RICHMOND COMMUNITY SCHOOL

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

ADDENDUM #02 September 24, 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 (8) pages.

Attachments:

- Prebid Sign In Sheet
- Drawings: S100, S500, D203, A203, M203, M204, M303
- Specifications: Section 000400 Form of Proposal, Section 012200 Unit Prices, Section 012300
 Alternates.

GENERAL NOTES

- **Bid Date and time is October 8, 2021, at 3:00 pm** at the School Administration Building, 300 Hub Etchison Parkway.
- The last Addendum will be issued Tuesday, October 5, 2021.
- The last day for Bidder Questions is Friday, October 1, 2021. Any questions after that date will not be answered.

PREBID MEETING AGENDA

The following is the pre-bid meeting Agenda.

Richmond Community School Richmond High School – Mechanical Modernization September 22, 2021, at 2:00 PM

- 1) Introductions / Registration sheet
- 2) Project Description
 - The Work of Project is defined by the Contract Documents and consists of the following:
 - Removal of the existing steam boilers and replacement with hydronic boilers.
 - Removal of two existing chillers and replacement with three new chillers and cooling towers.

- Replacement of steam piping in the tunnels from central plant throughout the building to where steam to hydronic heat exchangers are located.
- Replacement of all systems associated with the natatorium.
- Replacement of steam components in room east of the Library.
- There is an alternate to replace equipment and VAV boxes through the area of the Library.
- There is an alternate to replace finishes in the classrooms adjacent to the Library, including painting, flooring, new ceiling pads, replacement of chalkboards with markerboards, and new roller shades.
- Replacement of fencing and minor civil work around the location of the cooling towers.
- There is an alternate for additional demolition and grading south of the central plant where a chiller is being removed.
- A portion of roof over the natatorium will be replaced where new rooftop equipment is being mounted.
- There is miscellaneous exterior trim work around the perimeter of the natatorium.
- 4) Bids were originally due Friday, September 24, 2021, by 3:00 PM. Per Addendum 01, the new Bid Date and time will be October 8, 2021, at 3:00 pm at the School Administration Building, 300 Hub Etchison Parkway.
 - a. Submit sealed bids to:

Attention of Karen Scalf Chief Financial Officer Richmond Community Schools Richmond High School Fire Alarm Upgrades 300 Hub Etchison Parkway Richmond, Indiana 47374.

- b. Bids may **NOT** be submitted electronically.
- 5) Addendums Issued to date = 1
 - a. Addendum 01 was issued September 16, 2021.
 - b. At least one additional addendum to be issued, which will include:
 - i. Notes from today
 - ii. Clarifications as needed
 - iii. Asbestos report for materials in the area of this Project.
 - iv. Revised structural details in the Natatorium at the entrance to the Girl's Shower and Office T176A.
 - v. Revised mechanical drawings clarifying controls locations.
 - vi. Clarification of temporary mechanical equipment requirements and pricing.
 - vii. Revised Alternates.
 - c. Last day for Addenda was previously Tuesday, September 21, 2021. Per Addendum 01, the Last Addendum will be issued Tuesday, October 5, 2021.

- i. Prior to Addendum 01, all questions were to be submitted by Monday, September 20, 2021. Per Addendum 01, all questions must be submitted by Friday, October 1, 2021. Any questions submitted after that date and time will not be answered.
- 6) Documents available from the following locations. Contractors may arrange for printed "hard copies" with the printer of their choice, at Contractor's expense:
 - a. LWC's FTP. For access, contact Sherry Jeffers by email at sjeffers@lwcinspires.com
- 7) Single Prime General Contract
- 8) Prevailing wage rates *do not* apply
- 9) Owner is tax exempt.
- 10) Bidding and questions:
 - a. All questions must be submitted in writing to LWC, Inc. via email. No verbal answers will be given. Submit question to Kevin McCurdy:
 <u>kmccurdy@lwcinspires.com</u>
 - b. Additional site visits must be scheduled in advance with the Owner. No exceptions will be made. For access, contact Glen Slifer at 765.969.2484 and/or John Hamilton at 765.969.1357
- 11) General Project schedule:
 - First Advertisement: August 27, 2021
 - Second Advertisement: September 03, 2021
 - Pre-bid Meeting: September 07, 2021, at 3:00 pm.
 - Last Day for Bidder Questions: September 17, 2021
 - Date of Last Addendum: September 21, 2021
 - Bids Due: September 24, 2021, at 3:00 pm.
 - Anticipated Contract Award: October 06, 2021
 - Issue Notice to Proceed: October 07, 2021
 - Construction Start: November 01, 2021* (Refer to Phasing Plans)
 - i. Phase 1: Chiller Work (Start November 01, 2021)
 - ii. Phase 2: Boiler Work ** (Start approx. April, 2022 Coordinate w/end of heating)
 - iii. Phase 3: Natatorium & Library Work** (Start contingent on Phase 2)
 - Substantial Completion Date for all work inside the building: July 22, 2022** (Completion Date for overall project may be longer for work associated with work not inside the building. This will be negotiated with the lowest and most responsive Bidder prior to final Contract as part of an overall review of the Project Schedule between the Owner, Bidder, and Architect).

- Punchlist Completed for all work inside the building: August 05, 2022
 (Punchlist for overall project may be longer for work associated with work not inside the building. This will be negotiated with the lowest and most responsive Bidder prior to final Contract as part of an overall review of the Project Schedule between the Owner, Bidder, and Architect).
 - * Note: Work in Central Plant (a.k.a. Boilerhouse) may be performed during school hours. All work inside the building during the regular school year, including work in the tunnels and basement, must be performed off hours when students are not in the building (from after 4:00 pm to 7:00 am). Work during summer school (June 06, 2022 August 05, 2022) may be performed inside the building, including work in the tunnels and basements, at any time.

 **Note: It is anticipated that after hours work will be required to meet the project schedule. The Contractor shall be responsible for any after hours or premium costs required to meet the Date of Substantial Completion.

12) Allowances:

a. There are currently no Allowances to include in the Base Bid as part of this Project.

13) Unit Prices

a. There are currently no unit prices.

14) Alternates

- a. Alternate No. 01 Additional Scope at Existing South Chiller Location.
 - i. 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.
 - ii. 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.
- b. Alternate No. 02 Additional Classroom Finishes.
 - i. 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 L100, 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.
- ii. 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.
- c. Alternate No. 03 Additional Mechanical Scope at Unit C.
 - i. 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.
 - ii. 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.
- d. Alternate No. 04 Add New Equipment in Fan Room L103 at Unit C.
 - i. 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.
 - ii. 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.
- e. Alternate No. 05 Extend ceiling and lighting replacement in hall around pool.
 - Base Bid Work shall leave existing ceiling and lights in Corridor T270 and Corridor T271 as-is.
 - ii. 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.
- f. Alternate No. 06 Alternate Controls Contractor.
 - i. This Alternate is being deleted as part of Addendum 02.
- g. Alternate No. 07 Delay Natatorium Work Until 2023.

