOVE FINISHED GRADE	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
AP	ACCESS PANEL	OA	OUTSIDE AIR
ATC	TEMPERATURE CONTROL CONTRACTOR	PC	PLUMBING CONTRACTOR
BDD	BACK DRAFT DAMPER	PD	PRESSURE DROP (FEET OF WATER)
CFM	CUBIC FEET PER MINUTE	R	RETURN AIR DEVICE
CO	CLEAN OUT	RTU	ROOF TOP UNIT
DB	DRY BULB TEMP. DEGREES F.	S	SUPPLY AIR DEVICE
E	EXHAUST AIR DEVICE	SA	SOUND ATTENUATOR
EAT	ENTERING AIR TEMP. DEGREES F.	VFD	VARIABLE FREQUENCY DRIVE
EC	ELECTRICAL CONTRACTOR	WB	WET BULB TEMP. DEGREES F.
EF	EXHAUST FAN	WMS	WIRE MESH SCREEN
GC	GENERAL CONTRACTOR		
HVAC	HEATING, VENTILATING & AIR CONDITIONING CONTRACTOR		

GENERAL MECHANICAL NOTES

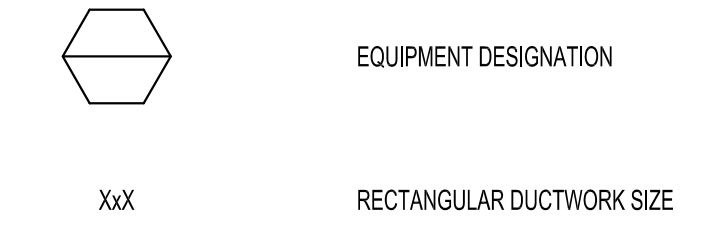
APPLICABLE TO ALL DRAWINGS

- THE HVAC SUBCONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE CEILING HEIGHTS WHICH SHALL BE MAINTAINED.
- THE HVAC SUBCONTRACTOR SHALL INVESTIGATE AVAILABLE SPACE FOR ALL EQUIPMENT IN CEILINGS BEFORE SUBMISSION OF SHOP DRAWINGS.
- 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.
- 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.
- ALL SQUARE ELBOWS AND BULLHEAD TEES SHALL HAVE TURNING VANES.
- 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.
- ALL DUCTWORK SHALL BE RUN ABOVE THE CEILINGS UNLESS NOTED OTHERWISE.
- ALL MATERIALS INSTALLED IN THIS WORK SHALL BE NEW UNLESS SPECIFICALLY NOTED FOR RE-USE.
- 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.
- 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.
- ALL EQUIPMENT TO BE INSTALLED EXPOSED IN FINISHED AREAS (REGISTERS, GRILLES, DIFFUSERS, ETC.) SHALL HAVE COLORS SELECTED BY THE ARCHITECT UNLESS OTHERWISE NOTED.
- 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.
- THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RIGGING AND STAGING REQUIRED FOR THE INSTALLATION OF THE HVAC SYSTEMS.
- UNDERCUT DOORS AND DOOR LOUVERS ARE BY THE GENERAL CONTRACTOR.
- HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHEETMETAL TRANSITIONS AT AIR TERMINAL UNITS, FANS, COILS AND OTHER SIMILAR HVAC EQUIPMENT.

SHEETMETAL



GENERAL



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KEYNOTE LEGEND:

ROOF TOP UNIT SCHEDULE

ITEM	MFG'R	MODEL	SERVICE	CFM			ELECTRICAL DATA				SUPPLY FAN DATA				RETURN/EXHAUST FAN DATA				AMBIENT DATA DESIGN O.A.		COMPRESSOR DATA			FILTER DATA		GAS FURNACE HEATING DATA				EXH. FAN HP	AMBIENT DATA DESIGN O.A.		DX DATA								UNIT EER	UNIT IPLV	REMARKS
				SA	RA	OA	VOLTS	PH	HZ	MCA	MFS	RPM	ESP	HP	BHP	RPM	ESP	HP	BHP	QTY.	TYPE	RLA EA.	TYPE PRE/POST	MBH INPUT	MBH OUTPUT	EAT	LAT	DESIGN O.A. DB/WB	DESIGN O.A. DB/WB		EAT	LAT	DB/WB	LAT	TOT. MBH	SENS. MBH	M. FACE VEL. FPM	PD AIR					
RTU-1	TRANE	OAKD300A3	GYM	8000	5500	2500	208	3	60	156.6	200.0	2149	0.8	10	7.36	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	52.1/51.8	311.3	236.9	400	0.37	-	-					
RTU-2	TRANE	OAKD300A3	GYM	8000	5500	2500	208	3	60	156.6	200.0	2149	0.8	10	7.36	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	52.1/51.8	311.3	236.9	400	0.37	-	-					

- ACCEPTABLE ALT. MANUFACTURERS: JOHNSON CONTROLS, CARRIER, DAIKIN
- PROVIDE INTEGRATED SUPPLY & EXHAUST VFD, STAINLESS STEEL FURNACE, & DIGITAL SCROLL COMPRESSORS.

SOUND ATTENUATOR SCHEDULE

ITEM	MFG'R	MODEL	CFM	TOTAL LENGTH FT.	FACE DIMENSIONS W X H	FACE VELOCITY FPM	SILENCER P.D. IN. W.G.	P.D. WITH SYSTEM EFFECT	DYNAMIC INSERTION LOSS Hz								REMARKS
									63	125	250	500	1K	2K	4K	8K	
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	

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KEY PLAN NORTH ARROW

KEYPLAN

DRAWING NAME:

