ADDENDUM NO. 2

September 25, 2024

South Westnedge School Remodel & Site Improvements
3333 South Westnedge Avenue
Kalamazoo, MI 49008

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated September 6, 2024, by TowerPinkster. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1, and TowerPinkster Addendum No. 01 dated September 20, 2024, consisting of 53 pages.

A. **SPECIFICATION SECTION 00 00 10 Title Page**

1. Revise Bids to Thursday, October 10, 2024, at 2:00 PM

B. **SPECIFICATION SECTION 00 00 20 Table of Contents**

1. Remove and replace with updated Table of Contents.

C. **SPECIFICATION SECTION 00 20 00 Notice To Bidders**

1. Revise Bids Received to Thursday, October 10, 2024, at 2:00 PM.
2. Bid Opening. Bids will be publicly opened and read aloud on Thursday, October 10, 2024, shortly after the 2:00 PM Bid receipt deadline, Kalamazoo Public Schools Facilities Office, 600 West Vine Street, Kalamazoo, MI 49008.

D. **SPECIFICATION SECTION 01 12 00 Multiple Contract Summary**

3.03 BID CATEGORIES

A. BID CATEGORY NO. 1 – SITEWORK

Add the following Specification Sections:
32 92 00 Turf and Grasses
32 93 00 Plants

G. BID CATEGORY NO. 7 – GENERAL TRADES

Add the following Specification Sections:
02 41 19 Selective Demolition
06 10 00 Rough Carpentry
06 61 16 Solid Surfacing Fabrication

I. BID CATEGORY NO. 9 – METAL STUDS, DRYWALL, & ACOUSTICAL CEILINGS

Add the following Specification Sections:
06 16 00 Sheathing

E. **SPECIFICATION SECTION 01 32 00 – Scheduled And Reports**

a. **1.03 Guideline Schedule**

Add:

1. See Guideline Schedule Attached.

TowerPinkster

Architecture · Engineering · Interiors

ADDENDUM NO. 1

DATE OF ISSUANCE:	**September 20, 2024**
PROJECT:	**South Westnedge School Remodeling and Site Improvements** **3333 S Westnedge Ave** **Kalamazoo, MI 49008**
OWNER:	**Kalamazoo Public Schools**
ARCHITECT'S PROJECT NO.:	**23-606.00**
ORIGINAL BID ISSUE DATE:	**September 6, 2024**

SCOPE OF WORK

This Addendum includes changes to, or clarifications of, the original Bidding Documents and any previously issued addenda, and shall be included in the Bid. All of these Addendum items form a part of the Contract Documents. The Bidder shall acknowledge receipt of this Addendum in the appropriate space provided on the Bid Form. Failure to do so may result in disqualification of the Bid.

DOCUMENTS INCLUDED IN THIS ADDENDUM

This Addendum includes **2** pages of text and the following documents:

- Bidding Documents: **NA**
- Contract Conditions: **NA**
- Specification Sections: **22 1116**
- Drawings: **C100, C300, P 501, FP 101, MD 301, M 301, M 310**

CHANGES TO PREVIOUSLY ISSUED ADDENDA

None.

CHANGES TO SPECIFICATIONS

ADD-1 Item No. S-1 - Addition of water meter

Refer to Specification Section: 22 1116 – Domestic Water Piping

Added section on water meter installation by utility provider.

CHANGES TO DRAWINGS

ADD-1 Item No. D-1 - Replacement of Main Water Service to Building

Refer to Reissued Sheet(s): C100, and C300

Revised drawing to include the removal and replacement of existing roadway and sidewalk as needed for installation of new 6" D.I. water service to building and the removal of existing 4" Cast Iron water service. Placement of 6" D.I. water service to building.

ADD-1 Item No. D-2 - Replacement of main water service, domestic water pipe, and fire protection.

Refer to Sheet(s): **P 501, FP 101, MD 301, M 301, M 310**

Revised drawings to show demolition of 3" existing water service and replaced with 6" combined domestic cold water and fire protection. Scope includes removal of unused air compressor and tubing, relocation of water softener and heater, new water meter, and necessary valve and backflow preventers. Main to come into building under the mechanical room stairs.

END OF ADDENDUM.

SECTION 22 1116 - DOMESTIC WATER PIPING

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. ~~This Section includes domestic water piping inside the building.~~

B. This Section includes domestic water piping and water meters inside the building.

1. **Water meters will be furnished and installed by utility company.**

C. Related Sections include the following:

1. Division 22 Section "Meters and Gages for Plumbing Piping" for thermometers, pressure gages, and fittings.
2. Division 22 Section "Domestic Water Piping Specialties" for water distribution piping specialties.

1.3 PERFORMANCE REQUIREMENTS

A. Provide components and installation capable of producing domestic water piping systems with 125 psig, unless otherwise indicated.

1.4 QUALITY ASSURANCE

A. Piping materials shall bear label, stamp, or other markings of specified testing agency.

B. Comply with NSF 61, "Drinking Water System Components - Health Effects; Sections 1 through 9," for potable domestic water piping and components.

C. Comply with NSF 372, "Drinking Water System Components – Lead Content" for potable domestic water piping and components.

1.5 FIELD CONDITIONS

A. Interruption of Existing Water Service: Do not interrupt water service to facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary water service according to requirements indicated:

1. Notify Construction Manager no fewer than two days in advance of proposed interruption of water service.

2. Do not interrupt water service without Construction Manager's written permission.

1.6 REGULATORY REQUIREMENTS

A. Comply with the provisions of the following:

1. Michigan Plumbing Code.

PART 2 - PRODUCTS

2.1 PIPING MATERIALS

A. Comply with requirements in "Piping Schedule" Article for applications of pipe, tube, fitting materials, and joining methods for specific services, service locations, and pipe sizes.

B. Potable-water piping and components shall comply with NSF 14, NSF 61, and NSF 372.

C. Transition Couplings for Aboveground Pressure Piping: Coupling or other manufactured fitting the same size as, with pressure rating at least equal to and ends compatible with, piping to be joined.

2.2 COPPER TUBE AND FITTINGS

A. Hard Copper Tube: ASTM B 88, Types L , water tube, drawn temper.

1. Copper Pressure Fittings: ASME B16.18, cast-copper-alloy or ASME B16.22, wrought- copper, solder-joint fittings. Furnish wrought-copper fittings if indicated.
2. Bronze Flanges: ASME B16.24, Class 150, with solder-joint ends. Furnish Class 300 flanges if required to match piping.
3. Copper Unions: MSS SP-123, cast-copper-alloy, hexagonal-stock body, with ball-and-socket, metal-to-metal seating surfaces, and solder-joint or threaded ends.
4. .

