RICHMOND COMMUNITY SCHOOL

Richmond High School: Mechanical Modernization Project LWC Commission No. 20104.02

ADDENDUM #04 October 5, 2021

LWC, Inc. 712 EAST MAIN ST RICHMOND, IN 47374

To Prospective Bidders:

This addendum is a modification of the Contract Documents for the above referenced project and is hereby incorporated into and becomes a part of said Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification. It is to be considered in the Proposals and covers additions to or changes in the Contract Documents as indicated below.

This addendum consists of (2) pages.

Attachments:

- Bidder Questions to Date.
- Drawings: A102A, A103, A203, A901, D102A, P202, M701, M702, E204
- Specifications: Section 000400, Section 012300, Section 092400

GENERAL NOTES

- **Bid Date and time is October 8, 2021, at 3:00 pm** at the School Administration Building, 300 Hub Etchison Parkway.

DRAWINGS

ITEM NO.1 Drawing A102A

A. Revised Key Note at Markerboards

ITEM NO.2 Drawing A103

A. Revised finished schedule.

ITEM NO.3 Drawing A203

A. Revised Finish Tag at ceilings

ITEM NO.4 Drawing A901

- A. Revised sheet note #13
- B. Added Sheet Note #22

ITEM NO.5 Drawing D102A

A. Revised Key Note at Markerboards.

ITEM NO.6 Drawing P202

A. Added clarification to work defined within Base Bid versus Alternate No. 13 for gas main.

ITEM NO.7 Drawing M701

- A. Indoor Air Handling Unit schedule
 - a. Hot water coil shall be in preheat position.

ITEM NO.8 Drawing M702

A. Revised Outside Air Unit Schedule.

ITEM NO.9 Drawing E204

- A. Added note E16 to read "E.C. SHALL PROVIDE FIRE ALARM CONNECTION TO HVLS-1 FAN CONTROLLER TO SHUTDOWN FANS IN THE EVENT OF A FIRE ALARM".
- B. Add not E16 to each HVLS-1 fan on sheet E204.

SPECIFICATIONS

ITEM NO. 1 000400 – Bid Proposal Form

- A. Add space to report cost for Alternate No. 9 Extended Water Treatment Service Agreement
- B. Add space to report cost for Alternate No. 10 Extended Water-cooled Chiller Warranties
- C. Add space to report cost for Alternate No. 11 Extended Cooling Tower Warranties
- D. Add space to report cost for Alternate No. 12 Extended Boiler Warranties
- E. Add space to report cost for Alternate No. 13 Boiler House Main Gas Line Modifications

ITEM NO. 2 012300 – Alternates

- F. Add Alternate No. 9 Extended Water Treatment Service Agreement
- G. Add Alternate No. 10 Extended Water-cooled Chiller Warranties
- H. Add Alternate No. 11 Extended Cooling Tower Warranties
- I. Add Alternate No. 12 Extended Boiler Warranties
- J. Add Alternate No. 13 Boiler House Main Gas Line Modifications

ITEM NO. 2 092400 – Portland Cement Plastering

A. Add new specification section.

END OF ADDENDUM #04



Addendum 004 RFI Log

Commission Number: 20104.02

Project Name: Richmond High School: Mechanical Modernization Project

RFI Number	Date IN	Date OUT	Due Date Descript	ion/Response	Sheet/Spec Reference	PCO Number	CO Number
Chemready 001	10/1/21	10/5/21	required which is Ton Coo Please a	not find anything in the specs or addendums spelling out the water treatment for this project. It is usually found in Section 232500 HVAC Water Treatment not on the job? Would the owner like water treatment for the three BAC 1130 bling towers, three 400 Ton Chillers and the Four Cleaver Brooks Boilers? advise. They mention a side stream filtration system, but I didn't see the spec either. Please let me know.			
				R: Water Treatment requirements are located in Section 201310. Water nt will be required for closed chilled and hot water systems and open condenser stem.			
Whisenhunt 001	10/1/21	10/5/21		102looks to me like the marker boards that are intended for Alt 2 are noted 1 on the plan. Sheet notes show marker boards are note 6. Am I seeing this			
			The cos	R: Replacement of chalkboard with markerboards is NOT part of the Base Bid. to replace chalkboards with markerboards should be included in Alternate #2. wings have been revised to clarify this intent.			
Whisenhunt 002	10/1/21	10/5/21		shows an ACT ceilinghowever, ACT 4 in the finish schedule(A103) lists Ceiling as the finish.			
				R: The ceiling in Detail 3/A203 is intended to be plaster. The drawings have vised to clarify this intent.			
Chomel Roofing 001	10/1/21	10/3/21	re-instal without s	by to remove gutter from the pool roof so the painters can paint fascia and then I. Rick looked at them today and said it would be virtually impossible to do that seriously damaging them. We recommend leaving them to be painted along fascia. They are old galvanized and not copper.			
				R: The gutter and downspout should be left in this area and painted along with a, as recommended.			

FORM OF PROPOSAL

For: RICHMOND COMMUNITY SCHOOLS RICHMOND HIGH SCHOOL MECHANICAL MODERNIZATION

LWC Incorporated 712 East Main Street Richmond, IN 47374 Tel: 765-966-3546 Fax: 765-962-9195

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OOD.	WITTED DT.	
	Name:	
	Address:	
	Telephone:	
	Fax:	
	Email:	
TO:	Richmond Community Schools 300 Hub Etchison Parkway Richmond, IN 47374	
Chec	klist:	
	State Form 96 (Revised 2013)	Financial Statement
	Bid Bond	Indiana Public Law Certificate
Bondi	ing Co.:	
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The undersigned, having carefully examined all contract documents, including Instructions to Bidders, General Conditions, Modifications to General Conditions, Special Conditions, Drawings, and Specifications and Addenda entitled:

> Richmond Community Schools Richmond High School Mechanical Modernization

Dated August 28, 2021, prepared by LWC Incorporated (Architects), Richmond, Indiana, and having examined the site, hereby proposed to furnish all materials, all services, all labor, and all equipment to complete all work as described in the contract documents for the following:

BASE BID:

SUM IN WORDS:	
ALLOWANCES The following allowances are included in the Base Bid:	
NONE.	
UNIT PRICES	
Unit Price No. 1 – Monthly Rental of Temporary Boiler	Dollars Per Month
(\$) Per Month	
Unit Price No. 2 – Monthly Rental of Temporary Chiller	Dollars Per Month
(\$) Per Month	
ALTERNATES:	
ALTERNATE NO. 1 – Additional Scope at Existing South Chi	iller Location:
ALL LABOR AND MATERIALS, for the sum of ADI	
Sum in words:	
ALTERNATE NO. 2 – Additional Classroom Finishes:	
ALL LABOR AND MATERIALS, for the sum of ADI	
Sum in words:	
ALTERNATE NO. 3 – Additional Mechanical Scope at Unit C	<u>:</u>
ALL LABOR AND MATERIALS, for the sum of ADI	D \$
Sum in words:	
ALTERNATE NO. 4 – New Equipment in Fan Room L103 at V	Unit C:
ALL LABOR AND MATERIALS, for the sum of ADI	D \$
Sum in words:	

ALTERNATE NO. 5 – Extend Ceiling and lighting replacement in hall around pool:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 6 – Temporary Steam Boilers:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 7 – Temporary Chiller:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 8 – Delay Library Work Until 2023:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 9 – Extended Water Treatment Service Agreement:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 10 – Extended Water-Cooled Chiller Warranties:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 11 – Extended Cooling Tower Warranties:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 12 – Extended Boiler Warranties:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:
ALTERNATE NO. 13 – Boiler House Main Gas Line Modifications:
ALL LABOR AND MATERIALS, for the sum of ADD \$
Sum in words:

SIGNATURE S	SHEET:		
A CORPORAT	ΓΙΟΝ:		
STATE IN WH	IICH INCORPORATED:		
A PARTNERS	HIP:		
AN INDIVIDUA	AL:		
BY:	Signature	Title	
BY:	Signature	Title	
BUSINESS AD	DDRESS:		
DATE:			
NOTE:	authorizing the signing of this proposa	rtified copy of a resolution by its Board of Il by any person other than the Presiden the Owner and state the name of his b	nt of the

VOLUNTARY ALTERNATES:

Contractors may voluntarily propose additional Alternates for the Owner's consideration.