**MECHANICAL
LEGEND & SCHEDULES**

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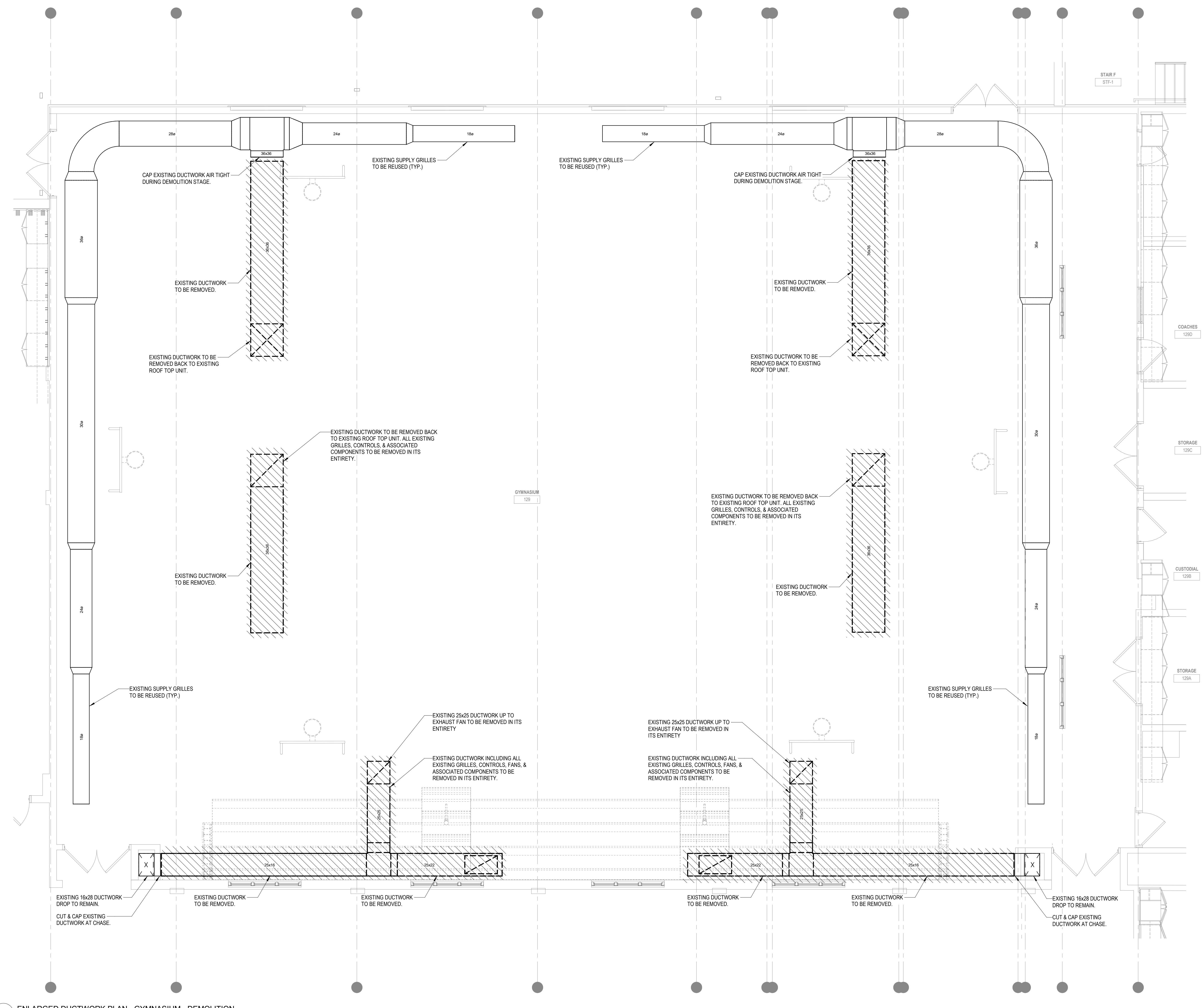
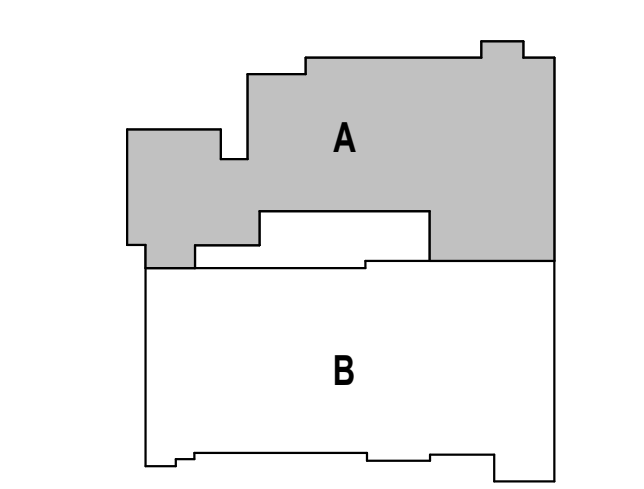
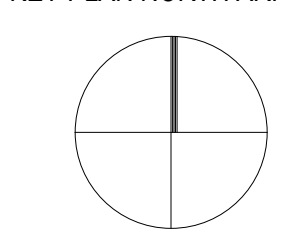
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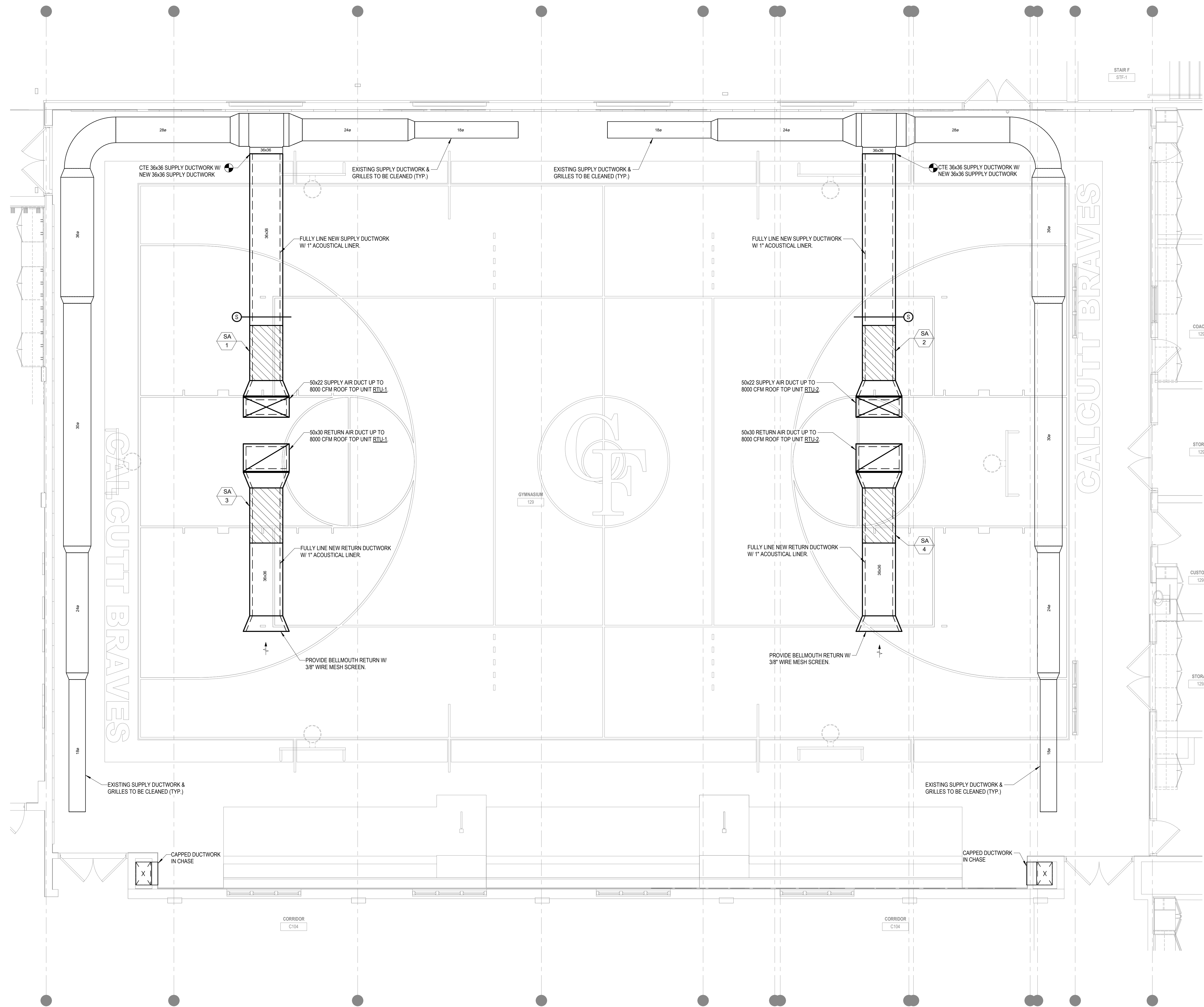
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M0.01 B3