- i. This Alternate is being deleted as part of Addendum 02.
- h. Alternate No. 08 Delay Library Work Until 2023.
 - i. 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.
 - ii. 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.
- 15) Special attention to the following:
 - a. Owner will occupy site and existing building during entire construction period. This includes portions of the building during the summer for summer school and other community activities in and around the building. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's day-to-day operations. Maintain existing exits unless otherwise indicated. Refer to Phasing Plans. Note: Phasing plans are schematic. The General Contractor will be responsible for finalizing Phasing Plans based on their means and methods and detailed sequence of activities.
 - b. Notify Owner not less than 72 hours in advance of the following activities:
 - i. Any noise-generating activities anticipated during times when the building will be occupied.
 - ii. Any activity that will affect full functionality of the fire alarm system in any area of the building.
 - iii. Disruption of any building utilities.
 - iv. Closure of any means of egress pathway or exit from the building.
 - v. Any rigging or other activities that might involve the use of crane and/or other overhead activities with significant loads.
 - c. Work during normal school year **inside the building** will be required to be between 4:00 pm and 7:00 am. Work at Central Plant can be performed at any

- time as long as all other requirements for noise, safety, and Owner notification of activities identified throughout the Specifications are followed.
- d. The location of Site Trailer, dumpster, Contractor parking and building access will change from summer hours to regular school hours.
- e. Temporary conditioning requirements were added to the Project as part of Addendum 01. The intent is alleviate concerns about equipment delivery and potential impact to schedule. The cost for this will still need to be tracked as noted.
- f. Submittals for major equipment shall be required within 10 days of Letter of Intent to Award issued following the Boards determination of the lowest and most responsive Bidder.
- 16) Temporary facilities as specified.
- 17) Contractor shall ensure site security.
- 18) Coordinate all site activities with Owner to ensure Owner access.
- 19) Personal Protective Equipment requirements by Contractor.
 - a. Follow State mandated COVID-19 protocols as well as RCS requirements.
 Currently, masks are required in the building, but not outside.
- 20) Weekly progress meetings as stipulated in the project manual.
 - a. Pre-Construction, Scheduling and Pre-install meetings as required.
 - b. Contractor may utilize portion of site for meetings.
- 21) General questions?
- 22) Tour

PREBID QUESTIONS AND ANSWERS:

Question: Do masks apply to central plant?

Answer: Masks are not required in central plant or outside the building. Your own company policies and requirements for COVID apply in those spaces. The mask mandate only applies to spaces inside and directly connected to the educational areas of the high school.

Question: Will a new Bid Form be issued?

Answer: Yes, a new Bid Form will be issued with Addendum #02.

Question: What is the budget for the project?

Answer: The project estimate is \$7.9 million. (It was stated in the meeting that the budget was \$8 million, which was inaccurate).

Question: What is the schedule for the pool?

Answer: The pool could be made available for full Contractor access during normal school hours starting the third week of March. This would need to be coordinated with the Owner between the issuance of the Notice of Intent and Contract as part of the overall schedule so they can prepare an alternative location for swimming after the third week of March.

DRAWINGS

ITEM NO.1 Drawing S100

A. Add Section callouts at southwest corner of second floor Area G. See attached drawing.

ITEM NO.2 Drawing S500

A. Add Sections 6-8 as shown on attached drawing.

ITEM NO.3 Drawing D203

A. Clarification notes to Office "T173A & T176A" on drawing.

ITEM NO.4 Drawing A203

A. Clarification notes to Office "T173A & T176A" on drawing.

ITEM NO.5 Drawing M203

A. Added BAS panel adjacent to HVLAS fan BACnet controller.

ITEM NO.6 Drawing M204

A. Moved VFD controller near structure to maintain 25ft requirement.

ITEM NO.7 Drawing M303

A. BAS panel added in each mechanical room.

SPECIFICATIONS

ITEM NO. 1 000400 – Bid Proposal Form

A. Add Unit Prices No.1 and No. 2.

B. Review Alternates No. 6 and 7.

ITEM NO. 2 012200 – Unit Prices

A. Add new specification section.

ITEM NO. 3 012300 – Alternates

A. Revise Alternate No. 06.

B. Revise Alternate No. 07.

END OF ADDENDUM #02



Pre-Bid Meeting Sign-in Sheet

Date and Local Time:

September 22, 2021, 2:00 PM

PRINT NAME & TITLE COMPANY ADDRESS	TELEPHONE NOS. E-MAIL ADDRESS
1 Kevin R. McCurdy, AIA LWC, Inc. 712 East Mair	ofc. 765-966-3546 kmccurdy@lwcinspires.com
	fax cell 765-277-9738
	CON 100-211-0100
2 BAVID HOLT PHB	ofc. 5-13-604-1492
	cell cholita Acchange redayers
alasaji Braskon	The second of th
3 JOHN Mc Glynn Sundquist Cb.	orc. THEGYAR SENDGUIST COMPANY & COM
Land Commence of	fax cell 3/7-459-3557
4 Ken Harris Thur Construction	of Kene thor - constantion, ne
	fax cell 317-702-5094
0 1	
5 RON MAZE THOR CONST	ofc. 765-914-1889
	fax cell
() () () () ()	
6 Greg Lew WCI	ofc. 765-977-1218
Briw BATTWEER WCI	cell G-reg @ WCi Richnowd, com
	2150000000
7 BLAD CULY CULY MECHANICAL	ofc. 765 969- 5957
	fax cell D.CulvAYAHCO,CoM
11 '11 11 1 1 1 1 1 1	
8 Noville Huchart Egglo Mechanical	ofc nhichart PBCasle mechanicaline. ne
	cell 937-603-1986
Brian Clouse JCI	ofc. Brian. T. Clouse & JCI.CUN
	fax cell 3)7-416-0607
M O la Tat	
10 Marin Joyle JCI	ofc.
/	fax_ cell 513-620-/848
Kila Farada Nilla na I	
11 hyle French North Mechan	ofc 317-610-2627
	fax cell 317- 657-8802
12 Glow Slifer RCS	
12 Glow Slifer RCS	ofc. 765-969-2484
	fax cell
the Third	0.5
13 NIC ELLIOTY FAGIL MECHANICA!	
	fax cell
14 STATE ShVIE SGCI	ofc. 962-1378
14 /1012 /11/18	ofc. 962-1318
	cell
T -1 1111 COST	062 1275
15 Jeremiah Waltz SGCT	ofc. 962-1378