Bidders desiring to submit voluntary Alternates shall list each below, together with the amount to be added to, or deducted from, the amount of their base bid. A brief description of each Alternate shall be included.

Voluntary Alternate #	Proposed Alternate	Add	Deduct

SUBSTITUTION SHEET:

All bids shall be based upon the "Standards" specified. (See standard substitution provision of specifications.)

Bidders desiring to make substitutions for "Standards" specified, shall list each proposed substitution below, together with the amount to be added to, or deducted from, the amount of their base bid.

Brand or Make Specified	Proposed Substitution	Add	Deduct

SUBCONTRACTOR LIST

This list shall be provided with the Form of Proposal. format.	Additional sheets may be added in the same
NAME/ADDRESS/PHONE	WORK TO BE PROVIDED

END OF FORM OF PROPOSAL

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.

ALTERNATES 012300 – Page 1 of 5

D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- 1. Alternate No. 01 Additional Scope at Existing South Chiller Location.
 - a. Base Bid Work shall include complete removal of the chiller south of Central Plant, including all associated electrical and piping. Existing concrete pad, foundations, wood fence, installation of topsoil to match surrounding grades, and restoration of lawn shall be by Owner under separate Contract.
 - b. Alternate Bid Work shall include complete removal of the chiller south of Central Plant, including all associated electrical, piping, concrete pad, foundations, wood fence, installation of topsoil to match surrounding grades, and restoration of lawn.
- 2. Alternate No. 02 Additional Classroom Finishes.
 - a. Base Bid Work shall include repair, full prime paint, and two-coat finish paint all walls, ceilings, and other surfaces, in all locations as required for removal and installation of new plumbing, mechanical, and electrical items only in Classroom L113, Classroom L111, Classroom L110, Classroom L109, Classroom L106, Computer Lab L104, Office R121, Classroom R123, Office R123A, Storage R124, Room R128, Room R128A and Room R129. All walls where repairs and painting are required due to removal of plumbing, mechanical, and/or electrical items shall have all damaged areas repaired, whether the result of this project or not, and shall be fully primed and two-coat finish painted corner to corner and floor to ceiling.
 - b. Alternate Bid Work shall include repair, full prime paint, and two-coat finish paint all walls, replacement of all suspended acoustical ceiling tile, replacement of all carpet and vinyl base, installation of new markerboards and tackboards as indicated, and installation of new roller shades in Classroom L113, Classroom L111, Classroom L110, Classroom L109, Classroom L106, Computer Lab L104, Office R121, Classroom R123, Office R123A, Storage R124, Room R128, Room R128A and Room R129.
- 3. Alternate No. 03 Additional Mechanical Scope at Unit C.
 - a. Base Bid Work shall limit work in Unit C to those rooms with existing steam heat, including Office R121, Classroom R123, Office R123A, Storage R124, Room R128, Room R128A and Room R129. All associated work, including additional plumbing, mechanical, electrical, and finish scope required to convert these spaces from steam to a hydronic system, shall be included.
 - b. Alternate Bid Work shall add all plumbing, mechanical, and electrical work as indicated in Unit C, in addition to the work included with the Base Bid scope.

ALTERNATES 012300 – Page 2 of 5

- 4. Alternate No. 04 Add New Equipment in Fan Room L103 at Unit C.
 - a. Base Bid Work shall maintain all existing equipment in Fan Room L103. No additional equipment shall be provided, including the AHU-1C, new rooftop unit ERV-1 and all new ductwork associated with new equipment connections to existing ductwork. The structural and roof work required to provide a new roof opening for ERV-1 shall not be included in the Base Bid. All new work in the area of Unit C shall be fed from the existing units.
 - b. Alternate Bid Work shall include all plumbing, mechanical, and electrical work as indicated in Fan Room L103, including the AHU-1C, new rooftop unit ERV-1 and all new ductwork associated with new equipment connections to existing ductwork. The structural and roof work required to provide a new roof opening for ERV-1 shall be included in the Alternate Bid.
- 5. Alternate No. 05 Extend ceiling and lighting replacement in hall around pool.
 - a. Base Bid Work shall leave existing ceiling and lights in Corridor T270 and Corridor T271 as-is.
 - b. Alternate Bid Work shall remove plaster ceiling and replace with new acoustical ceiling and LED fixtures in Corridor T270 and Corridor T271 to match Corridor T165.
- 6. Alternate No. 06 Temporary Steam Boilers.
 - a. Base Bid Work shall not include any provisions for installation, connections, or removal of a temporary steam boiler.
 - b. Alternate Bid Work shall include all requirements for installation, connections, and removal of a temporary steam boiler located in the fenced automotive yard north of Central Plant. The cost shall include all equipment, piping, controls, connections, and specialty equipment required to install, operate, and remove the temporary steam to water heating systems. Refer to drawings on Sheet M105.1 for additional information. Contractor shall provide detailed phasing plan with Bid to determine need for the acceptance of Alternate with proposal.
- 7. Alternate No. 07 Temporary Chiller.
 - a. Base Bid Work shall not include any provisions for installation, connections, or removal of temporary chiller.
 - b. Alternate Bid Work shall include all requirements for installation, connections, and removal of temporary chiller to the existing system. The cost shall include all equipment, piping, controls, connections, and specialty equipment required to install, operate, and remove the temporary chilled water system. Refer to drawings on Sheet M105.1 for additional information. Contractor shall provide detailed phasing plan with Bid to determine need for acceptance of Alternate with proposal.
- 8. Alternate No. 08 Delay Library Work Until 2023.
 - a. Base Bid All Work accepted as part of the Contract at Library and surrounding areas, including architectural, roofing, plumbing, mechanical, electrical, and miscellaneous associated work, shall be completed per Specification Section 000500 Preliminary Schedule, and Drawings G001 and G002, Phasing Plans, with Substantial Completion of all work by July 22, 2022. This includes Base Bid Work and all Accepted Alternates in that area.

ALTERNATES 012300 – Page 3 of 5

- b. Alternate Bid All Work at Library and surrounding areas, including architectural, roofing, plumbing, mechanical, electrical, and miscellaneous associated work, shall be Substantially Complete by July 22, 2023. This includes Base Bid Work and all Accepted Alternates in that area. This excludes changing the timing for the removal of existing steam piping and replacement with hot water hydronic piping in the tunnels in this area. Hydronic to steam heat exchangers shall be installed as needed to allow the main steam piping to be replaced per the Base Bid Schedule.
- 9. Alternate No. 9 Extended Water Treatment Service Agreement
 - a. Base Bid Contractor shall include 3-year service agreement for maintenance and chemicals of all open and closed loop chemical water treatment systems
 - b. Alternate Bid Contractor shall provide the additional cost to extend the warranty from 3-year to 5-year service agreement for maintenance and chemicals of all open and closed loop chemical water treatment systems.
- 10. Alternate No. 10 Extended Water-Cooled Chiller Warranties
 - a. Base Bid Provide a standard unit parts and labor warranty for one year from substantial completion for the entire unit.
 - b. Alternate Bid A- Provide the additional cost to extend the warranty from a 1-year to a 5-year parts and labor warranty on all chillers. Warranty shall cover the entire unit including compressors.
 - c. Alternate Bid B- Provide the additional cost to extend the warranty from a 1-year to a 10-year parts and labor warranty on all chillers. Warranty shall cover the entire unit including compressors.
- 11. Alternate No. 11 Extended Cooling Tower Warranties
 - a. Base Bid Provide a standard unit parts and labor warranty for one year from substantial completion for the entire unit. 5 year parts and labor on fans, fan shafts, bearings, sheaves, gearboxes, drive shafts, couplings, and mechanical equipment support. Direct drive shall be 7-year parts and labor fans, fan shafts, bearings, sheaves, gearboxes, drive shafts, couplings, and mechanical equipment support.
 - b. Alternate Bid Provide the additional cost to extend the standard warranty included in the Base Bid to add a 10-year part and labor warranty on all cooling towers. Warranty shall cover the entire unit.
- 12. Alternate No. 12 Extended Boiler Warranties
 - a. Base Bid Provide a standard unit parts and labor warranty for one year from substantial completion for the entire unit with 7-year non-prorated warranty against failure due to condensate corrosion, thermal stress, mechanical defects or workmanship.
 - b. Alternate Bid Provide the additional cost to extend the standard warranty included in the Base Bid to add a 5-year parts and labor warranty on all boilers. Warranty shall cover the entire unit.
- 13. Alternate No. 13 Boiler House Main Gas Line Modifications
 - a. Base Bid Work shall not include any provisions for installation, connections, or removal of existing main gas line in the East mechanical yard to boiler house.