2.3 MECHANICAL JOINT COPPER PRESS FITTING SYSTEM

A. At the Installer's option, mechanical joint copper press fitting system using Type L copper tubing may be used for 4 inch and smaller above ground domestic water systems in lieu of soldered or threaded connections as specified.

B. Provide manufacturer’s standard mechanical joint copper press fittings and couplings which are suitable for the temperature range and operating pressures specified for each system and have the approval of state and local codes having jurisdiction.

C. Fittings shall conform to the material and sizing requirements of ASME B16.18 or ASME B16.22. O-rings for fittings shall be EPDM.

D. Manufacturers: Subject to compliance with requirements, provide product by one of the following:

1. Ridgid/Viega “ProPress”
2. NIBCO “Press”
3. Apollo “Xpress”

2.4 PIPING JOINING MATERIALS

A. Pipe-Flange Gasket Materials:

1. AWWA C110/A21.10, rubber, flat face, 1/8 inch thick or ASME B16.21, nonmetallic and asbestos free unless otherwise indicated.
2. Full-face or ring type unless otherwise indicated.

B. Metal, Pipe-Flange Bolts and Nuts: ASME B18.2.1, carbon steel unless otherwise indicated.

C. Solder Filler Metals: ASTM B 32, lead-free alloys.

D. Flux: ASTM B 813, water flushable.

E. Brazing Filler Metals: AWS A5.8M/A5.8, BCuP Series, copper-phosphorus alloys for general-duty brazing unless otherwise indicated.

2.5 DIELECTRIC FITTINGS

A. General Requirements: Assembly of copper alloy and ferrous materials with separating nonconductive insulating material. Include end connections compatible with pipes to be joined.

B. Dielectric Unions:

1. Standard: ASSE 1079.
2. Pressure Rating: 125 psig minimum at 180 deg F.
3. End Connections: Solder-joint copper alloy and threaded ferrous.

C. Dielectric Flanges:

1. Standard: ASSE 1079.
2. Factory-fabricated, bolted, companion-flange assembly.
3. Pressure Rating: 125 psig minimum at 180 deg F.
4. End Connections: Solder-joint copper alloy and threaded ferrous; threaded solder-joint copper alloy and threaded ferrous.

D. Dielectric-Flange Insulating Kits:

1. Nonconducting materials for field assembly of companion flanges.
2. Pressure Rating: 150 psig.
3. Gasket: Neoprene or phenolic.
4. Bolt Sleeves: Phenolic or polyethylene.
5. Washers: Phenolic with steel backing washers.

E. Dielectric Nipples:

1. Standard: IAPMO PS 66.
2. Electroplated steel nipple complying with ASTM F 1545.
3. Pressure Rating and Temperature: 300 psig at 225 deg F.
4. End Connections: Male threaded or grooved.
5. Lining: Inert and noncorrosive, propylene.

2.6 VALVES

A. General-duty valves are specified in Division 22 Section "General-Duty Valves for Plumbing Piping."

B. Balancing and drain valves are specified in Division 22 Section "Domestic Water Piping Specialties."

PART 3 - EXECUTION

3.1 PIPING INSTALLATION

A. Basic piping installation requirements are specified in Division 22 Section "Common Work Results for Plumbing."

B. Install domestic water piping level with 0.25 percent slope downward toward drain and plumb.

C. Install thermometers on inlet and outlet piping from each water heater. Comply with requirements for thermometers in Section 22 0519 "Meters and Gages for Plumbing Piping."

3.2 JOINT CONSTRUCTION

A. Basic piping joint construction requirements are specified in Division 22 Section "Common Work Results for Plumbing."

B. Threaded Joints: Thread pipe with tapered pipe threads according to ASME B1.20.1. Cut threads full and clean using sharp dies. Ream threaded pipe ends to remove burrs and restore full ID. Join pipe fittings and valves as follows:

1. Apply appropriate tape or thread compound to external pipe threads.
2. Damaged Threads: Do not use pipe or pipe fittings with threads that are corroded or damaged.

C. Brazed Joints for Copper Tubing: Comply with CDA's "Copper Tube Handbook," "Brazed Joints" chapter.

D. Soldered Joints: Use ASTM B 813, water-flushable, lead-free flux; ASTM B 32, lead-free-alloy solder; and ASTM B 828 procedure, unless otherwise indicated.

E. Press Connections: Copper press fitting connections shall be made in accordance with the manufacturer's installation instructions. The tubing shall be fully inserted into the fitting and the tubing marked at the shoulder of the fitting. The fitting alignment shall be checked against the mark on the tubing to assure the tubing is fully engaged (inserted) in the fitting. The joints shall be pressed using the tool approved by the manufacturer.

F. Flanged Joints: Select appropriate asbestos-free, nonmetallic gasket material in size, type, and thickness suitable for domestic water service. Join flanges with gasket and bolts according to ASME B31.9.

3.3 DIELECTRIC FITTING INSTALLATION

A. Install dielectric fittings in piping at connections of dissimilar metal piping and tubing.

B. Dielectric Fittings for NPS 2 and Smaller: Use dielectric unions.

C. Dielectric Fittings for NPS 2 and Smaller: Use dielectric couplings or nipples or unions.

D. Dielectric Fittings for NPS 2-1/2 to NPS 4: Use dielectric flanges.

3.4 **WATER METER INSTALLATION**

A. **Rough-in domestic water piping for water meter connection according to utility company's requirements.**

B. Water meters will be furnished and installed by utility company.

3.5 HANGER AND SUPPORT INSTALLATION

A. Comply with requirements for pipe hanger, support products, and installation in Section 22 0529 "Hangers and Supports for Plumbing Piping and Equipment."

1. Vertical Piping: MSS Type 8 or Type 42, clamps.
2. Individual, Straight, Horizontal Piping Runs: According to the following:
   a. 100 Feet and Less: MSS Type 1, adjustable, steel clevis hangers.
   b. Longer Than 100 Feet: MSS Type 43, adjustable roller hangers.
3. Multiple, Straight, Horizontal Piping Runs 100 Feet or Longer: MSS Type 44, pipe rolls. Support pipe rolls on trapeze.
4. Base of Vertical Piping: MSS Type 52, spring hangers.