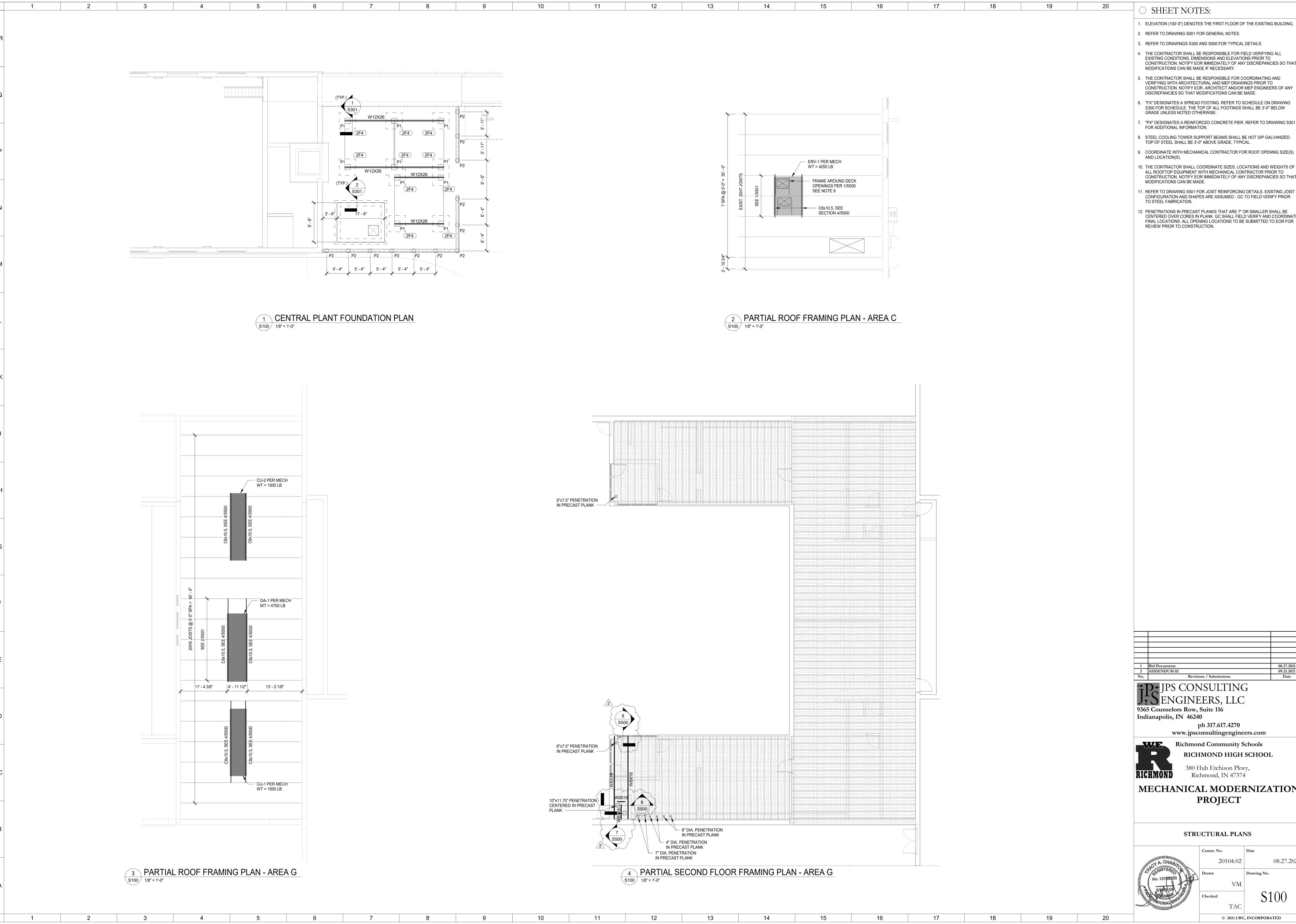


Pre-Bid Meeting Sign-in Sheet

Date and Local Time:

September 22, 2021, 2:00 PM

PRINT NAME & TITLE COMPANY ADDRESS	TELEPHONE NOS.	E-MAIL ADDRESS
	fax	jualt=@smarrell: con
	cel	3
- 1 11 1 Pes		
6 John Hamilto RCS	ofc.	
	fax	
And the second	cell	
11 11 = 111 -11		1 - 1
Mike Meyer TJ Williams Electric	ofc.	Miken@ twelco
	fax	<u> </u>
	cell	
Acron Rycen Rycen's Flooring	ofc. COMU	nercial Dyjanst
	fax	70.7
	cell	
9	ofc.	
	fax	
	cell	
	ofc.	
	fax	
	cell	
	ofc.	
	fax	
	cell	
2	ofc.	
	fax	-
	cell	



> SHEET NOTES:

1. ELEVATION (100'-0") DENOTES THE FIRST FLOOR OF THE EXISTING BUILDING.

2. REFER TO DRAWING S001 FOR GENERAL NOTES.

3. REFER TO DRAWINGS S300 AND S500 FOR TYPICAL DETAILS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY EOR IMMEDIATELY OF ANY DISCREPANCIES SO THAT MODIFICATIONS CAN BE MADE IF NECESSARY.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING WITH ARCHITECTURAL AND MEP DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY EOR, ARCHITECT AND/OR MEP ENGINEERS OF ANY DISCREPANCIES SO THAT MODIFICATIONS CAN BE MADE.

6. "FX" DESIGNATES A SPREAD FOOTING. REFER TO SCHEDULE ON DRAWING S300 FOR SCHEDULE. THE TOP OF ALL FOOTINGS SHALL BE 3'-0" BELOW

7. "PX" DESIGNATES A REINFORCED CONCRETE PIER. REFER TO DRAWING \$301 FOR ADDITIONAL INFORMATION.

TOP OF STEEL SHALL BE 3'-0" ABOVE GRADE, TYPICAL.

10. THE CONTRACTOR SHALL COORDINATE SIZES, LOCATIONS AND WEIGHTS OF ALL ROOFTOP EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO CONSTRUCTION. NOTIFY EOR IMMEDIATELY OF ANY DISCREPANCIES SO THAT

MODIFICATIONS CAN BE MADE. 11. REFER TO DRAWING S501 FOR JOIST REINFORCING DETAILS. EXISTING JOIST

CONFIGURATION AND SHAPES ARE ASSUMED - GC TO FIELD VERIFY PRIOR TO STEEL FABRICATION.