ALTERNATES 012300 – Page 4 of 5

b. Alternate Bid – Include all material, labor, and any other costs associated with new Gas Main to existing boiler house per Sheet P202, View 2 – BOILER HOUSE – GAS MAIN ALTERNATE No. 13.

END OF SECTION 012300

ALTERNATES 012300 – Page 5 of 5

SECTION 092400 - PORTLAND CEMENT PLASTERING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Interior Portland cement plasterwork on metal lath.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Show locations and installation of control and expansion joints including plans, elevations, sections, details of components, and attachments to other work.
- C. Samples for Initial Selection: For each type of factory-prepared finish coat indicated.
- D. Samples for Verification: For each type of factory-prepared textured finish coat indicated; 12 by 12 inches, and prepared on rigid backing.

1.4 QUALITY ASSURANCE

- A. Mockups: Before plastering, install mockups of at least 100 sq. ft. in surface area to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Install mockups for each type of finish indicated.
 - 2. For interior plasterwork, simulate finished lighting conditions for review of mockups.
 - 3. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.
- B. Preinstallation Conference: Conduct conference at Project site.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes.

1.6 PROJECT CONDITIONS

- A. Comply with ASTM C 926 requirements.
- B. Interior Plasterwork: Maintain room temperatures at greater than 40 deg F for at least 48 hours before plaster application, and continuously during and after application.
 - 1. Avoid conditions that result in plaster drying out during curing period. Distribute heat evenly; prevent concentrated or uneven heat on plaster.
 - 2. Ventilate building spaces as required to remove water in excess of that required for hydrating plaster in a manner that prevents drafts of air from contacting surfaces during plaster application and until plaster is dry.
- C. Factory-Prepared Finishes: Comply with manufacturer's written recommendations for environmental conditions for applying finishes.

PART 2 - PRODUCTS

2.1 METAL LATH

- A. Expanded-Metal Lath: ASTM C 847 with ASTM A 653/A 653M, G60 (Z180), hot-dip galvanized zinc coating.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Alabama Metal Industries Corporation; a Gibraltar Industries company.
 - b. Clark Western Building Systems.
 - c. Dietrich Metal Framing; a Worthington Industries company.
 - d. MarinoWARE.
 - 2. Diamond-Mesh Lath: Flat, 3.4 lb/sq. yd. (1.8 kg/sq. m).

2.2 ACCESSORIES

- A. General: Comply with ASTM C 1063 and coordinate depth of trim and accessories with thicknesses and number of plaster coats required.
- B. Metal Accessories:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Alabama Metal Industries Corporation; a Gibraltar Industries company.
 - b. Clark Western Building Systems.
 - c. Dietrich Metal Framing; a Worthington Industries company.
 - d. MarinoWARE.
 - 2. Cornerite: Fabricated from metal lath with ASTM A 653/A 653M, G60 (Z180), hot-dip galvanized zinc coating.
 - 3. External-Corner Reinforcement: Fabricated from metal lath with ASTM A 653/A 653M, G60 (Z180), hot-dip galvanized zinc coating.

- 4. Cornerbeads: Fabricated from zinc.
 - a. Small nose cornerbead with expanded flanges; use unless otherwise indicated.
 - b. Small nose cornerbead with perforated flanges; use on curved corners.
 - c. Small nose cornerbead with expanded flanges reinforced by perforated stiffening rib; use on columns and for finishing masonry corners.
 - d. Bull nose cornerbead, radius 3/4 inch (19.1 mm) minimum, with expanded flanges; use at locations indicated on Drawings.
- 5. Casing Beads: Fabricated from zinc; square-edged style; with expanded flanges.
- Control Joints: Fabricated from zinc; one-piece-type, folded pair of unperforated screeds in M-shaped configuration; with perforated flanges and removable protective tape on plaster face of control joint.
- 7. Expansion Joints: Fabricated from zinc; folded pair of unperforated screeds in M-shaped configuration; with expanded flanges.

2.3 MISCELLANEOUS MATERIALS

- A. Water for Mixing: Potable and free of substances capable of affecting plaster set or of damaging plaster, lath, or accessories.
- B. Fiber for Base Coat: Alkaline-resistant glass or polypropylene fibers, 1/2 inch long, free of contaminants, manufactured for use in Portland cement plaster.
- C. Bonding Compound: ASTM C 932.
- D. Steel Drill Screws: For metal-to-metal fastening, ASTM C 1002 or ASTM C 954, as required by thickness of metal being fastened; with pan head that is suitable for application; in lengths required to achieve penetration through joined materials of no fewer than three exposed threads.
- E. Fasteners for Attaching Metal Lath to Substrates: Complying with ASTM C 1063.
- F. Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, not less than 0.0475-inch (1.21-mm) diameter, unless otherwise indicated.
- G. Acoustical Sealant: As specified in Division 07 Section "Joint Sealants"
 - 1. Provide sealants that have a VOC content of 250 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

2.4 PLASTER MATERIALS

- A. Portland Cement: ASTM C 150, Type I.
 - 1. Color for Finish Coats: White.
- B. Lime: ASTM C 206, Type S; or ASTM C 207, Type S.
- C. Sand Aggregate: ASTM C 897.
 - 1. Color for Job-Mixed Finish Coats: White.

- D. Perlite Aggregate: ASTM C 35.
- E. Ready-Mixed Finish-Coat Plaster: Mill-mixed portland cement, aggregates, coloring agents, and proprietary ingredients.
 - 1. Products: Subject to compliance with requirements, provide one of the following:
 - a. Amerimixx; Premium Plus Stucco.
 - b. USG Corporation; Imperial Brand Finish Plaster.
 - 2. Color: As selected by Architect from manufacturer's full range.

2.5 PLASTER MIXES

- A. General: Comply with ASTM C 926 for applications indicated.
 - 1. Fiber Content: Add fiber to base-coat mixes after ingredients have mixed at least two minutes. Comply with fiber manufacturer's written instructions for fiber quantities in mixes, but do not exceed 1 lb of fiber/cu. yd. (0.6 kg of fiber/cu. m) of cementitious materials.
- B. Base-Coat Mixes for Use over Metal Lath: Scratch and brown coats for three-coat plasterwork as follows:
 - 1. Portland Cement Mixes:
 - a. Scratch Coat: For cementitious material, mix 1 part portland cement and 3/4 to 1-1/2 parts lime. Use 2-1/2 to 4 parts aggregate per part of cementitious material.
 - b. Brown Coat: For cementitious material, mix 1 part portland cement and 3/4 to 1-1/2 parts lime. Use 3 to 5 parts aggregate per part of cementitious material, but not less than volume of aggregate used in scratch coat.
- C. Base-Coat Mixes: Single base coats for two-coat plasterwork as follows:
 - 1. Portland Cement Mix: For cementitious material, mix 1 part portland cement and 3/4 to 1-1/2 parts lime. Use 2-1/2 to 4 parts aggregate per part of cementitious material.
- D. Factory-Prepared Finish-Coat Mixes: For interiors use ready-mixed finish-coat plasters.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames, cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Protect adjacent work from soiling, spattering, moisture deterioration, and other harmful effects caused by plastering.
- B. Prepare solid substrates for plaster that are smooth or that do not have the suction capability required to bond with plaster according to ASTM C 926.