B. Install supports according to Division 22 Section "Hangers and Supports for Plumbing Piping and Equipment."

C. Support vertical piping and tubing at base and at each floor.

D. Rod diameter may be reduced 1 size for double-rod hangers, to a minimum of 3/8 inch.

E. Install hangers for copper tubing with the following maximum horizontal spacing and minimum rod diameters:

1. NPS 3/4 and Smaller: 60 inches with 3/8-inch rod.
2. NPS 1 and NPS 1-1/4: 72 inches with 3/8-inch rod.
3. NPS 1-1/2 and NPS 2: 96 inches with 3/8-inch rod.
4. NPS 2-1/2: 108 inches with 1/2-inch rod.
5. NPS 3 to NPS 4: 10 feet with 1/2-inch rod.

F. Install supports for vertical copper tubing every 10 feet.

3.6 CONNECTIONS

A. Drawings indicate general arrangement of piping, fittings, and specialties.

B. When installing piping adjacent to equipment and machines, allow space for service and maintenance.

3.7 IDENTIFICATION

A. Identify system components. Comply with requirements for identification materials and installation in Section 22 0553 "Identification for Plumbing Piping and Equipment."

3.8 FIELD QUALITY CONTROL

A. Perform the following tests and inspections:

1. Inspect domestic water piping as follows:
   a. Do not enclose, cover, or put piping into operation until it has been inspected and approved by authorities having jurisdiction.
   b. During installation, notify authorities having jurisdiction at least 24 hours before inspection must be made. Perform tests specified below in presence of authorities having jurisdiction:
      1) Roughing-in Inspection: Arrange for inspection of piping before concealing or closing-in after roughing-in and before setting fixtures.
      2) Final Inspection: Arrange final inspection for authorities having jurisdiction to observe tests specified below and to ensure compliance with requirements.
   c. Reinspection: If authorities having jurisdiction find that piping will not pass test or inspection, make required corrections and arrange for reinspection.
   d. Reports: Prepare inspection reports and have them signed by authorities having jurisdiction.

2. Test domestic water piping as follows:
   a. Fill domestic water piping. Check components to determine that they are not air bound and that piping is full of water.
   b. Test for leaks and defects in new piping and parts of existing piping that have been altered, extended, or repaired. If testing is performed in segments, submit separate report for each test, complete with diagram of portion of piping tested.
   c. Leave new, altered, extended, or replaced domestic water piping uncovered and unconcealed until it has been tested and approved. Expose work that was covered or concealed before it was tested.
   d. Cap and subject piping to static water pressure of 50 psig above operating pressure, without exceeding pressure rating of piping system materials. Isolate test source and allow to stand for four hours. Leaks and loss in test pressure constitute defects that must be repaired.

B. Repair leaks and defects with new materials and retest piping or portion thereof until satisfactory results are obtained.

C. Prepare reports for tests and required corrective action.

3.9 ADJUSTING

A. Perform the following adjustments before operation:

1. Close drain valves, hydrants, and hose bibbs.
2. Open shutoff valves to fully open position.
3. Open throttling valves to proper setting.
4. Adjust balancing valves in hot-water-circulation return piping to provide adequate flow.
   a. Manually adjust ball-type balancing valves in hot-water-circulation return piping to provide hot-water flow in each branch.
   b. Adjust calibrated balancing valves to flows indicated.
5. Remove plugs used during testing of piping and plugs used for temporary sealing of piping during installation.
6. Remove and clean strainer screens. Close drain valves and replace drain plugs.
7. Check plumbing specialties and verify proper settings, adjustments, and operation.

3.10 CLEANING

A. Clean and disinfect potable domestic water piping as follows:

1. Purge new piping and parts of existing domestic water piping that have been altered, extended, or repaired before using.
2. Use purging and disinfecting procedures prescribed by authorities having jurisdiction or, if methods are not prescribed, procedures described in either AWWA C651 or AWWA C652 or as described below:
   a. Flush piping system with clean, potable water until dirty water does not appear at outlets.
   b. Fill and isolate system according to either of the following:
      1) Fill system or part thereof with water/chlorine solution with at least 50 ppm of chlorine. Isolate with valves and allow to stand for 24 hours.
      2) Fill system or part thereof with water/chlorine solution with at least 200 ppm of chlorine. Isolate and allow to stand for three hours.
   c. Flush system with clean, potable water until no chlorine is in water coming from system after the standing time.
   d. Submit water samples in sterile bottles to authorities having jurisdiction. Repeat procedures if biological examination shows contamination.

B. Prepare and submit reports of purging and disinfecting activities.

3.11 PIPE AND FITTING APPLICATIONS

A. Transition and special fittings with pressure ratings at least equal to piping rating may be used in applications below, unless otherwise indicated.

B. Aboveground Domestic Water Piping: Use any of the following piping materials for each size range:

1. NPS 1 and Smaller: Hard copper tube, Type L; copper pressure fittings; and soldered joints.
2. NPS 1-1/4 and NPS 1-1/2: Hard copper tube, Type L; copper pressure fittings; and soldered joints.
3. NPS 2: Hard copper tube, Type L; copper pressure fittings; and soldered joints.

4. NPS 2-1/2 : Hard copper tube, Type L; copper pressure fittings; and soldered joints.
5. NPS 3: Hard copper tube, Type L; copper pressure fittings; and soldered joints.
6. NPS 4: Hard copper tube, Type L; copper pressure fittings; and soldered joints.

C. At Installer's option for aboveground domestic water piping, install Type L, drawn copper tube with mechanical joint copper press fittings for pipe sizes 4 inches and smaller.

1. Valves with bodies meeting requirements of Section "General Duty valves for Plumbing Piping" may be used in mechanical joint copper press systems

3.12 VALVE SCHEDULE

A. Drawings indicate valve types to be used. Where specific valve types are not indicated, the following requirements apply:

1. Shutoff Duty: Use bronze ball valves for piping NPS 2 and smaller. Use cast-iron butterfly valves with flanged ends for piping NPS 2-1/2 and larger.
2. Throttling Duty: Use bronze ball valves for piping NPS 2 and smaller. Use cast-iron butterfly valves with flanged ends for piping NPS 2-1/2 and larger.
3. Hot-Water-Piping, Balancing Duty: Calibrated balancing valves.
4. Drain Duty: Hose-end drain valves.

B. Install shutoff valve close to water main on each branch and riser serving plumbing fixtures or equipment, on each water supply to equipment, on each water supply to plumbing fixtures that do not have supply stops and on each water supply to plumbing fixtures that do have supply stops but where take off from main or branch is not in the same room.