12. PENETRATIONS IN PRECAST PLANKS THAT ARE 7" OR SMALLER SHALL BE CENTERED OVER CORES IN PLANK. GC SHALL FIELD VERIFY AND COORDINATE FINAL LOCATIONS. ALL OPENING LOCATIONS TO BE SUBMITTED TO EOR FOR REVIEW PRIOR TO CONSTRUCTION.

Revisions / Submissions

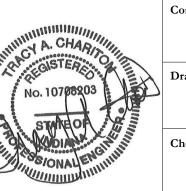
ph 317.617.4270

www.jpsconsultingengineers.com **Richmond Community Schools** RICHMOND HIGH SCHOOL

380 Hub Etchison Pkwy, Richmond, IN 47374

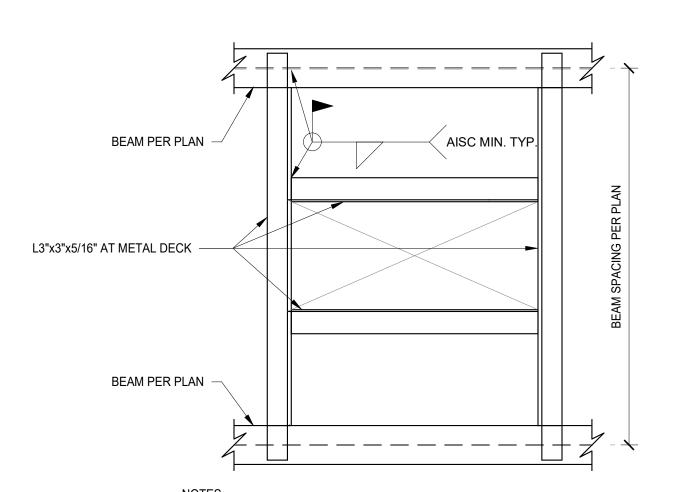
MECHANICAL MODERNIZATION **PROJECT**

STRUCTURAL PLANS



08.27.2021

© 2021 LWC, INCORPORATED

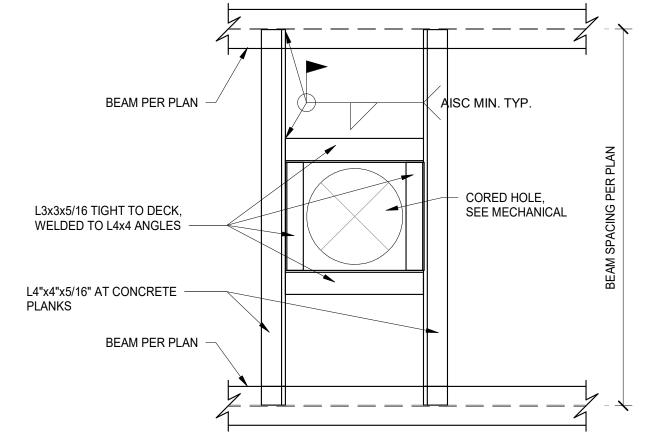


NOTES:

LARGER.

- 1. PROVIDE STEEL FRAME AROUND ALL OPENINGS WITH ANY DIMENSION 12" OR
- 2. VERIFY SIZE AND LOCATION OF OPENINGS WITH THE VARIOUS TRADES. PROVIDE STEEL FRAME AROUND THE GROUP OF ANY TWO OR MORE PIPE PENETRATIONS WITH LESS THAN 12" CLEAR BETWEEN THE PENETRATIONS. VERIFY SIZE AND LOCATION OF THE PENETRATIONS WITH THE VARIOUS TRADES.
- 3. SUBMIT FRAME LAYOUTS AS COORDINATED WITH OTHER TRADES FOR SIZES AND LOCATIONS FOR A/E APPROVAL.
- 4. PROVIDE STEEL FRAME AROUND ALL ROOF DRAINS REQUIRING METAL SUMP PAN. FOR NUMBER AND LOCATIONS OF ROOF DRAINS, SEE PLUMBING & ARCHL DWGS.

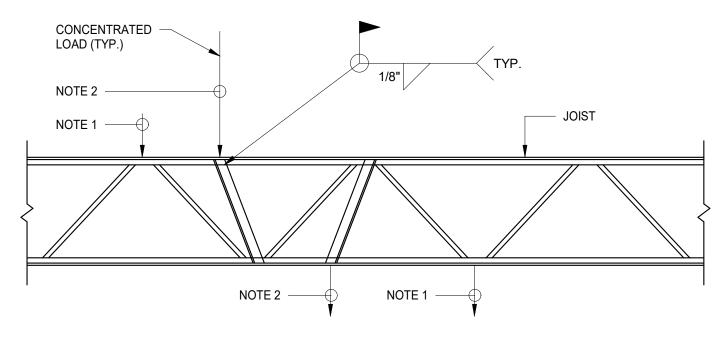
1 TYPICAL FRAMED OPENING DETAIL S500 3/4" = 1'-0"



LARGER.

- 1. PROVIDE STEEL FRAME AROUND ALL OPENINGS WITH ANY DIMENSION 12" OR
- 2. VERIFY SIZE AND LOCATION OF OPENINGS WITH THE VARIOUS TRADES. PROVIDE STEEL FRAME AROUND THE GROUP OF ANY TWO OR MORE PIPE PENETRATIONS WITH LESS THAN 12" CLEAR BETWEEN THE PENETRATIONS. VERIFY SIZE AND LOCATION OF THE PENETRATIONS WITH THE VARIOUS TRADES.
- 3. SUBMIT FRAME LAYOUTS AS COORDINATED WITH OTHER TRADES FOR SIZES AND LOCATIONS FOR A/E APPROVAL.
- 4. PROVIDE STEEL FRAME AROUND ALL ROOF DRAINS REQUIRING METAL SUMP PAN. FOR NUMBER AND LOCATIONS OF ROOF DRAINS, SEE PLUMBING & ARCHL DWGS.