3.3 INSTALLATION, GENERAL

A. Acoustical Sealant: Where required, seal joints between edges of plasterwork and abutting construction with acoustical sealant.

3.4 INSTALLING METAL LATH

- A. Expanded-Metal Lath: Install according to ASTM C 1063.
 - 1. Partition Framing and Vertical Furring: Install flat diamond-mesh lath.
 - 2. Flat-Ceiling and Horizontal Framing: Install flat diamond-mesh lath.
 - 3. Curved-Ceiling Framing: Install flat diamond-mesh lath.
 - 4. On Solid Surfaces, Not Otherwise Furred: Install self-furring, diamond-mesh lath.

3.5 INSTALLING ACCESSORIES

- A. Install according to ASTM C 1063 and at locations indicated on Drawings.
- B. Reinforcement for External Corners:
 - 1. Install lath-type, external-corner reinforcement at exterior locations.
 - 2. Install cornerbead at interior and exterior locations.
- C. Control Joints: Install control joints at locations indicated on Drawings and in specific locations approved by Architect for visual effect as follows:
 - 1. As required to delineate plasterwork into areas (panels) of the following maximum sizes:
 - a. Vertical Surfaces: 144 sq. ft. (13.4 sq. m).
 - b. Horizontal and other Nonvertical Surfaces: 100 sq. ft. (9.3 sq. m).
 - 2. At distances between control joints of not greater than 18 feet (5.5 m) o.c.
 - 3. As required to delineate plasterwork into areas (panels) with length-to-width ratios of not greater than 2-1/2:1.
 - 4. Where control joints occur in surface of construction directly behind plaster.
 - 5. Where plasterwork areas change dimensions, to delineate rectangular-shaped areas (panels) and to relieve the stress that occurs at the corner formed by the dimension change.

3.6 PLASTER APPLICATION

A. General: Comply with ASTM C 926.

- 1. Do not deviate more than plus or minus 1/4 inch in 10 feet (6.4 mm in 3 m) from a true plane in finished plaster surfaces, as measured by a 10-foot (3-m) straightedge placed on surface.
- 2. Finish plaster flush with metal frames and other built-in metal items or accessories that act as a plaster ground unless otherwise indicated. Where casing bead does not terminate plaster at metal frame, cut base coat free from metal frame before plaster sets and groove finish coat at junctures with metal.
- 3. Provide plaster surfaces that are ready to receive field-applied finishes indicated.
- B. Bonding Compound: Apply on unit masonry plaster bases.
- C. Ceilings; Base-Coat Mixes for Use over Metal Lath: Scratch and brown coats for three-coat plasterwork; 3/4 inch thick on concrete.
 - Portland cement mixes.
- D. Ceilings; Base-Coat Mix: Scratch coat for two-coat plasterwork, 1/4 inch thick on concrete.
 - 1. Portland cement mixes.
- E. Plaster Finish Coats: Apply to provide float finish to match Architect's sample.
- F. Acrylic-Based Finish Coatings: Apply coating system, including primers, finish coats, and sealing topcoats, according to manufacturer's written instructions.
- G. Concealed Interior Plasterwork:
 - 1. Where plaster application will be concealed behind built-in cabinets, similar furnishings, and equipment, apply finish coat.
 - 2. Where plaster application will be concealed above suspended ceilings and in similar locations, finish coat may be omitted.
 - 3. Where plaster application will be used as a base for adhesive application of tile and similar finishes, omit finish coat.

3.7 PLASTER REPAIRS

A. Repair or replace work to eliminate cracks, dents, blisters, buckles, crazing and check cracking, dry outs, efflorescence, sweat outs, and similar defects and where bond to substrate has failed.

3.8 PROTECTION

A. Remove temporary protection and enclosure of other work. Promptly remove plaster from door frames, windows, and other surfaces not indicated to be plastered. Repair floors, walls, and other surfaces stained, marred, or otherwise damaged during plastering.

END OF SECTION 092400



13

○ SHEET NOTES:

EXISTING TO REMAIN. EXISTING LAMINATE WOOD BEAM & PURLIN TO REMAIN. EXISTING LIGHTING TO REMAIN. - SEE ELECTRICAL.

EXISTING CEILING GRID TO REMAIN. REPAIR SUSPENDED ACOUSTICAL CEILING GRID IN MAIN ROOM AS REQUIRED FOR SEAMLESS PATCH WITH NEW SUSPENDED ACOUSTICAL CEILING. TILES TO MATCH MAIN ROOM. - ALT #2 & #3

EXISTING CEILING TILE TO REMAIN. EXISTING HARD SURFACE CEILING TO REMAIN. REPLACE EXISTING CHALKBOARD OR EXISTING MARKERBOARD WITH NEW MARKERBOARD OF SAME DIMENSIONS. - SEE ALT #2

REMOVE ROOM ENTIRELY, INCLUDING ALL ELECTRICAL ITEMS ASSOCD. WITH MALLS & CEILING. REMOVE ENTIRE CEILING & REPLACE WITH NEW SUSPENDED ACOUSTICAL CEILING SYSTEM.

REMOVE & REPLACE ALL FLOORING & BASE TRIM IN THIS ROOM. SEE FINISH SCHEDULE. - SEE ALT #2 . REMOVE & REPLACE LIGHT FIXTURE. - SEE ELECTRICAL.

CEILING MOUNTED PROJECTOR & RELATED EQUIP. TO REMAIN. INSTALL NEW SUSPENDED WHOLE, UNCUT ACOUSTICAL CEILING TILE AROUND ALL . REMOVE & REPLACE EXISTING WINDOW SHADES WITH NEW WINDOW SHADES.

B. REMOVE MECHANICAL EQUIPMENT COMPLETELY. - SEE MECHANICAL PREPARE ALL WALL SURFACES TO RECEIVE PAINT, INCLUDING REMOVAL AND / OR SANDING OF ADHESIVE PER PAINT MANUFACTURER'S RECOMMENDATIONS. PRIME & TWO-COAT FINISH PAINT WALL. FINISH PAINT PER FINISH SCHEDULE. - SEE ALT #2

REMOVE & REPLACE EXISTING MECHANICAL HEATING UNIT- SEE MECHANICAL.

PATCH & REPAIR WALLS & FLOORS AS REQUIRED. PAINT WALL TO WALL. -PATCH FINISH FLOOR WITH PRODUCT FROM OWNER ATTIC STOCK IN WHOLE PIECES TOOTHED INTO EXISTING FLOORING.

6. CLEAN MASONRY AS REQUIRED. PATCH & REPAIR WALLS & FLOORS AS REQUIRED FROM REMOVAL OF MECHANICAL UNIT. FINISH TO MATCH EXISTING

PATCH, REPAIR, & PAINT BULKHEAD TO MATCH EXISTING ADJACENT. 18. PATCH & REPAIR WALL WHERE THERMOSTAT WAS REMOVED. MATCH EXISTING ADJACENT PAINT COLOR, TEXTURE, & FINISH. - WALL TO WALL. I. REMOVE & REPLACE THERMOSTAT. - SEE MECHANICAL

20. CEILING FAN TO BE CENTERED IN BAY TYP. - SEE MECHANICAL. DEMOLISH & REMOVE EXHAUST FAN COMPLETELY- SEE MECHANICAL 22. REMOVE & REPLACE PORTION OF CEILING FOR REMOVAL OF EXISTING EQUIPMENT AND / OR INSTALLATION OF NEW EQUIPMENT. - SEE PLUMBING, MECHANICAL, & ELECTRICAL DWGS.