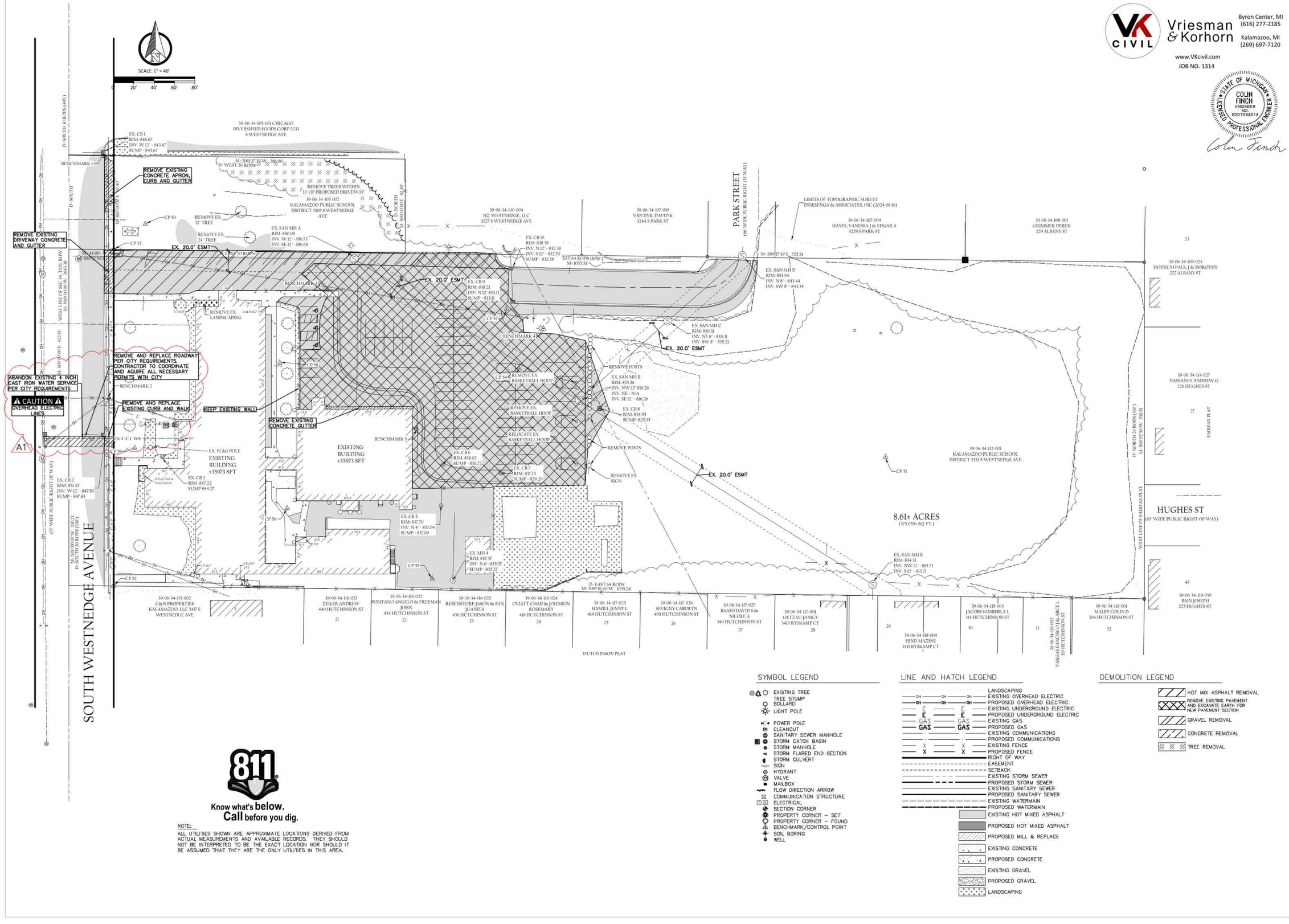
C. Use check valves to maintain correct direction of domestic water flow to and from equipment.

D. Install drain valves for equipment at base of each water riser, at low points in horizontal piping, and where required to drain water piping.

1. Install hose-end drain valves at low points in water mains, risers, and branches.

E. Install calibrated balancing valves in each hot-water circulation return branch and discharge side of each pump and circulator. Set calibrated balancing valves partly open to restrict but not stop flow. Calibrated balancing valves are specified in Division 22 Section "Domestic Water Piping Specialties."

END OF SECTION 22 1116



Know what's **below.**
Call before you dig.

NOTE:

ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM ACTUAL MEASUREMENTS AND AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETED TO BE THE EXACT LOCATION NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THIS AREA.

SYMBOL LEGEND

- EXISTING TREE
- TREE STUMP
- BOLLARD
- LIGHT POLE
- POWER POLE
- CLEANOUT
- SANITARY SEWER MANHOLE
- STORM CATCH BASIN
- STORM MANHOLE
- STORM FLARED END SECTION
- STORM CULVERT
- SIGN
- HYDRANT
- VALVE
- MAILBOX
- FLOW DIRECTION ARROW
- COMMUNICATION STRUCTURE
- ELECTRICAL
- SECTION CORNER
- PROPERTY CORNER – SET
- PROPERTY CORNER – FOUND
- BENCHMARK/CONTROL POINT
- SOIL BORING
- WELL

LINE AND HATCH LEGEND

- LANDSCAPING
- OH — EXISTING OVERHEAD ELECTRIC
- OH — PROPOSED OVERHEAD ELECTRIC
- E — EXISTING UNDERGROUND ELECTRIC
- E — PROPOSED UNDERGROUND ELECTRIC
- GAS — EXISTING GAS
- GAS — PROPOSED GAS
- EXISTING COMMUNICATIONS
- PROPOSED COMMUNICATIONS
- X — EXISTING FENCE
- X — PROPOSED FENCE
- RIGHT OF WAY
- EASEMENT
- SETBACK
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- EXISTING HOT MIXED ASPHALT
- PROPOSED HOT MIXED ASPHALT
- PROPOSED MILL & REPLACE
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXISTING GRAVEL
- PROPOSED GRAVEL
- LANDSCAPING

DEMOLITION LEGEND

- ▨ HOT MIX ASPHALT REMOVAL
- ▩ REMOVE EXISTING PAVEMENT AND EXCAVATE EARTH FOR NEW PAVEMENT SECTION
- ▨ GRAVEL REMOVAL
- ▨ CONCRETE REMOVAL
- ▨ TREE REMOVAL