2 TYPICAL FRAMED OPENING DETAIL AT BOILER HOUSE



16

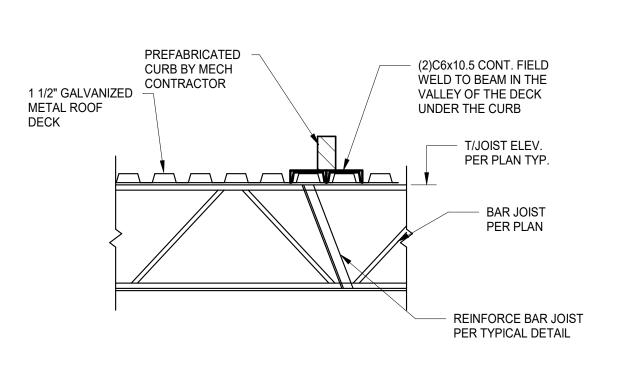
12

13

14

1. FOR CONCENTRATED LOADS LOCATED AT JOIST PANEL POINT LOCATION, NO ADDITIONAL ANGLE REQUIRED. 2. WHERE STEEL FRAMES INTO OR SETS ON JOISTS NOT LOCATED AT PANEL POINTS, PROVIDE (2) L1x1x1/8 TO PANEL POINT AS SHOWN.

3 TYPICAL BAR JOIST REINFORCING FOR CONCENTRATED LOADS
3/4" = 1'-0"



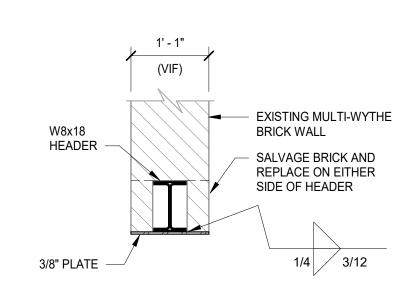
22

23

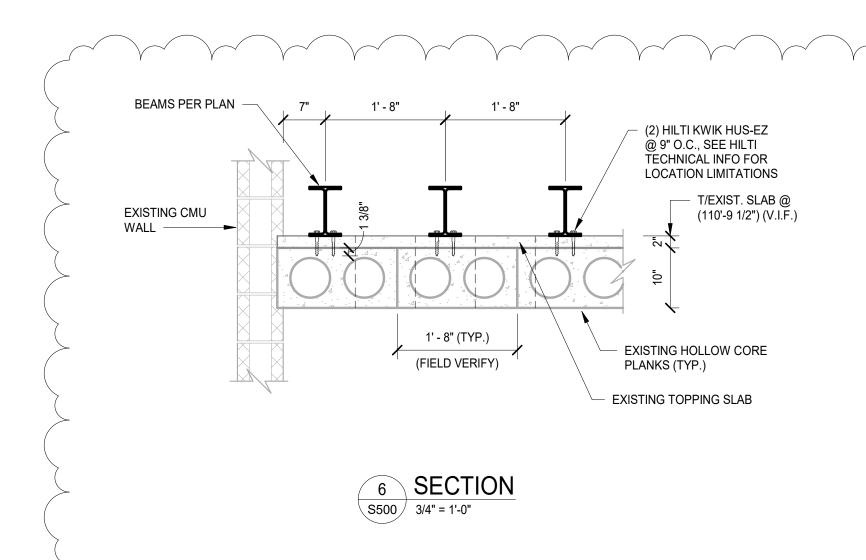
18

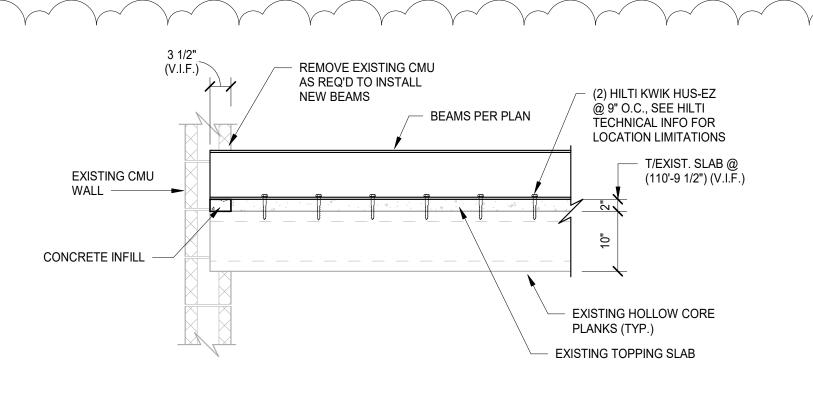
19

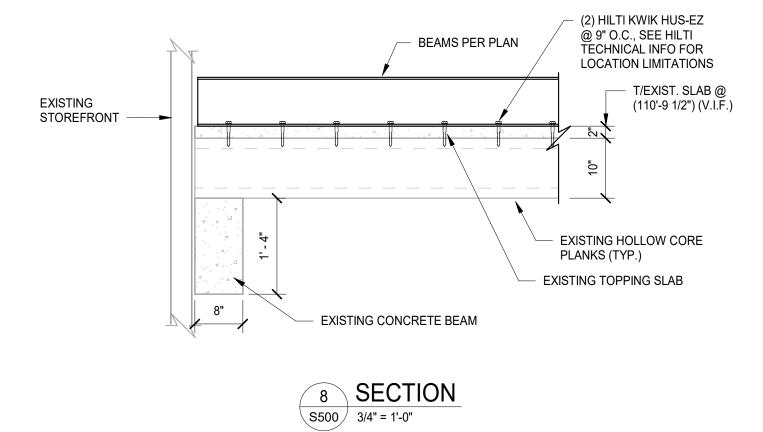
TYPICAL FABRICATED CURB ON ROOF BAR JOIST SUPPORT S500 3/4" = 1'-0"



5 TYPICAL HEADER AT UTILITY PLANT WALL S500 3/4" = 1'-0"







7 SECTION S500 3/4" = 1'-0"

> 1 Bid Documents
> 2 ADDENDUM 02
> No. 08.27.2021 09.21.2021 Date Revisions / Submissions