23. REMOVE & REPLACE SECTION OF DUCT WORK. - SEE MECHANICAL. 24. MECHANICAL EQUIPMENT - SEE MECHANICAL 25. ACCESS PANEL - 2'-0" X 2'-6" 26. REPLACE LOUVERED GRILLS TO MATCH EXISTING GRILLS IN SIZE, SHAPE, &

COLOR - SEE MECH. 27. EXISTING LOUVERED GRILL TO BE CLEANED. DAMAGED GRILL TO BE REPLACED (1) FOR (1) - SEE MECH.

28. PATCH, REPAIR, & PAINT CEILING/ WALL AREA MHERE CEILING / MALL MOUNTED MECH UNIT WAS REMOVED. PAINT TO MATCH EXISTING ADJACENT. 29. EXISTING FENCING TO REMAIN.

30. EXISTING BULKHEAD WITH ROLL-UP FIRE DOOR. I. NEW LIGHTING FIXTURES - SEE ELECTRICAL 32. EXISTING FLOORING SHALL BE PROTECTED AT ALL TIMES 33. PATCH, REPAIR, & PAINT CEILING AS REQUIRED. 34. NEW ACOUSTICAL DROP CEILING - SEE FINISH SCHEDULE.

36. EXPOSED DUCT WORK TO REMAIN - SEE MECH. 37. PATCH & REPAIR MASONRY WALL. TOOTH-IN BRICK MASONRY TO MATCH EXISTING ADJACENT IN COLOR, STYLE & SIZE. 38. NEW 12"X12" ACCESS DOOR

39. REMOVE & REPLACE PLASTER CEILING AS REQUIRED FOR NEW MECHANICAL VENT. - SEE MECH. MATCH EXISTING IN COLOR, TEXTURE, & HEIGHT. 40. NEW PLASTER BULKHEAD

GENERAL NOTES:

SEE MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR ASSOCIATED

ALL PROJECTORS ARE TO REMAIN UNLESS OTHERWISE NOTED. ALL CEILING-MOUNTED SPEAKERS ARE TO REMAIN UNLESS OTHERWISE ALL EDUCATION EQUIPMENT, BOOKSHELVES, ELECTRONICS & FURNITURE SHALL BE PROTECTED FROM DUST & DEBRIS AT ALL TIMES.

ALL VINYL BASE SHALL BE REMOVED & REPLACED WITH NEW VINYL WALL BASE IN ALL ROOMS RECEIVING NEW FLOORING. SEE FINISH SCHEDULE FOR REMOVE & REPLACE ALL SUSPENDED ACOUSTICAL CEILING TILES. EXISTING SUSPENDED ACOUSTICAL CEILING GRID SYSTEM TO REMAIN EXCEPT WHERE NOTED OTHERWISE. PROTECT THROUGHOUT PROJECT. ALL EXISTING CEILING MOUNTED EQUIPMENT SHALL REMAIN UNLESS NOTED OTHERWISE. REMOVE &

REINSTALL CEILING-MOUNTED EQUIPMENT TO ALLOW WHOLE, UNCUT SUSPENDED ACOUSTICAL CEILING TILES TO BE REINSTALLED. - SEE ALT #2

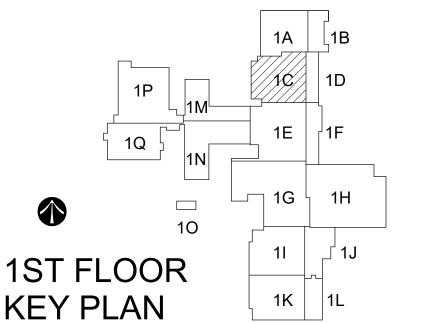
ALL MINDOWS IN CLASSROOMS ARE TO RECEIVE NEW MINDOW SHADES.

REFER TO FLOOR PLAN TAGS & SPECIALTY EQUIPMENT SCHEDULE. - SEE

ALL WALLS SHALL HAVE DAMAGE SPOTS REPAIRED & PRIMED. PRIME ENTIRE SURFACE OF WALL WITH OIL-BASED PRIMER & TWO-COAT FINISH PAINT WITH EXTERIOR ACRYLIC LATEX PAINT. ALL FINISH PAINT TO MATCH MAB 128 BONE WHITE. APPLIES TO ALL WALLS WHERE PLUMBING, MECHANICAL, & ELECTRICAL EQUIPMENT ARE BEING REMOVED OR MODIFIED AS PART OF THE BASE BID. SEE ALT #2 FOR ADDITIONAL SCOPE ALL ROOMS WITH NO SHEET NOTE #32 OR NOT IN CONTRACT (N.I.C. SHALL TO RECEIVE NEW CARPET TILE FLOORING AFTER REMOVAL OF EXISTING

FLOORING & FLOOR PREP PER FLOORING MANUFACTURERS WRITTEN INSTRUCTIONS. FLOORING SHALL BE SHAW/PHILADELPHIA COMMERCIAL, SWIZZLE 54440, 40700 PINBALL, 24"X24" TILES. SEE ALT #2 FOR EXTENTS APPROXIMATE LOCATIONS WHERE CEILINGS MUST BE MODIFIED FOR PLUMBING, MECHANICAL, & ELECTRICAL WORK ARE GENERALLY INDICATED.
ADDITIONAL AREAS OF MODIFICATION NOT INDICATED MAY BE NECESSARY.
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL AREA OF CEILING MODIFICATIONS NECESSARY FOR A COMPLETE PROJECT, WETHER SHOWN OR NOT.

KEY PLAN:



10.05.2021 Revisions / Submissions



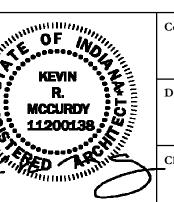
712 East Main Street Richmond, IN 47374 765.966.3546

Richmond Community Schools RICHMOND HIGH SCHOOL 380 Hub Etchison Pkwy,

MECHANICAL MODERNIZATION **PROJECT**

Richmond, IN 47374

DEMOLITON - UNIT C - ALTERNATES PLAN



06.18.2021

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R128A R120B CORRIDOR R120 STORAGE R124 32 R124A OFFICE R123A R123A OFFICE R121 R121A

RAMP---

ALT #3:
IN THIS AREA SCOPE IS LIMITED TO STEAM HEAT MECHANICAL EQUIPMENT ONLY AS SHOWN. AREA NOT SHOWN IN ALT #3 IS IDENTICAL TO ALT #2. - SEE SPECIFICATIONS FOR MORE INFO.

UNIT 1C NEW WORK PLAN - ALT

 $1 \frac{HZ}{\text{SCALE: } 1/8" = 1'-0"}$

UNIT 1C NEW WORK PLAN - ALT

#3

SCALE: 1/8" = 1'0"

 \neg SHEET NOTES:

1. EXISTING TO REMAIN.
2. EXISTING LAMINATE WOOD BEAM & PURLIN TO REMAIN.

3. EXISTING LIGHTING TO REMAIN. - SEE ELECTRICAL.
4. EXISTING CEILING GRID TO REMAIN. REPAIR SUSPENDED ACOUSTICAL CEILING GRID IN MAIN ROOM AS REQUIRED FOR SEAMLESS PATCH WITH NEW SUSPENDED ACOUSTICAL CEILING. TILES TO MATCH MAIN ROOM. - ALT #2 & #3

EXISTING CEILING TILE TO REMAIN.

5. EXISTING HARD SURFACE CEILING TO REMAIN.

6. REPLACE EXISTING CHALKBOARD OR EXISTING MARKERBOARD WITH NEW MARKERBOARD OF SAME DIMENSIONS. - SEE ALT #2

REMOVE ROOM ENTIRELY, INCLUDING ALL ELECTRICAL ITEMS ASSOCD. WITH WALLS & CEILING.
 REMOVE ENTIRE CEILING & REPLACE WITH NEW SUSPENDED ACOUSTICAL CEILING SYSTEM.