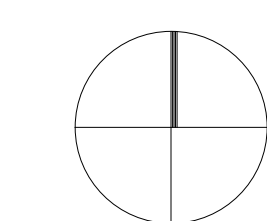
1 ENLARGED DUCTWORK PLAN - GYMNASIUM - DEMOLITION
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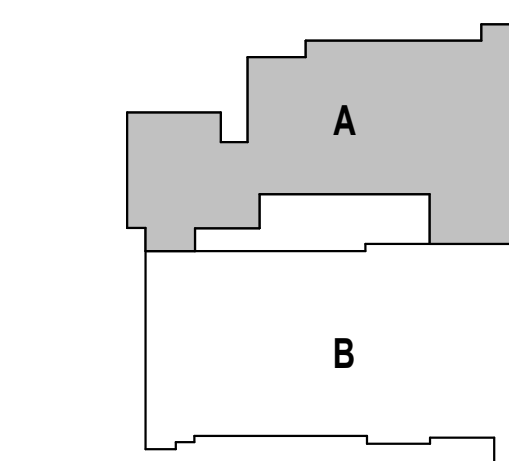
1 ENLARGED DUCTWORK PLAN - GYMNASIUM
1/4" = 1'-0"

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KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**MECHANICAL
ENLARGED GYMNASIUM
PLAN**

DRAWN BY: SPD

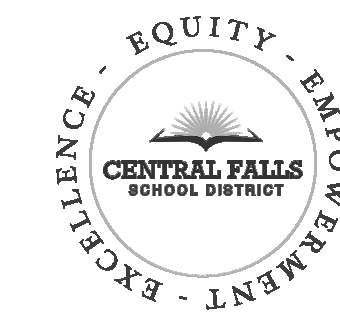
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M3.02 B3

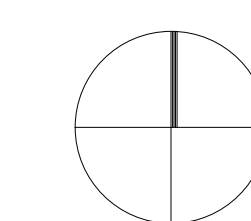


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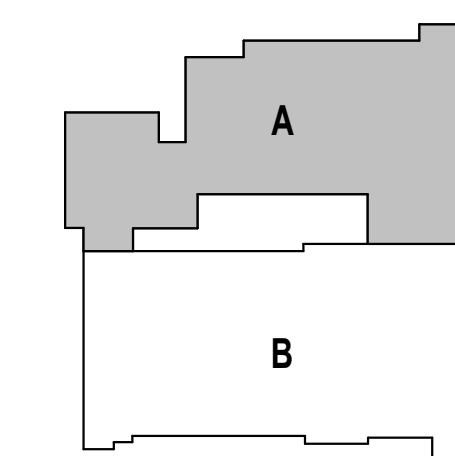
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KEY PLAN NORTH ARROW



KEYPLAN



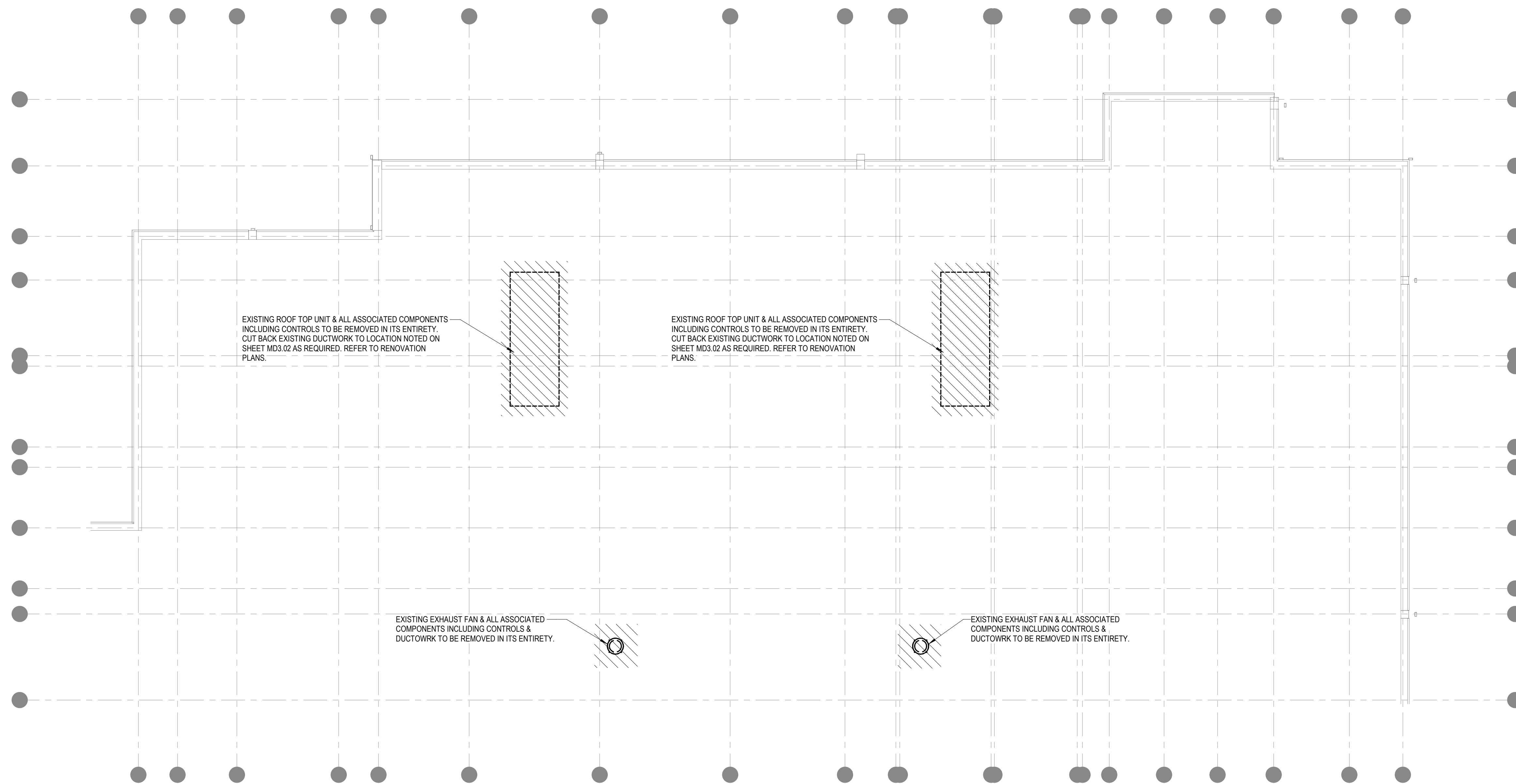
DRAWING NAME:

**MECHANICAL
ROOF PLANS DEMOLITION
& RENOVATION**

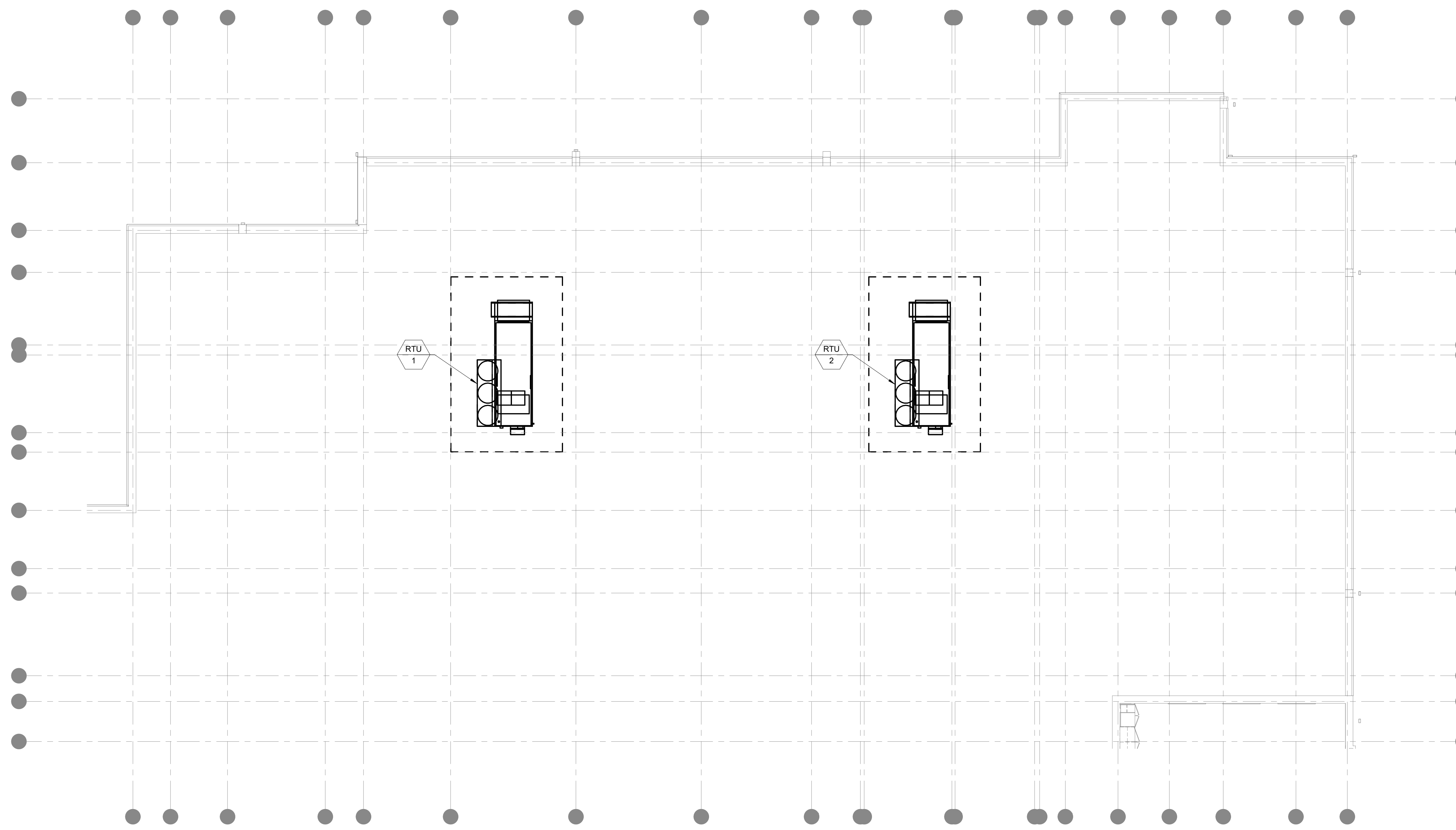
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SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.04
DATE: June 22, 2023 | **M3.03 B3**



2 MECHANICAL DEMO ROOF PLAN BP3
Scale: 1/8" = 1'-0"



1 MECHANICAL ROOF PLAN BP3
Scale: 1/8" = 1'-0"



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KEY PLAN NORTH ARROW

KEYPLAN

DRAWING NAME:

**MECHANICAL
DETAILS
& CONTROLS**

DRAWN BY: SPD

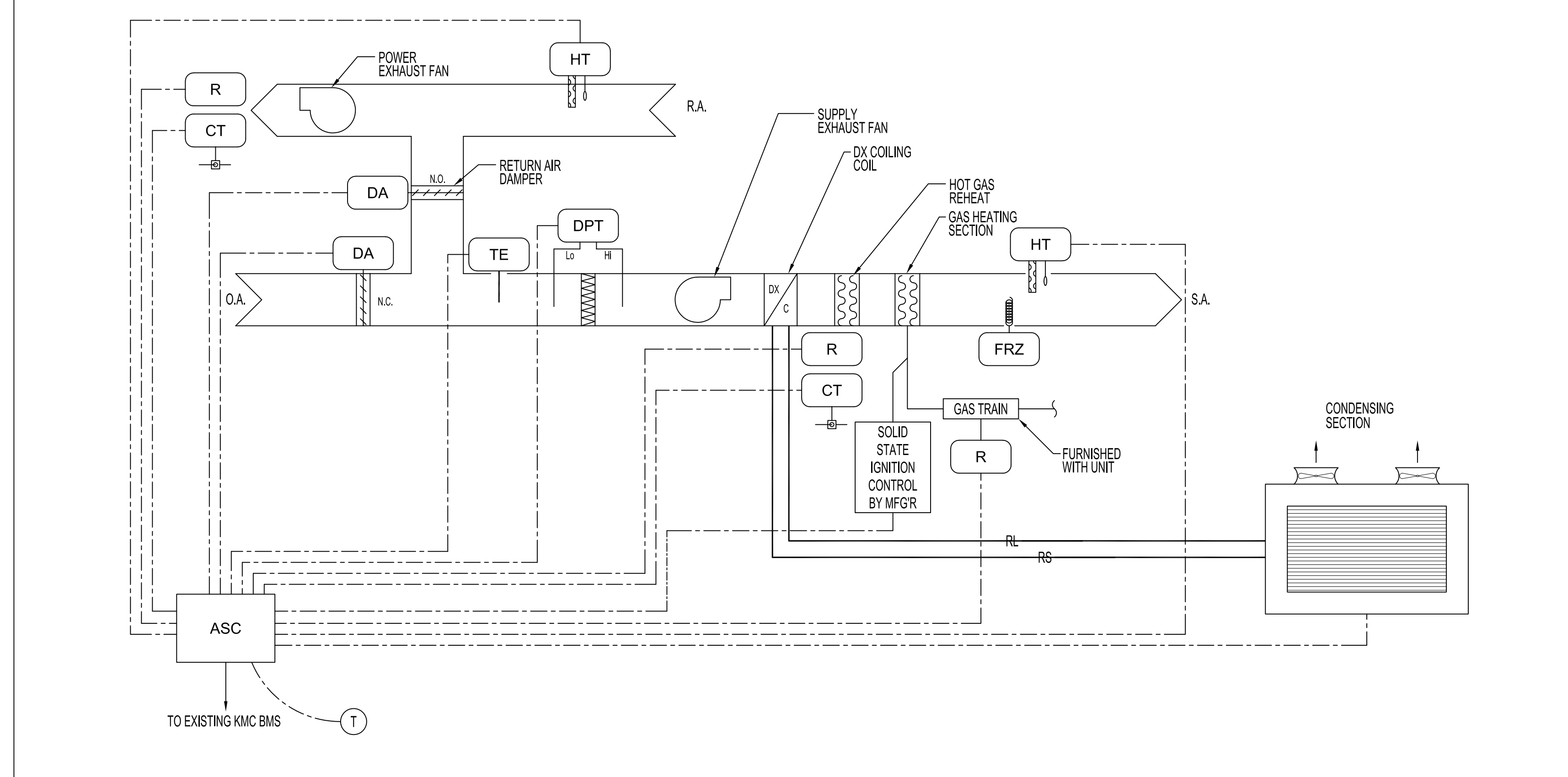
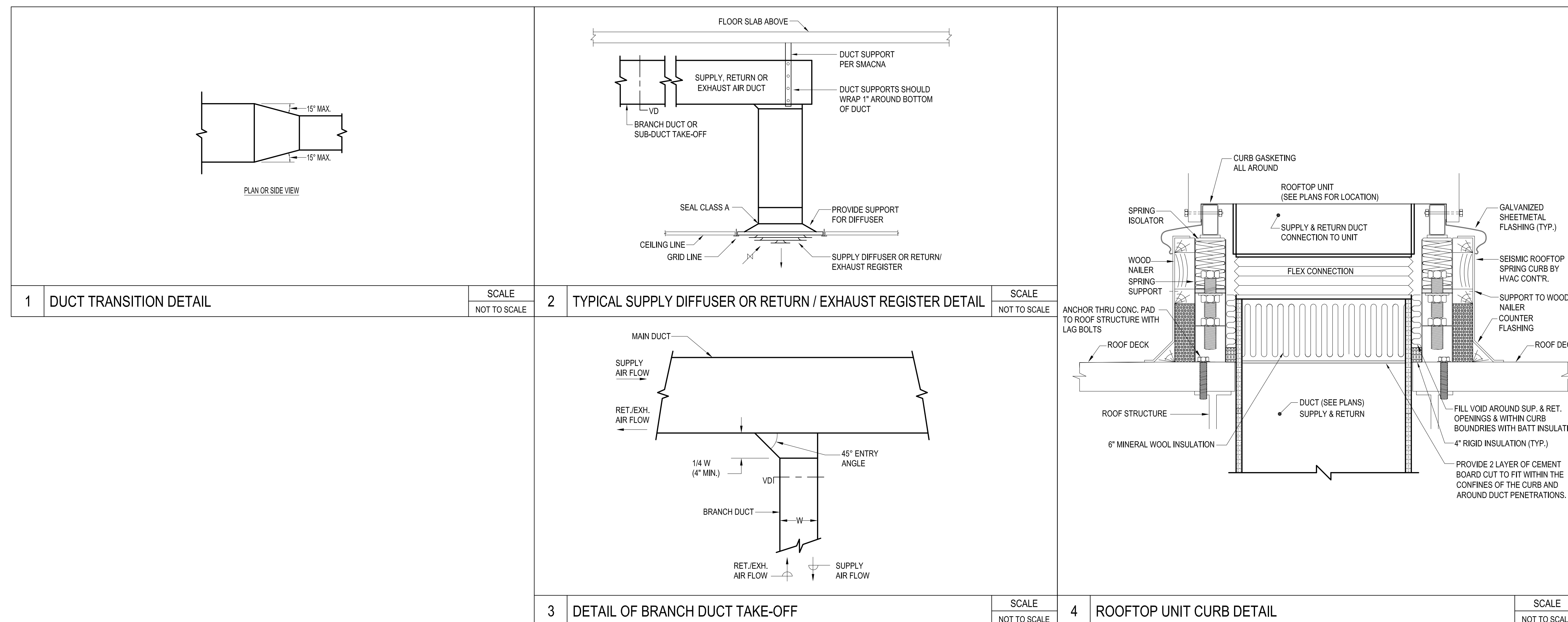
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JOB NO.: 2202.04

DATE: June 22, 2023

M6.01 B3



SEQUENCE OF OPERATION

Install NFPA approved smoke detectors, provided under Specifications Section 26 00 00, in each supply air and return air duct to each HVAC unit. The smoke detectors shall de-energize their respective units and activate all audio-visual indicating devices on sensing smoke in the air stream. Interlock with the integral return/exhaust fan serving the relevant space(s) such that the appropriate return/exhaust fan(s) enter the necessary operational cycle concurrently with their interlocked supply air fan(s).

Heating cycle - "Morning Warm-Up":

- The supply air fan shall run continuously. The fresh air damper(s) shall remain 100% closed, the return air damper(s) shall open to return 100%.
- The gas heating section shall be initiated until the return air temperature reaches the "Occupied" space set point temperature (72°F (adj)). Combustion shall be controlled and staged by the unit manufacturer's control package.

Heating cycle - "Occupied":

- The supply air fan shall run continuously. The fresh air damper(s) shall open to introduce the scheduled minimum air volume flow rate. The return air damper(s) shall track the position of the outside air damper to maintain total supply air flows.
- The gas fire heat exchanger shall be initiated to maintain space sensor setpoint of 72°F (adj).

Heating cycle - "Unoccupied":

- The supply air fan shall run only upon demand from the setback set point controller 65F (adj). The fresh air damper(s) shall remain 100% closed. The return air damper(s) shall open to return 100% of the air volume flow rate to the make-up air unit from the space.