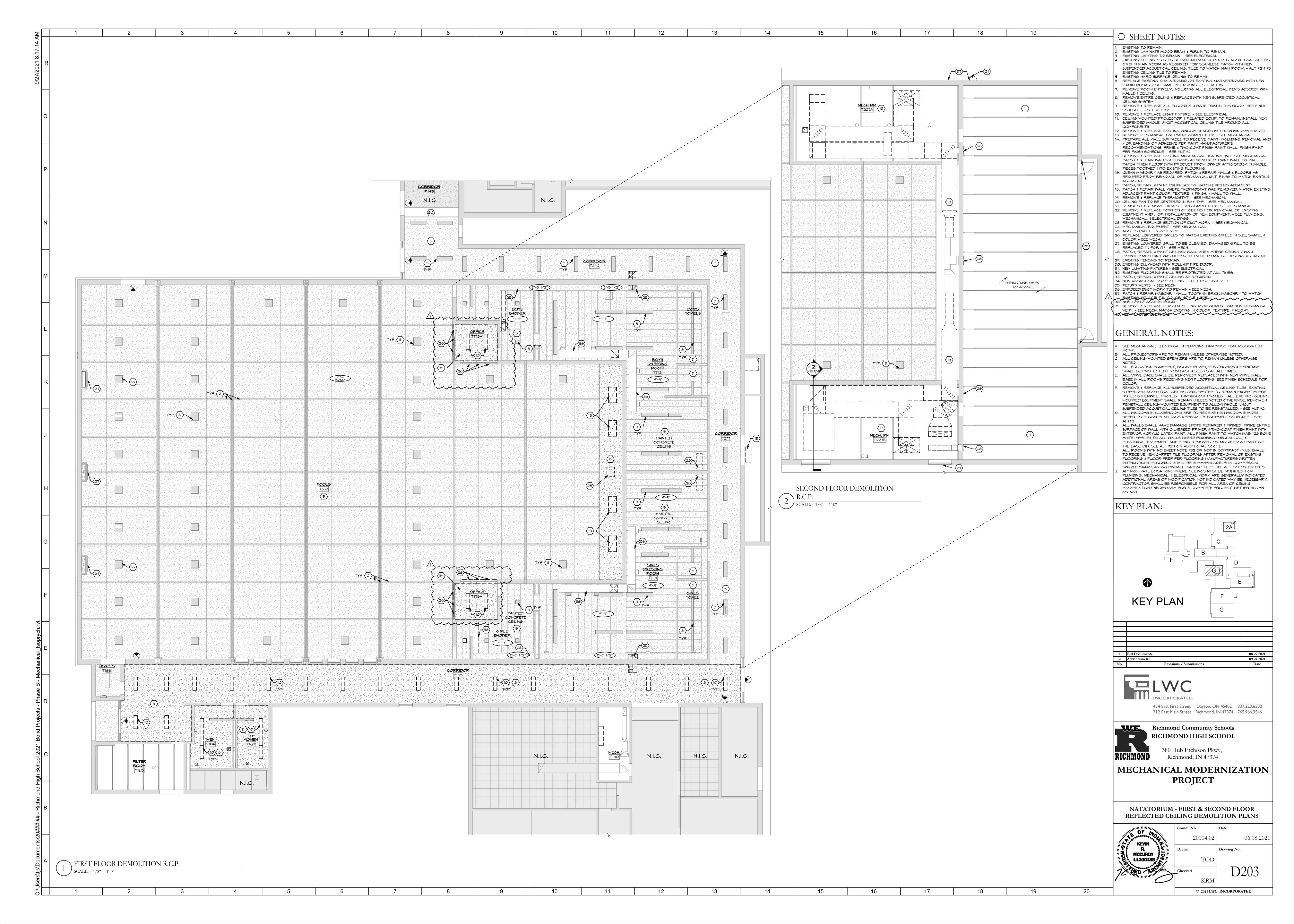
JPS CONSULTING 9365 Counselors Row, Suite 116

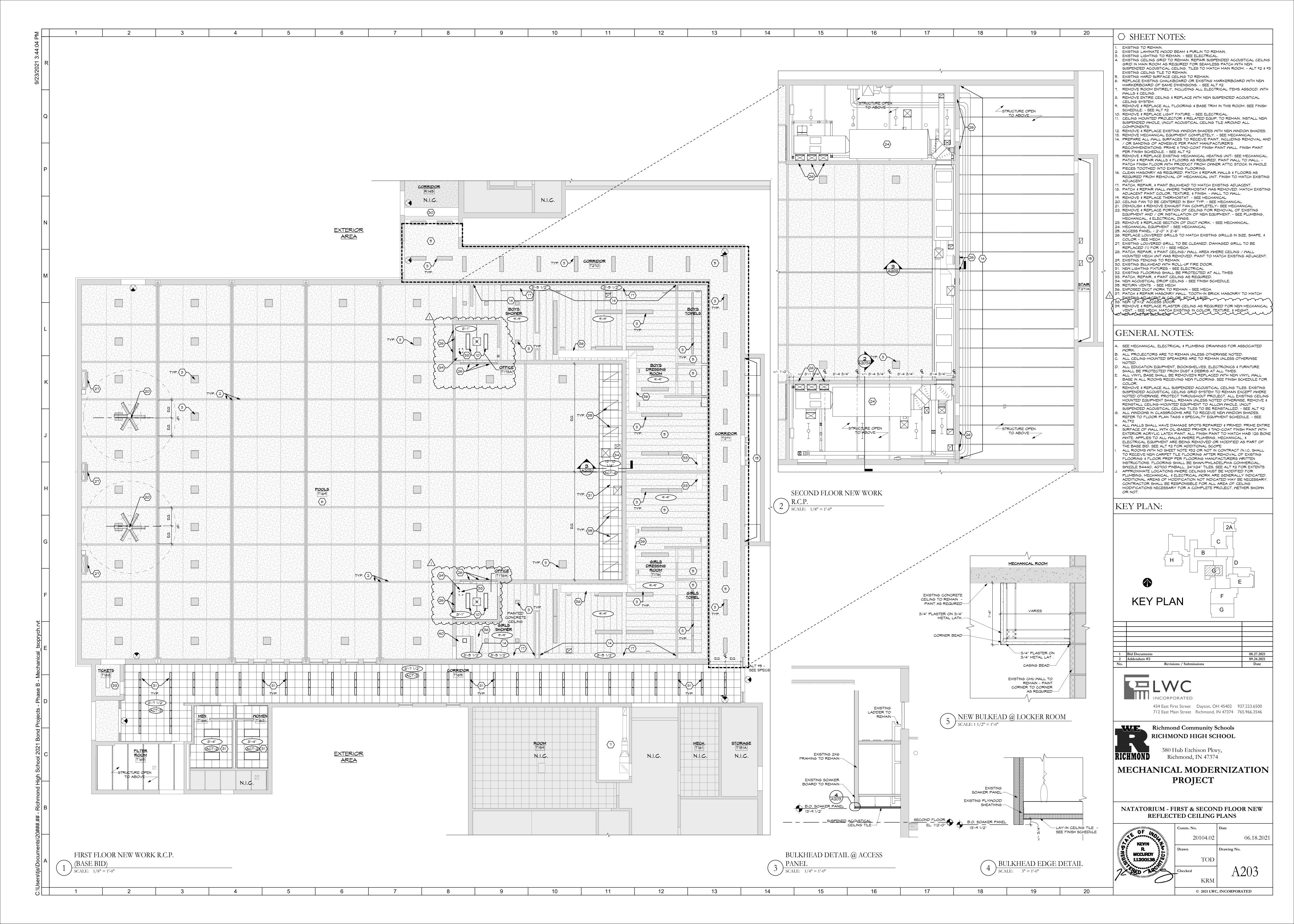
Indianapolis, IN 46240 ph 317.617.4270 www.jpsconsultingengineers.com