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TowerPinkster
Architecture · Engineering · Interiors

ISSUED FOR	DATE
ADDENDUM No. 1	SEPTEMBER 20, 2024

PROJECT TITLE
SOUTH WESTNEDGE SCHOOL REMODELING AND SITE IMPROVEMENTS

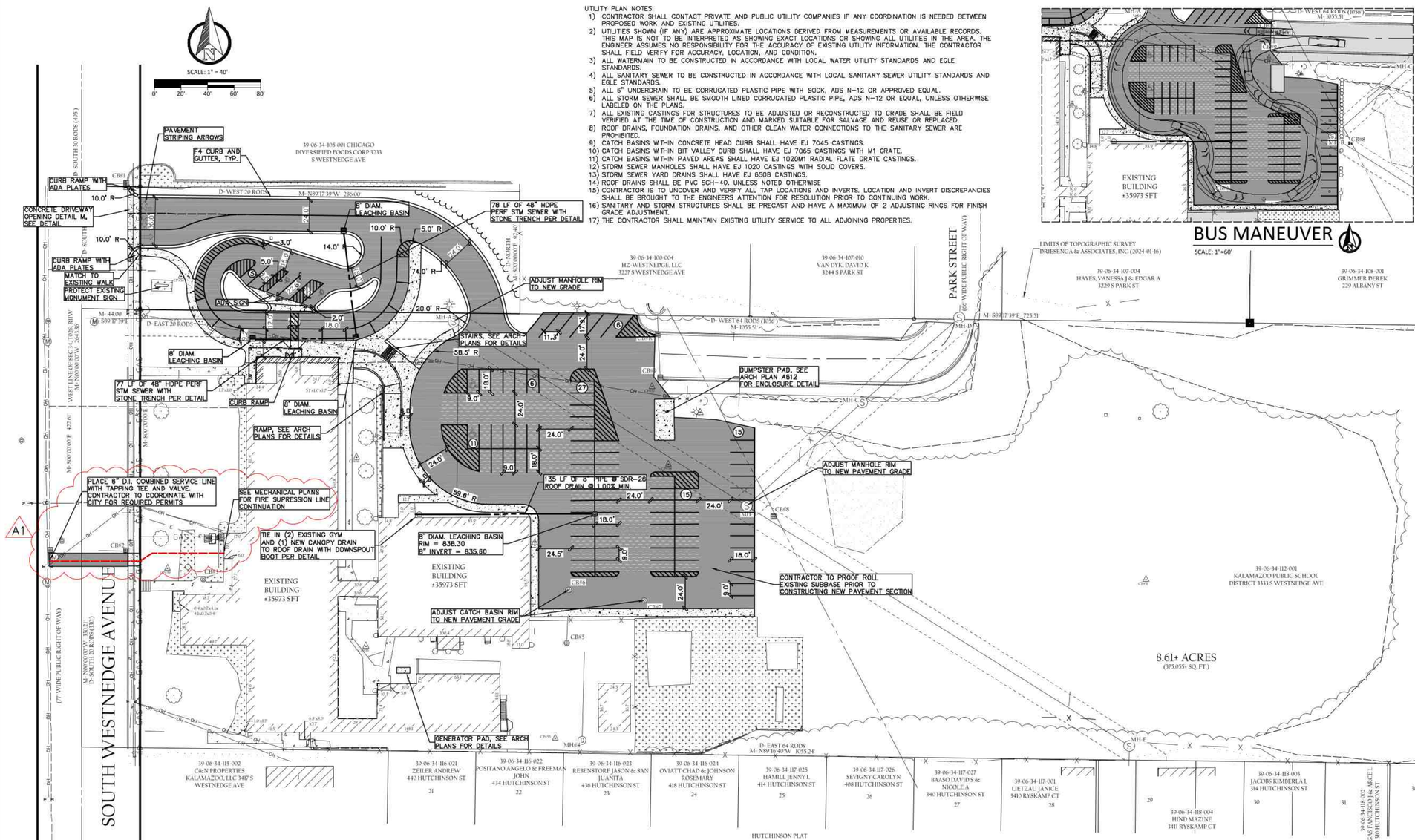
OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

SHEET TITLE
EXISTING TOPO / DEMOLITION PLAN

DATE
September 6, 2024

SHEET NUMBER
C100
023606.000

UTILITY PLAN NOTES:
1) CONTRACTOR SHALL CONTACT PRIVATE AND PUBLIC UTILITY COMPANIES IF ANY COORDINATION IS NEEDED BETWEEN PROPOSED WORK AND EXISTING UTILITES.
2) UTILITIES SHOWN (IF ANY) ARE APPROXIMATE LOCATIONS DERIVED FROM MEASUREMENTS OR AVAILABLE RECORDS. THIS MAP IS NOT TO BE INTERPRETED AS SHOWING EXACT LOCATIONS OR SHOWING ALL UTILITIES IN THE AREA. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITY INFORMATION. THE CONTRACTOR SHALL FIELD VERIFY FOR ACCURACY, LOCATION, AND CONDITION.
3) ALL WATERMAIN TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL WATER UTILITY STANDARDS AND EGLE STANDARDS.
4) ALL SANITARY SEWER TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL SANITARY SEWER UTILITY STANDARDS AND EGLE STANDARDS.
5) ALL 6" UNDERDRAIN TO BE CORRUGATED PLASTIC PIPE WITH SOCK, ADS N-12 OR APPROVED EQUAL.
6) ALL STORM SEWER SHALL BE SMOOTH LINED CORRUGATED PLASTIC PIPE, ADS N-12 OR EQUAL, UNLESS OTHERWISE LABELED ON THE PLANS.
7) ALL EXISTING CASTINGS FOR STRUCTURES TO BE ADJUSTED OR RECONSTRUCTED TO GRADE SHALL BE FIELD VERIFIED AT THE TIME OF CONSTRUCTION AND MARKED SUITABLE FOR SALVAGE AND REUSE OR REPLACED.
8) ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
9) CATCH BASINS WITHIN CONCRETE HEAD CURB SHALL HAVE EJ 7045 CASTINGS.
10) CATCH BASINS WITHIN BIT VALLEY CURB SHALL HAVE EJ 7065 CASTINGS WITH M1 GRATE.
11) CATCH BASINS WITHIN PAVED AREAS SHALL HAVE EJ 1020M1 RADIAL FLATE GRATE CASTINGS.
12) STORM SEWER MANHOLES SHALL HAVE EJ 1020 CASTINGS WITH SOLID COVERS.
13) STORM SEWER YARD DRAINS SHALL HAVE EJ 8508 CASTINGS.
14) ROOF DRAINS SHALL BE PVC SCH-40. UNLESS NOTED OTHERWISE
15) CONTRACTOR IS TO UNCOVER AND VERIFY ALL TAP LOCATIONS AND INVERTS. LOCATION AND INVERT DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION FOR RESOLUTION PRIOR TO CONTINUING WORK.
16) SANITARY AND STORM STRUCTURES SHALL BE PRECAST AND HAVE A MAXIMUM OF 2 ADJUSTING RINGS FOR FINISH GRADE ADJUSTMENT.
17) THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITY SERVICE TO ALL ADJOINING PROPERTIES.