Freeze Protection cycle:

- Provide an automatic reset type freeze-stat at the discharge of the roof top unit.
- On sensing a discharge air temperature of 35°F (adjustable) or below, the supply air fan and the return air fan shall be de-energized. The fresh air dampers and the exhaust air dampers shall close 100%, the return air dampers shall open 100% and all audio/visual alarm devices shall initiate.

Cooling cycle - "Morning Cool-Down":

- The supply air fan shall run continuously. The fresh air damper(s) shall remain 100% closed, the return air damper(s) shall open to return 100%.
- The DX cooling section shall be initiated until the return air temperature reaches the "Occupied" space set point temperature (75°F (adj)). Cooling shall be controlled and staged by the unit manufacturer's control package.

Cooling cycle - "Occupied":

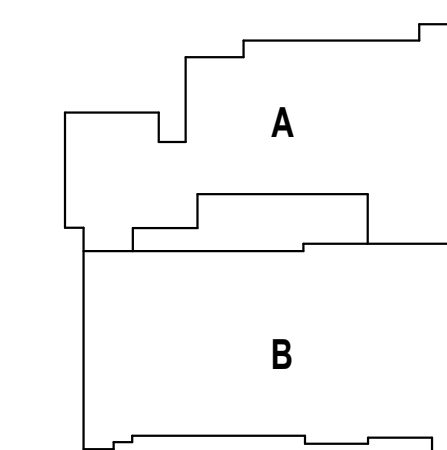
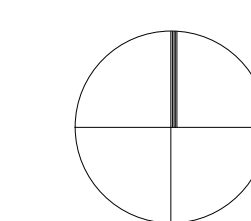
- The supply air fan shall run continuously. The fresh air damper(s) shall open to introduce the scheduled minimum air volume flow. The return air damper(s) shall track the position of the outside air damper to maintain total supply air flows.
- The DX section shall be staged to maintain the space set point temperature 75°F (adj).
- Economizer control shall use outside air for cooling requirements on sensing that the ambient enthalpy meets the unit discharge demands.

Cooling cycle - "Unoccupied":

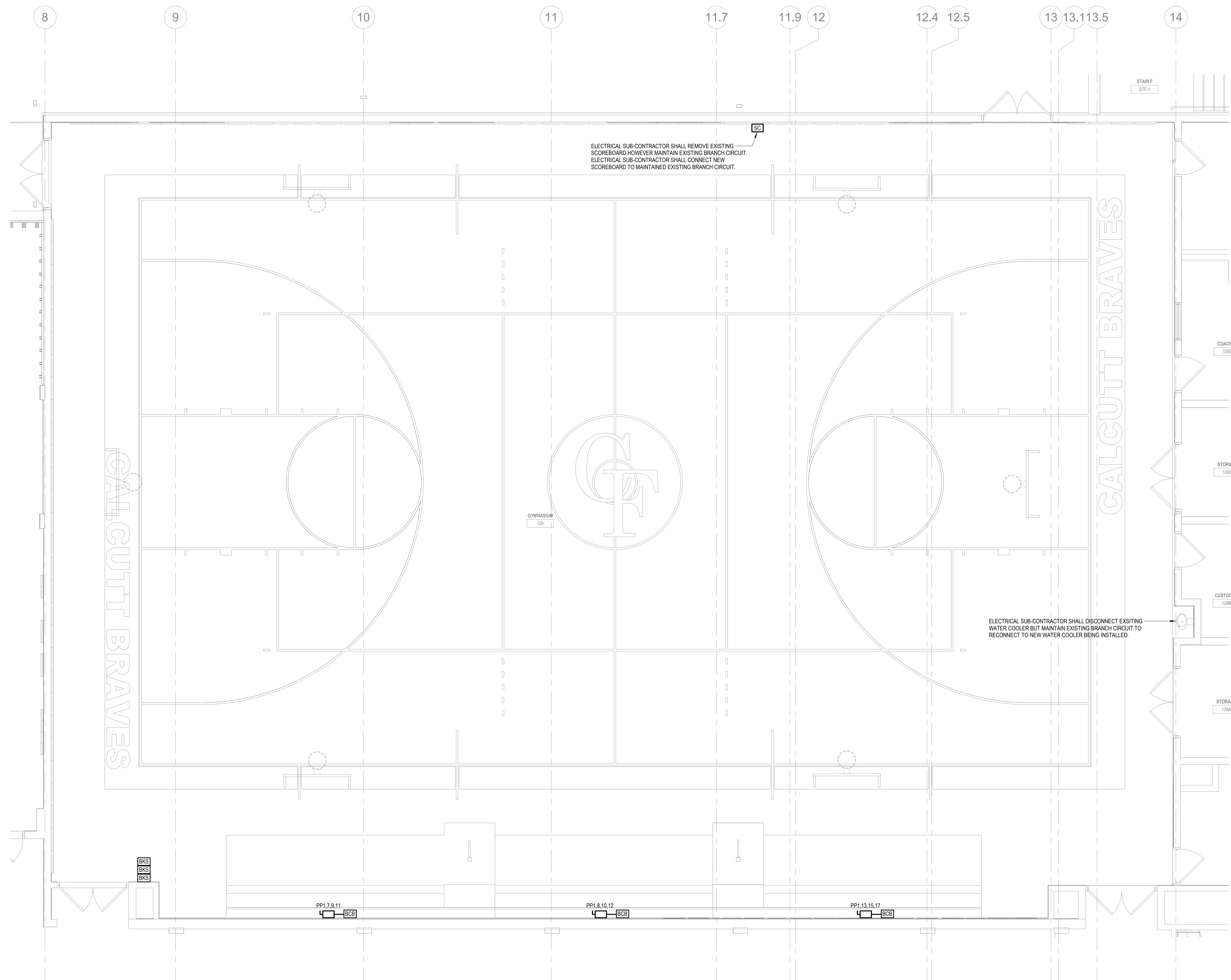
- The system shall remain de-energized. The fresh air damper(s) and the exhaust air damper(s) shall remain 100% closed, the return air damper(s) shall open 100%.