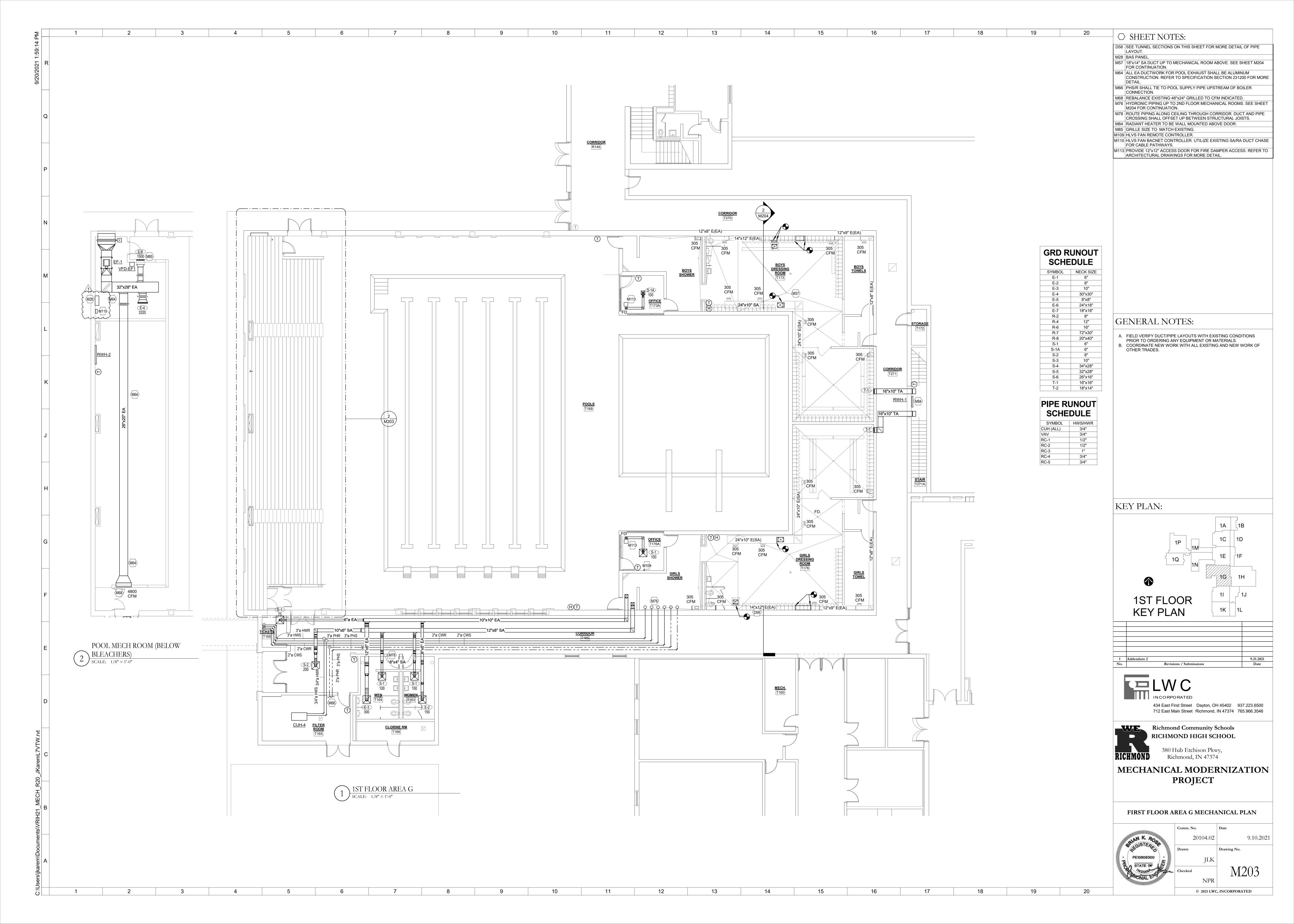
Richmond Community Schools RICHMOND HIGH SCHOOL 380 Hub Etchison Pkwy, Richmond, IN 47374