SITE LAYOUT NOTES:
1) ALL WORK SHALL BE DONE TO ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS.
2) ALL WORK WITHIN ROW SHALL BE DONE IN ACCORDANCE WITH LOCAL ROADWAY JURISDICTION REQUIREMENTS.
3) CONTRACTOR SHALL RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE, AND OTHER INFRASTRUCTURE DISTURBED OR DAMAGED DUE TO CONSTRUCTION ACTIVITIES TO MATCH EXISTING CONDITIONS.
4) ALL DEBRIS SHALL BE REMOVED FROM THE SITE, AND NO STOCKPILING ON SITE SHALL BE ALLOWED UNLESS APPROVED BY OWNER.
5) THE CONTRACTOR SHALL LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE REQUIRED OR AS SHOWN. ALL PAVEMENTS TO BE REMOVED SHALL BE SAWCUT AND REMOVED TO FULL DEPTH AT ALL PAVEMENT LIMITS OR EXISTING JOINTS. IF ANY DAMAGE IS INCURRED TO ANY OF THE SURROUNDING PAVEMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR AT NO ADDITIONAL COST.
6) CONTRACTOR SHALL CONTACT MISS DIG THREE WORKING DAYS BEFORE YOU DIG. CALL MISS DIG AT 1-800-482-7171 OR 811.
7) ALL WORK SHALL BE DONE TO THE MICHIGAN HANDICAPPED ACCESSIBILITY CODE AND THE AMERICANS WITH DISABILITIES ACT.
8) ADA PARKING SPACES SHALL BE MARKED WITH APPROVED PAVEMENT SYMBOL. MARK ADA SPACES WITH 4" BLUE PAINT AND SIGNS PER MMUTCD.
9) CONTRACTOR SHALL ENSURE ALL ADA RAMPS AND ACCESS MEET CURRENT ADA STANDARDS. IF IT IS DISCOVERED THAT ANY ITEMS WILL NOT MEET ADA STANDARDS IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION.
10) ALL SIGNAGE SHALL BE PER MDOT AND MMUTCD STANDARDS.
11) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, PERMIT COSTS, DEMOLITION PERMITS, TAP FEES, ASSESSMENTS, UTILITY PERMITS, ROW PERMITS, BONDS, INSURANCE, OR OTHER FEES ASSOCIATED WITH CONSTRUCTION.
12) SITE CONCRETE TO HAVE A COMPRESSIVE STRENGTH OF A MINIMUM 4000 PSI AND SHALL HAVE LIMESTONE AGGREGATE AND SHALL HAVE A 5.5%-8% AIR ENTRAINMENT WITH A BROOM FINISH.
13) INSTALL EXPANSION JOINTS AT ALL LOCATIONS WHERE CONCRETE ABUTS HMA PAVEMENT.
14) CONTRACTOR SHALL REVIEW THE GEOTECHNICAL AND ENVIRONMENTAL REPORTS FOR THE SITE AND INCORPORATE INTO THEIR CONSTRUCTION MEANS AND METHODS.
15) THESE PLANS HAVE BEEN DEVELOPED FOR ELECTRONIC FIELD SURVEY LAYOUT. DIMENSIONS SHOWN ARE FOR GRAPHIC PRESENTATION ONLY AND SHOULD NOT BE USED FOR LAYOUT. CONTACT THE ENGINEER IF ANY DISCREPANCIES BETWEEN THE PLAN AND ELECTRONIC DATA ARE DISCOVERED.
16) THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY LIGHTS, BARRICADES, FLAGMEN, ETC. AS REQUIRED TO PERFORM THE WORK. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.
17) THE CONTRACTOR SHALL PROTECT LOCATION OF ALL PROPERTY MARKERS AND BENCHMARKS.
18) THE CONTRACTOR IS RESPONSIBLE FOR ALL SIGNS, BARRICADES, AND SAFETY FENCES TO DETER PEOPLE FROM ENTERING THE WORK AREA AND FOR MAINTAINING AND PROTECTING THE FLOW OF VEHICULAR AND PEDESTRIAN TRAFFIC AROUND THE JOB SITE. TRAFFIC CONTROLS SHALL BE COORDINATED WITH THE LOCAL POLICE DEPARTMENT AND MUNICIPALITY.
19) PRIOR TO CONSTRUCTION OR GRADING A PROTECTIVE BARRIER, FENCE, POST, AND SIGNS CLEARLY INDICATING LIMITS OF DISTURBANCE SHALL BE INSTALLED INDICATING NO TREE REMOVAL OR DISTURBANCES OUTSIDE LIMITS.
20) NO PARKING OF CONTRACTOR OR SUBCONTRACTORS SHALL BE ALLOWED ON PUBLIC STREETS WITHOUT PRIOR APPROVAL.
21) NO BUILDING MATERIAL, EQUIPMENT, VEHICLES, OR CHEMICALS SHALL BE STORED OR PLACED OUTSIDE OF THE LIMITS OF DISTURBANCE.
22) CONSTRUCTION NOISE SHALL BE KEPT TO A MINIMUM DURING NIGHTTIME HOURS AND MUST COMPLY WITH LOCAL MUNICIPAL ORDINANCES.
23) ALL VERTICAL FACE OF CURBS SHALL BE PAINTED YELLOW WHEN BETWEEN 0 AND 6 INCHES TALL.