Dehumidification:

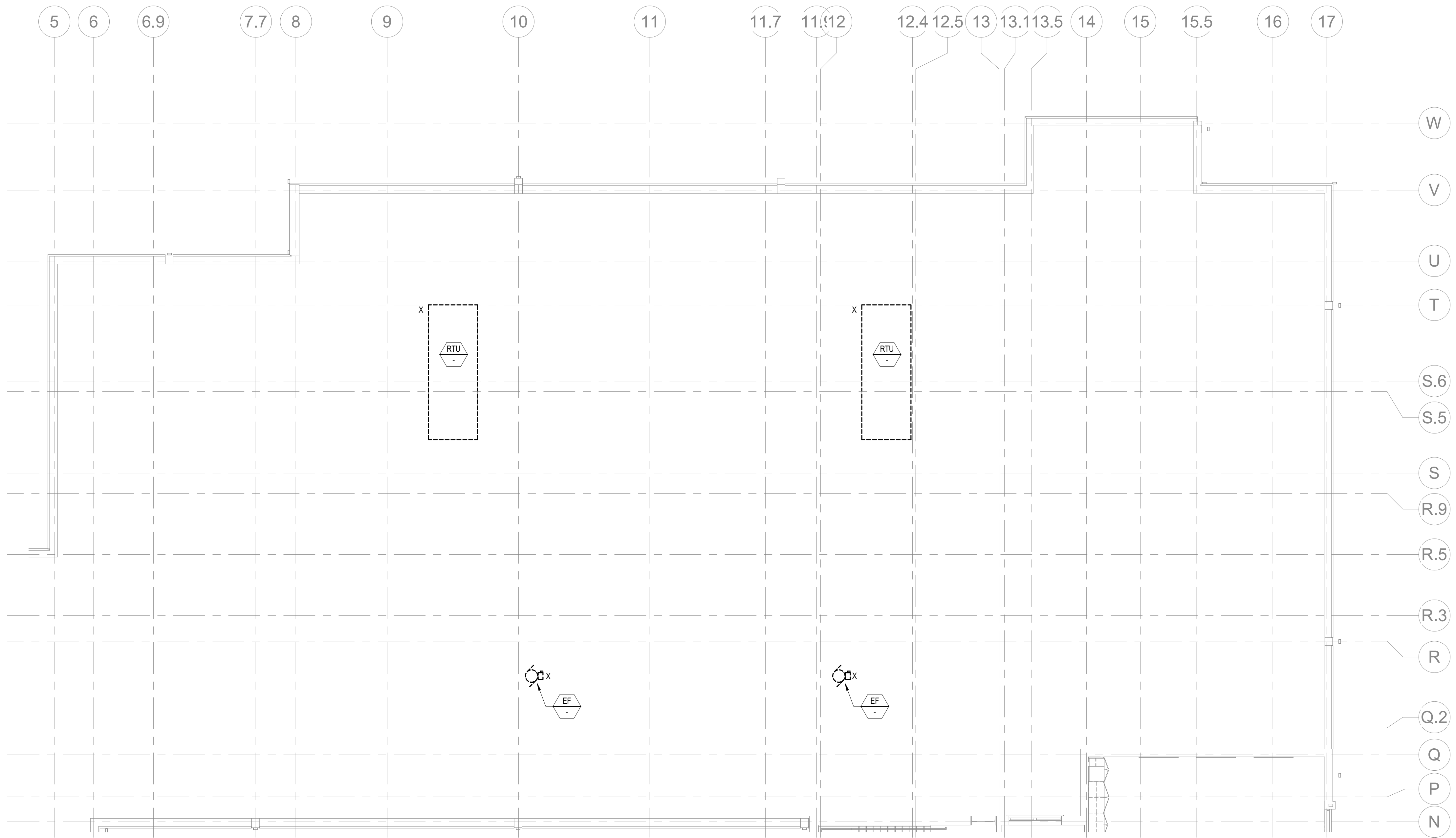
- Cool mode: Provides a normal ratio of Sensible and Latent Cooling effect from the evaporator coil.
- Reheat 1: Provides increased Latent Cooling while slightly reducing the Sensible Cooling effect.
- Reheat 2: Provides normal Latent Cooling but with null or minimum Sensible Cooling effect delivered to the space.



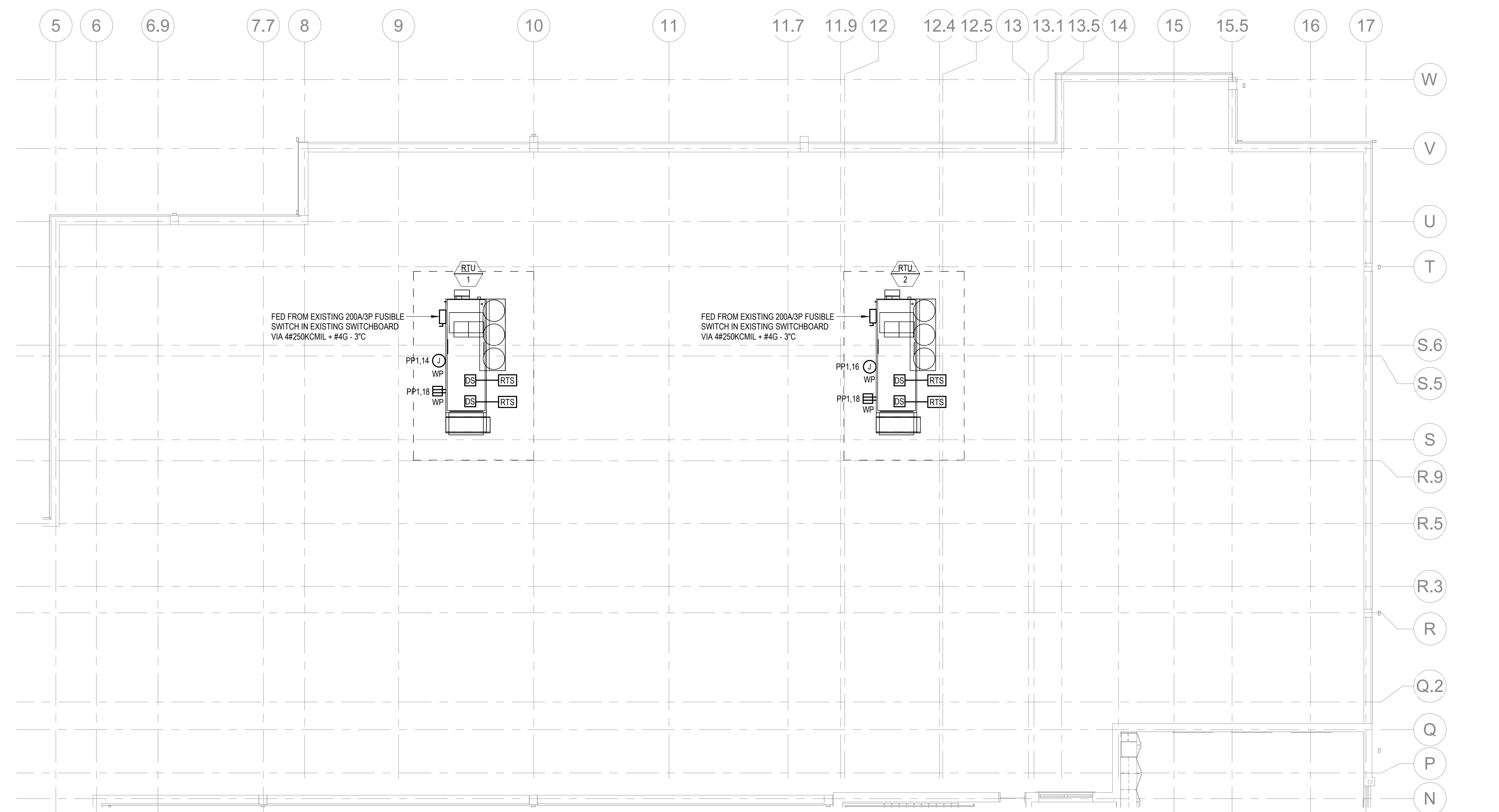
**ELECTRICAL
ENLARGED GYMNASIUM
POWER PLAN**