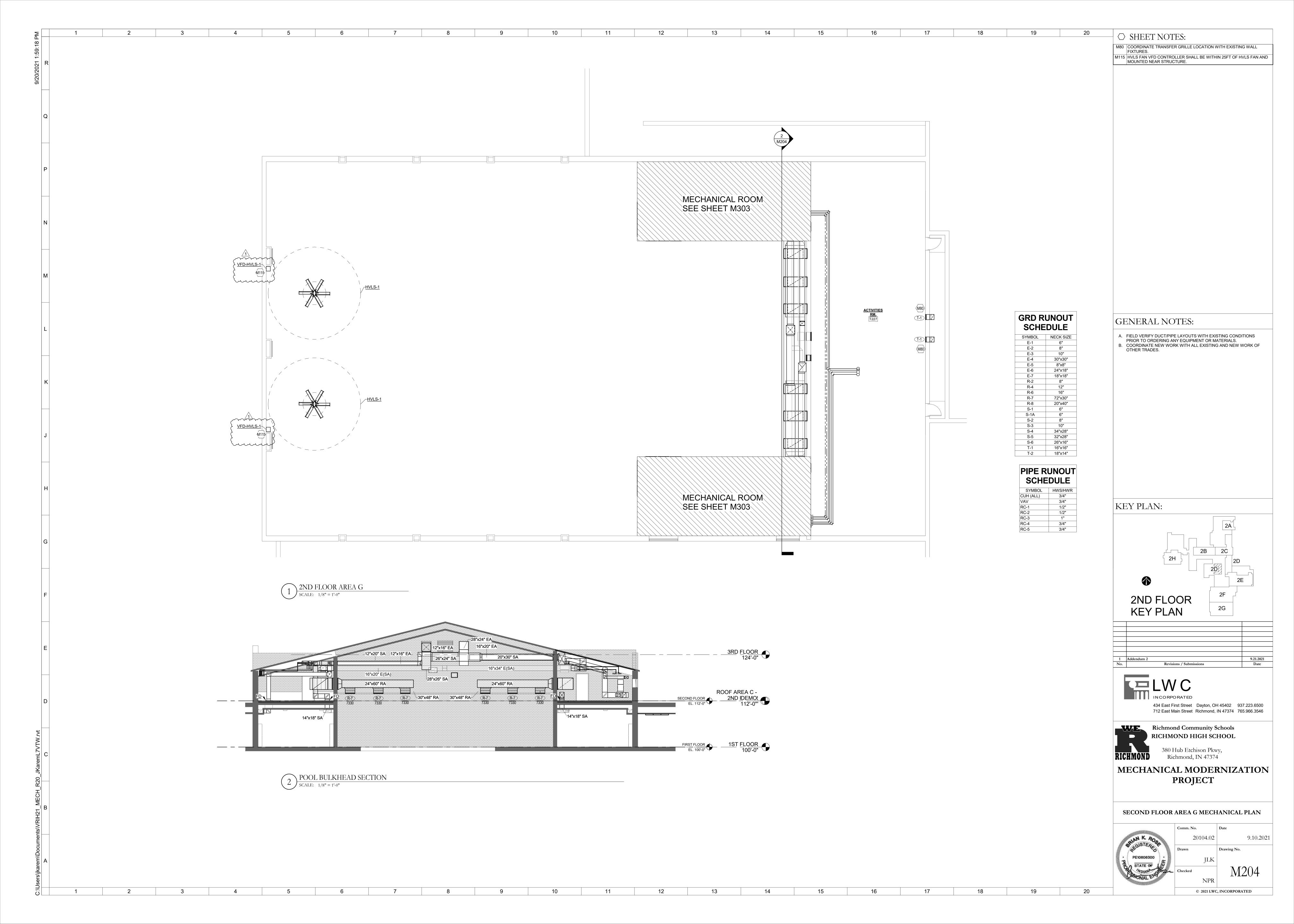
© 2021 LWC, INCORPORATED

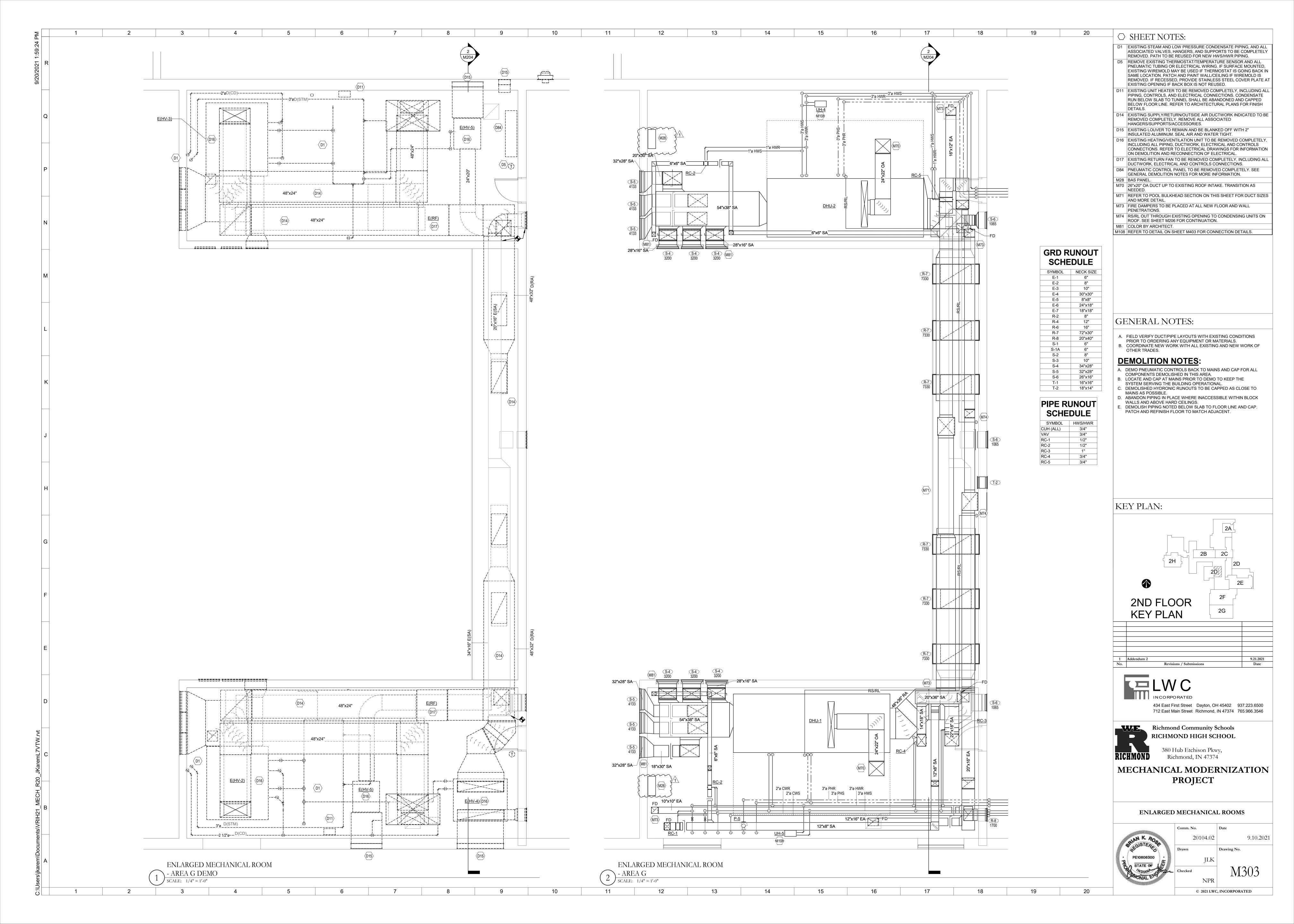
MECHANICAL MODERNIZATION **PROJECT** TYPICAL STEEL DETAILS











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

C.I	12	ΝЛΙ	 _ '	B)	∕.

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.:	
۸۵۵۵۰	nda Dagaiyadı	

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:	

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 012200 - UNIT PRICES

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. This Section includes administrative and procedural requirements for unit prices.
- B. Related Sections include the following:
 - 1. Division 01 Section "Contract Modification Procedures" for procedures for submitting and handling Change Orders.

1.3 DEFINITIONS

A. Unit price is an amount proposed by bidders, stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A list of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

UNIT PRICES 012200 - Page 1 of 2

3.1 LIST OF UNIT PRICES

- A. Unit Price No. 1 Monthly Rental of Temporary Boiler:
 - 1. Description: Provide a price per month for rental fees of temporary boiler. Cost shall include all markups.
- B. Unit Price No. 2 Monthly Rental of Temporary Chiller:
 - 1. Description: Provide a price per month for rental fees of temporary chiller. Cost shall include all markups.

END OF SECTION 012200

UNIT PRICES 012200 - Page 2 of 2

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 4

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 4

- 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 4

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.

END OF SECTION 012300

ALTERNATES 012300 – Page 4 of 4