PROJECT SITE INFORMATION:
1) FLOODPLAIN - THIS PROJECT NOT IN THE 100 YEAR FLOOD PLAIN, BASED ON THE FEMA NATIONAL FLOOD MAPS.
2) ADJACENT ZONING - NORTH = C NODE, RM15, EAST = RM15, SOUTH = CC2, RM 15, WEST = CC2
3) LOT COVERAGE = 36% IMPERVIOUS (3.06 ACRES)
4) PARKING CALCULATION
   - EXISTING 101 (3 ADA SPACES)
   - PROPOSED 87 (5 ADA SPACES)
5) LAND USE - EDUCATIONAL
6) SOILS ARE PREDOMINANTLY SANDY - REFER TO THE GEOTECH REPORT FOR THE PROJECT
7) GROSS SITE AREA = 8.61 ACRES

SYMBOL LEGEND
- EXISTING TREE
- TREE STUMP
- BOLLARD
- LIGHT POLE
- POWER POLE
- CLEANOUT
- SANITARY SEWER MANHOLE
- STORM CATCH BASIN
- STORM MANHOLE
- STORM FLARED END SECTION
- STORM CULVERT
- SIGN
- HYDRANT
- VALVE
- MAILBOX
- FLOW DIRECTION ARROW
- COMMUNICATION STRUCTURE
- ELECTRICAL
- SECTION CORNER
- PROPERTY CORNER - SET
- PROPERTY CORNER - FOUND
- BENCHMARK/CONTROL POINT
- SOIL BORING
- WELL

LINE AND HATCH LEGEND
- LANDSCAPING
- EXISTING OVERHEAD ELECTRIC
- PROPOSED OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- PROPOSED UNDERGROUND ELECTRIC
- EXISTING GAS
- PROPOSED GAS
- EXISTING COMMUNICATIONS
- PROPOSED COMMUNICATIONS
- EXISTING FENCE
- PROPOSED FENCE
- RIGHT OF WAY
- EASEMENT
- SETBACK
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- EXISTING HOT MIXED ASPHALT
- PROPOSED HEAVY DUTY HOT MIXED ASPHALT
- PROPOSED PARKING LOT HOT MIXED ASPHALT
- PROPOSED MILL & REPLACE
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXISTING GRAVEL
- EXISTING LANDSCAPING

Know what's below. Call before you dig.

NOTE:
ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM ACTUAL MEASUREMENTS AND AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETED TO BE THE EXACT LOCATION NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THIS AREA.

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ADDENDUM No. 1 SEPTEMBER 20, 2024
ISSUED FOR DATE

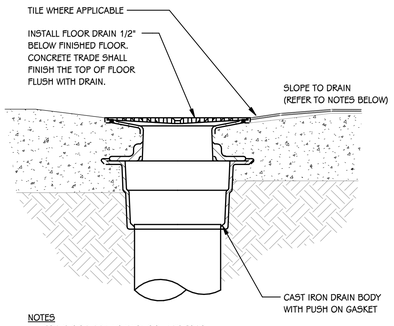
PROJECT TITLE
SOUTH WESTNEDGE SCHOOL REMODELING AND SITE IMPROVEMENTS

OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

SHEET TITLE
SITE & UTILITY PLAN

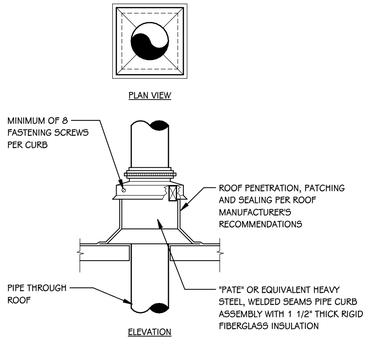
DATE
September 6, 2024

SHEET NUMBER
C200
023606.000

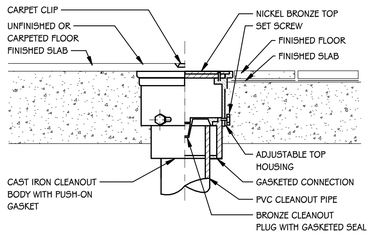


NOTES
1. FOR FLOOR DRAINS WITH SQUARE TOPS.
   A. WHERE TILE HAS A DIMENSION LARGER THAN 2", MOUNT THE FLOOR DRAIN FLUSH WITH THE FINISHED FLOOR. DO NOT SLOPE THE FLOOR TO THE DRAIN.
   B. ALIGN FLOOR DRAIN TOPS WITH TILE FLOORS.
2. WHERE EDGE OF FLOOR DRAIN IS WITHIN 24" OF WALL, ADJUST SLOPE TO SUIT INSTALLATION.