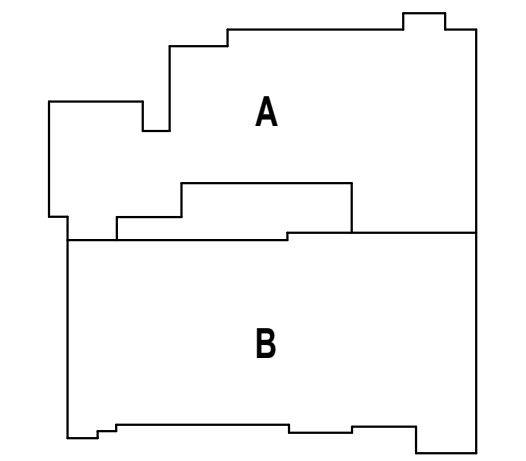
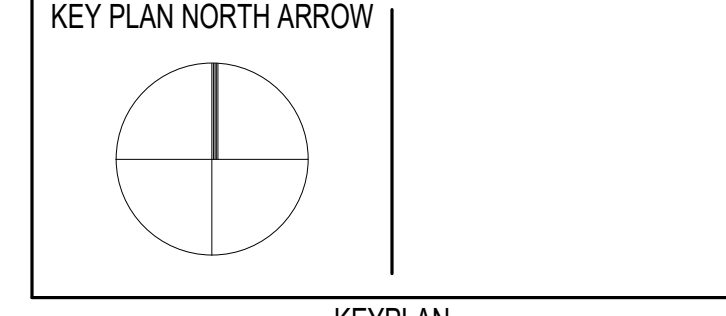
1 ENLARGED POWER PLAN - GYMNASIUM
1/4" = 1'-0"



1 DEMO POWER PLAN - ROOF BP3
Scale: 1/8" = 1'-0"



2 POWER PLAN - ROOF BP3
Scale: 1/8" = 1'-0"





112 WASHINGTON STREET
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KEYNOTE LEGEND:

100% CONSTRUCTION DOCUMENTS
BID PACKAGE #3

KEY PLAN NORTH ARROW

KEYPLAN

DRAWING NAME:

**ELECTRICAL
PART PLANS**

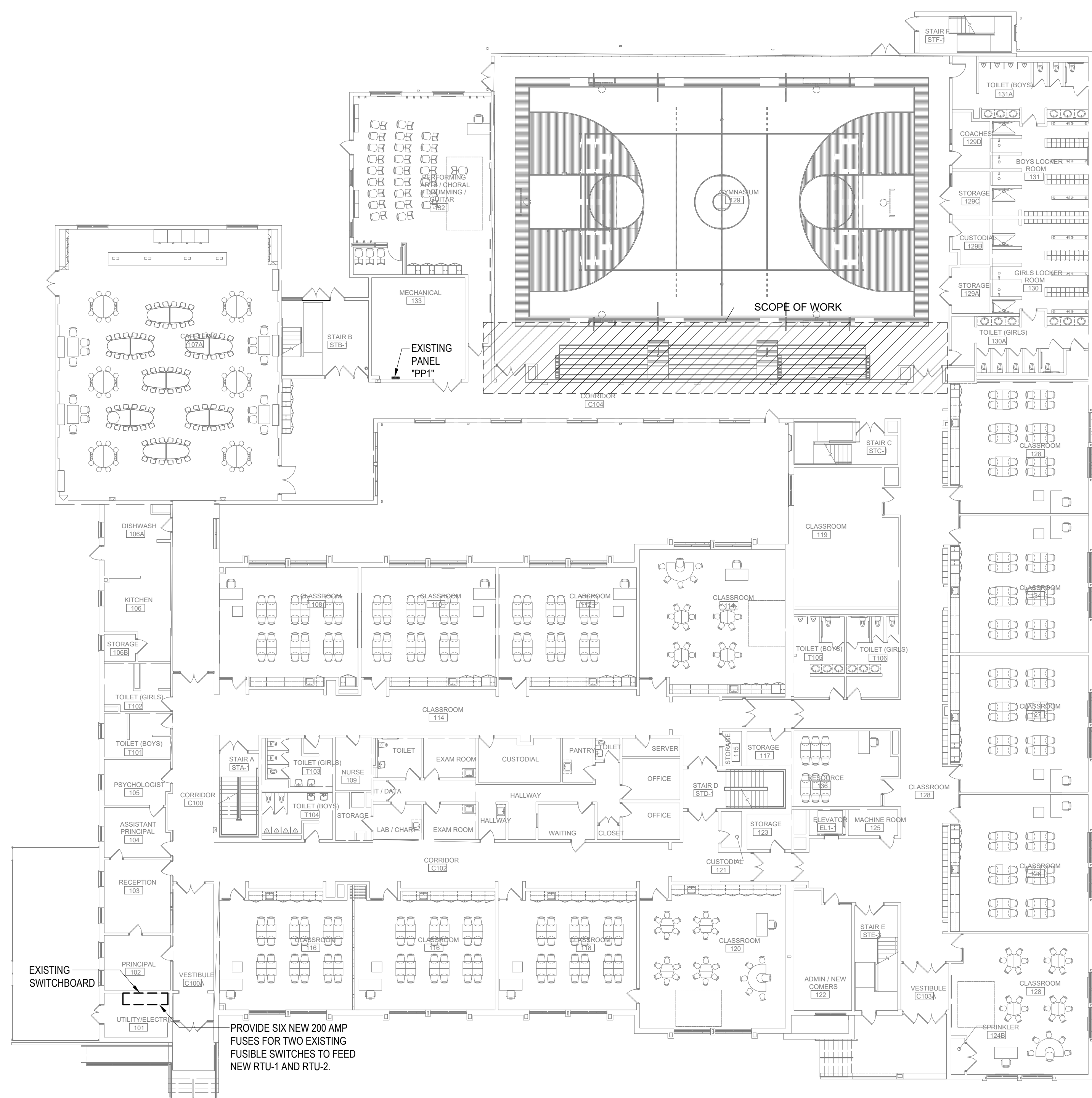
DRAWN BY: JGM

REVIEWED BY: RCB

SCALE: AS NOTED DRAWING NUMBER:

JOB NO.: 2202.04

DATE: June 22, 2023 E3.03 B3



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



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