REMOVE & REPLACE ALL FLOORING & BASE TRIM IN THIS ROOM. SEE FINISH SCHEDULE. - SEE ALT #2

D. REMOVE & REPLACE LIGHT FIXTURE. - SEE ELECTRICAL.

CEILING MOUNTED PROJECTOR & RELATED EQUIP. TO REMAIN. INSTALL NEW SUSPENDED WHOLE, UNCUT ACOUSTICAL CEILING TILE AROUND ALL COMPONENTS.
 REMOVE & REPLACE EXISTING WINDOW SHADES WITH NEW WINDOW SHADES.
 REMOVE MECHANICAL EQUIPMENT COMPLETELY. - SEE MECHANICAL
 PREPARE ALL WALL SURFACES TO RECEIVE PAINT, INCLUDING REMOVAL AND

/ OR SANDING OF ADHESIVE PER PAINT MANUFACTURER'S
RECOMMENDATIONS. PRIME & TWO-COAT FINISH PAINT WALL. FINISH PAINT
PER FINISH SCHEDULE. - SEE ALT #2

15. REMOVE & REPLACE EXISTING MECHANICAL HEATING UNIT- SEE MECHANICAL.
PATCH & REPAIR WALLS & FLOORS AS REQUIRED. PAINT WALL TO WALL. -

PATCH & REPAIR WALLS & FLOORS AS REQUIRED. PAINT WALL TO WALL. PATCH FINISH FLOOR WITH PRODUCT FROM OWNER ATTIC STOCK IN WHOLE
PIECES TOOTHED INTO EXISTING FLOORING.

16. CLEAN MASONRY AS REQUIRED. PATCH & REPAIR WALLS & FLOORS AS

REQUIRED FROM REMOVAL OF MECHANICAL UNIT. FINISH TO MATCH EXISTING ADJACENT.

17. PATCH, REPAIR, & PAINT BULKHEAD TO MATCH EXISTING ADJACENT.

17. PATCH, REPAIR, & PAINT BULKHEAD TO MATCH EXISTING ADJACENT.
18. PATCH & REPAIR WALL WHERE THERMOSTAT WAS REMOVED. MATCH EXISTING ADJACENT PAINT COLOR, TEXTURE, & FINISH. - WALL TO WALL.
19. REMOVE & REPLACE THERMOSTAT. - SEE MECHANICAL
20. CEILING FAN TO BE CENTERED IN BAY TYP. - SEE MECHANICAL.

21. DEMOLISH & REMOVE EXHAUST FAN COMPLETELY- SEE MECHANICAL
22. REMOVE & REPLACE PORTION OF CEILING FOR REMOVAL OF EXISTING
EQUIPMENT AND / OR INSTALLATION OF NEW EQUIPMENT. - SEE PLUMBING,
MECHANICAL, & ELECTRICAL DWGS.
23. REMOVE & REPLACE SECTION OF DUCT WORK. - SEE MECHANICAL.

24. MECHANICAL EQUIPMENT - SEE MECHANICAL
25. ACCESS PANEL - 2'-0" X 2'-6"
26. REPLACE LOUVERED GRILLS TO MATCH EXISTING GRILLS IN SIZE, SHAPE, & COLOR - SEE MECH.
27. EXISTING LOUVERED GRILL TO BE CLEANED. DAMAGED GRILL TO BE

27. EXISTING LOUVERED GRILL TO BE CLEANED. DAMAGED GRILL TO BE REPLACED (1) FOR (1) - SEE MECH.
28. PATCH, REPAIR, & PAINT CEILING / WALL AREA WHERE CEILING / WALL MOUNTED MECH UNIT WAS REMOVED. PAINT TO MATCH EXISTING ADJACENT.

MOUNTED MECH UNIT WAS REMOVED. PAINT TO MATCH EXISTING AD 29. EXISTING FENCING TO REMAIN.

30. EXISTING BULKHEAD WITH ROLL-UP FIRE DOOR.

31. NEW LIGHTING FIXTURES - SEE ELECTRICAL

32. EXISTING FLOORING SHALL BE PROTECTED AT ALL TIMES

33. PATCH, REPAIR, & PAINT CEILING AS REQUIRED.
34. NEW ACOUSTICAL DROP CEILING - SEE FINISH SCHEDULE.
35. RETURN VENTS - SEE MECH
36. EXPOSED DUCT WORK TO REMAIN - SEE MECH.

35. EXPOSED DUCT MORK TO REMAIN - SEE MECH.

37. PATCH & REPAIR MASONRY WALL. TOOTH-IN BRICK MASONRY TO MATCH
EXISTING ADJACENT IN COLOR, STYLE & SIZE.

38. NEW 12"X12" ACCESS DOOR

39. REMOVE & REPLACE PLASTER CEILING AS REQUIRED FOR NEW MECHANICAL VENT. - SEE MECH. MATCH EXISTING IN COLOR, TEXTURE, & HEIGHT.
40. NEW PLASTER BULKHEAD

GENERAL NOTES:

A. SEE MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR ASSOCIATED WORK.

3. ALL PROJECTORS ARE TO REMAIN UNLESS OTHERWISE NOTED.
C. ALL CEILING-MOUNTED SPEAKERS ARE TO REMAIN UNLESS OTHERWISE NOTED.
D. ALL EDUCATION EQUIPMENT, BOOKSHELVES, ELECTRONICS & FURNITURE

SHALL BE PROTECTED FROM DUST & DEBRIS AT ALL TIMES.

E. ALL VINYL BASE SHALL BE REMOVED& REPLACED WITH NEW VINYL WALL BASE IN ALL ROOMS RECEIVING NEW FLOORING. SEE FINISH SCHEDULE FOR COLOR.

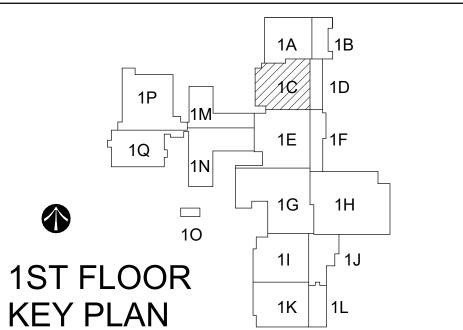
F. REMOVE & REPLACE ALL SUSPENDED ACOUSTICAL CEILING TILES. EXISTING SUSPENDED ACOUSTICAL CEILING TILES.

SUSPENDED ACOUSTICAL CEILING GRID SYSTEM TO REMAIN EXCEPT WHERE NOTED OTHERWISE. PROTECT THROUGHOUT PROJECT. ALL EXISTING CEILING MOUNTED EQUIPMENT SHALL REMAIN UNLESS NOTED OTHERWISE. REMOVE & REINSTALL CEILING-MOUNTED EQUIPMENT TO ALLOW WHOLE, UNCUT SUSPENDED ACOUSTICAL CEILING TILES TO BE REINSTALLED. - SEE ALT #2. ALL WINDOWS IN CLASSROOMS ARE TO RECEIVE NEW WINDOW SHADES. REFER TO FLOOR PLAN TAGS & SPECIALTY EQUIPMENT SCHEDULE. - SEE

ALT#2
ALL WALLS SHALL HAVE DAMAGE SPOTS REPAIRED & PRIMED. PRIME ENTIRE SURFACE OF WALL WITH OIL-BASED PRIMER & TWO-COAT FINISH PAINT WITH EXTERIOR ACRYLIC LATEX PAINT. ALL FINISH PAINT TO MATCH MAB 128 BONE WHITE. APPLIES TO ALL WALLS WHERE PLUMBING, MECHANICAL, & ELECTRICAL EQUIPMENT ARE BEING REMOVED OR MODIFIED AS PART OF THE BASE BID. SEE ALT #2 FOR ADDITIONAL SCOPE ALL ROOMS WITH NO SHEET NOTE #32 OR NOT IN CONTRACT (N.I.C. SHALL

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KEY PLAN:



Addendum #4 10.05.2021
Revisions / Submissions Date

LWC INCORPORATED

 434 East First Street
 Dayton, OH 45402
 937.223.6500

 712 East Main Street
 Richmond, IN 47374
 765.966.3546

Richmond Community Schools RICHMOND HIGH SCHOOL

380 Hub Etchison Pkwy,

RICHMOND Richmond, IN 47374

MECHANICAL MODERNIZATION

PROJECT

UNIT C FLOOR PLAN - ALTERNATES

Comm. No. Date

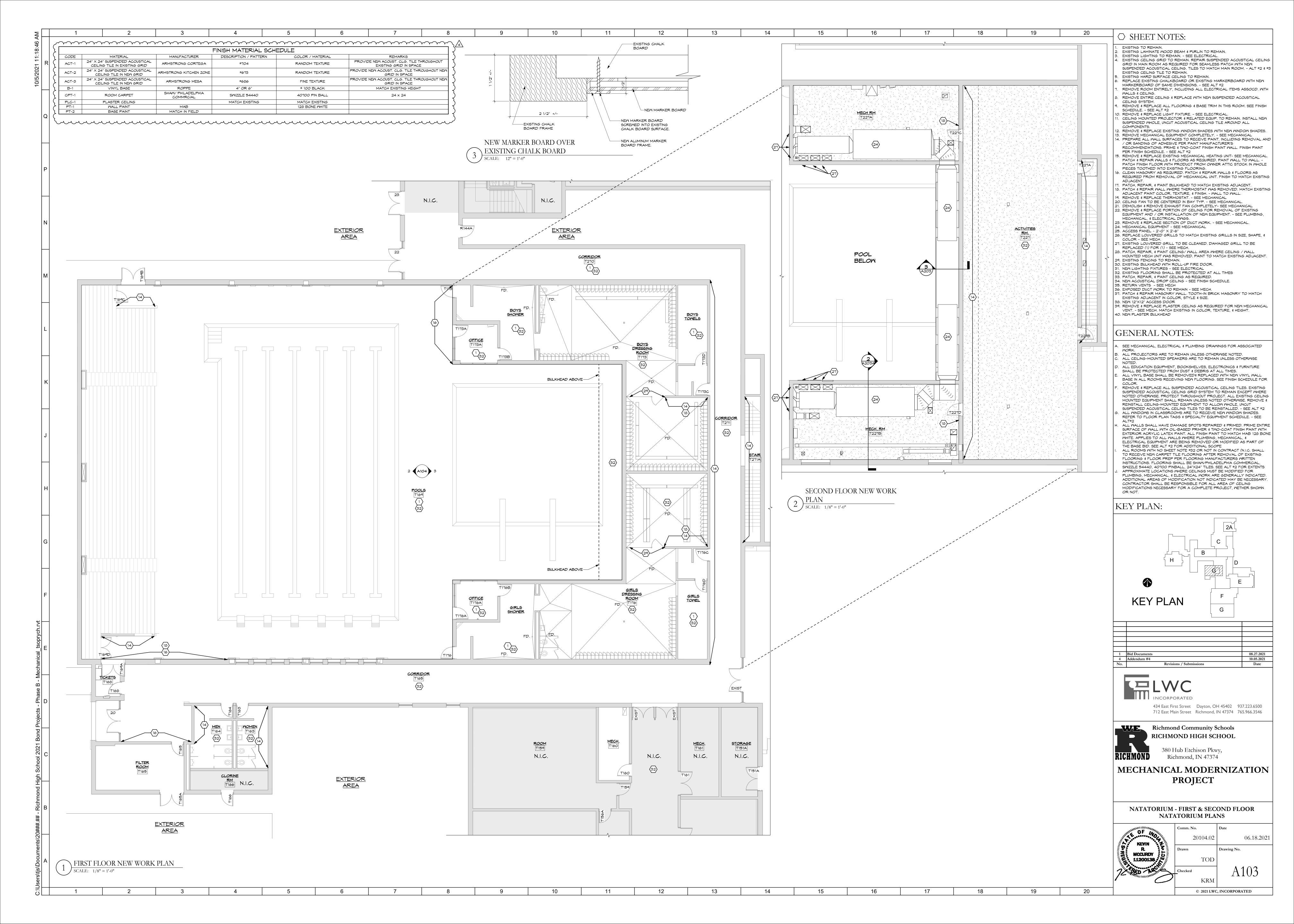
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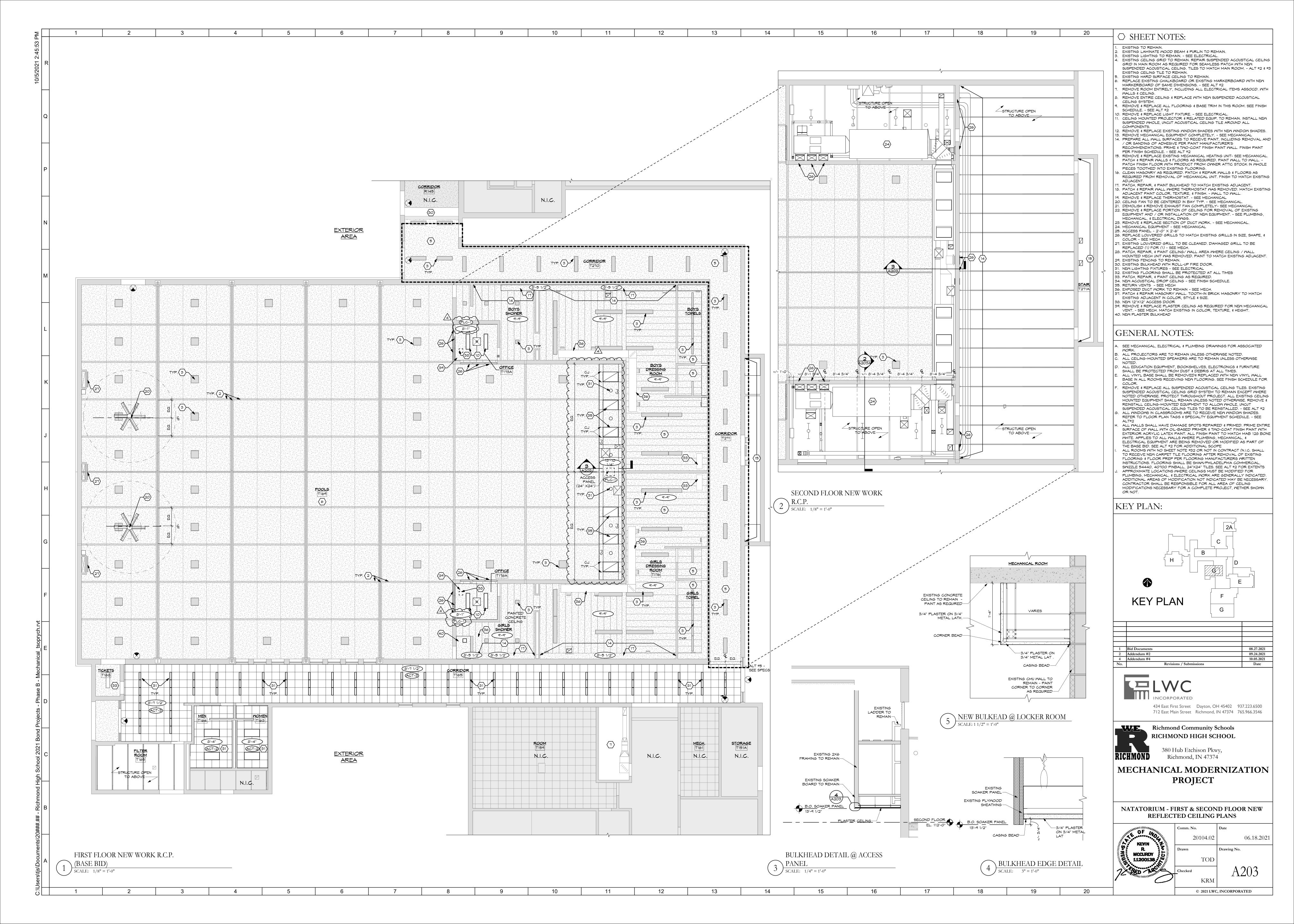
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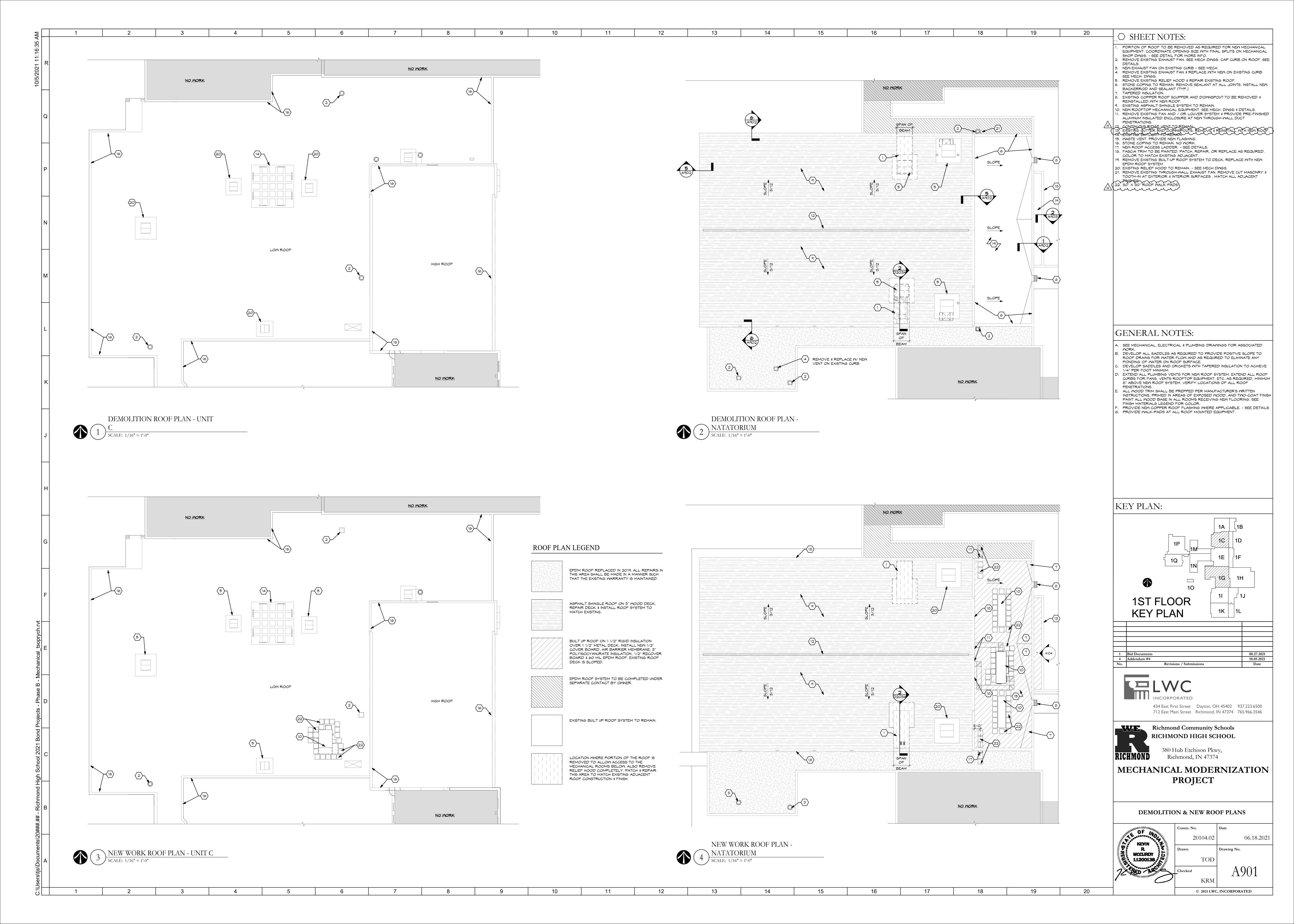
Date

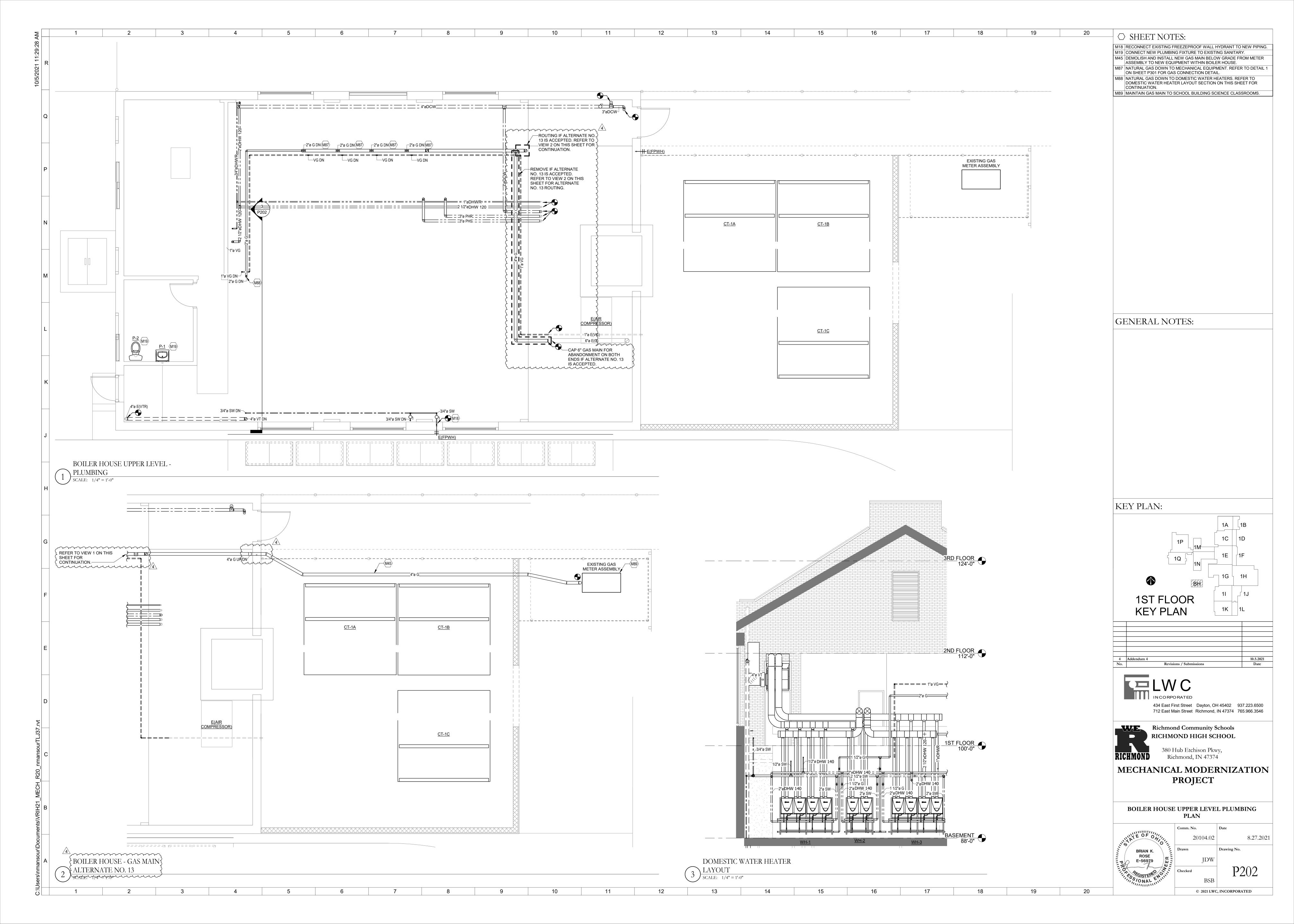
06.18.2021

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