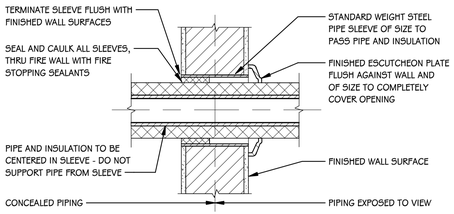
FINISH FLOOR DRAIN DETAIL
SCALE: NONE



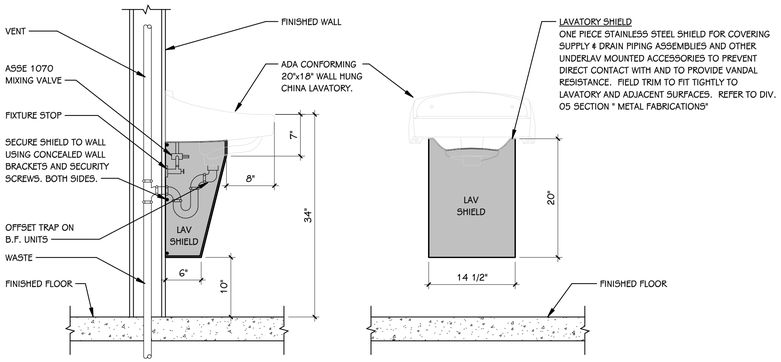
PIPE CURB DETAIL - SINGLE
SCALE: NONE



FLOOR CLEANOUT DETAIL
SCALE: NONE

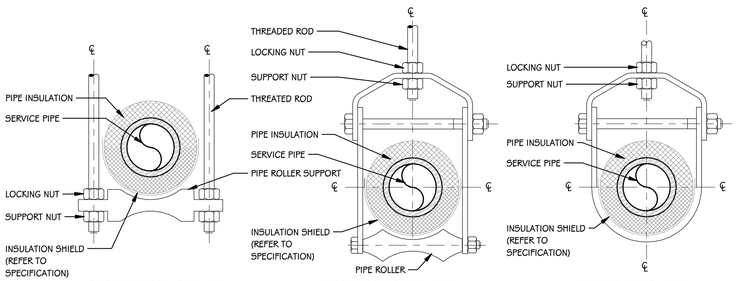


PIPING SLEEVE DETAIL - INTERIOR WALL
SCALE: NONE



SIDE VIEW FRONT VIEW

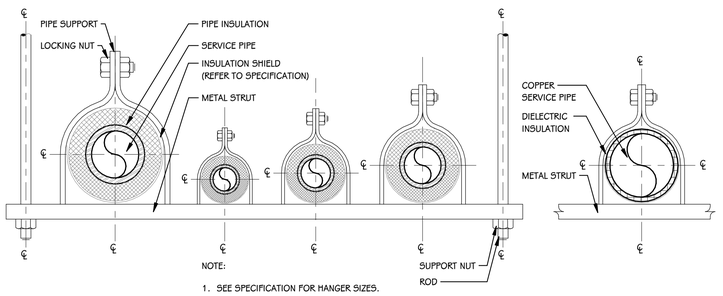
TYPICAL STAINLESS STEEL LAVATORY SHIELD DETAIL
SCALE: NONE



ADJUSTABLE PIPE ROLLER HANGER ADJUSTABLE PIPE ROLLER HANGER HEAVY DUTY CLEVIS HANGER

NOTE:
1. SEE SPECIFICATION FOR HANGER SIZES (TYP.)

PIPE HANGER SUPPORT DETAIL A
SCALE: NONE

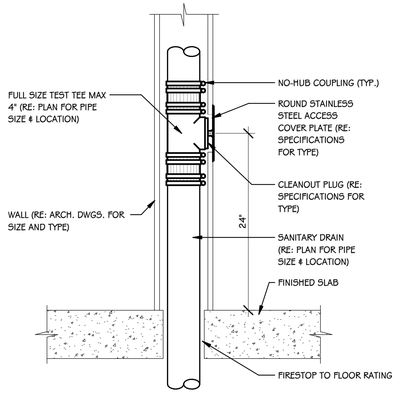


NOTE:
1. SEE SPECIFICATION FOR HANGER SIZES.

PIPE HANGER SUPPORT DETAIL B
SCALE: NONE

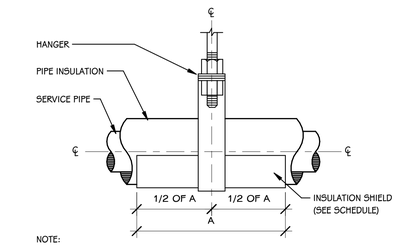
NOTE:
USE DIELECTRIC UNIONS WHERE DISSIMILAR METAL PIPING MATERIALS ARE CONNECTED.

GAS SERVICE PIPING DETAIL
SCALE: NONE



WALL CLEANOUT DETAIL
SCALE: NONE

INSULATION SHIELD SCHEDULE			
PIPE SIZE	DIMENSION "A"	GAUGE OF SHIELD	SHIELD THICKNESS
1/2" TO 4"	12"	18	0.0480
5" TO 6"	18"	16	0.0600
ABOVE 6"	24"	14	0.0750



NOTE:
1. SEE SPECIFICATION FOR FLANGER SIZES

PIPE HANGER / SHIELD DETAIL
SCALE: NONE

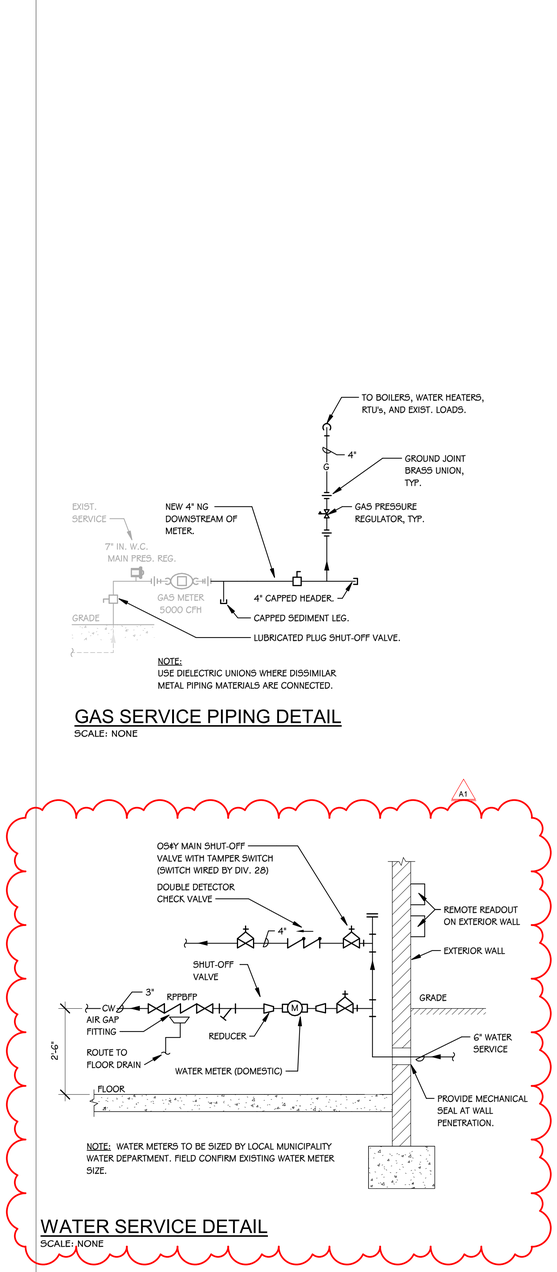
TYPICAL LAVATORY DETAIL
SCALE: NONE

BRANCH CONNECTION OFF TOP
APPLIES TO THE FOLLOWING SYSTEMS:
DOMESTIC WATER
NATURAL GAS

BRANCH CONNECTION OFF BOTTOM
APPLIES TO THE FOLLOWING SYSTEMS:
HEATING HOT WATER

NOTE: BOTTOM AS INDICATED OR SIDE CONNECTION IS ACCEPTABLE. CONNECTION TO THE TOP OF THE MAINS IS NOT ACCEPTABLE.

BRANCH TAKE-OFF PIPING DETAIL
SCALE: NONE



NOTE: WATER METERS TO BE SIZED BY LOCAL MUNICIPALITY WATER DEPARTMENT. FIELD CONFIRM EXISTING WATER METER SIZE.

WATER SERVICE DETAIL
SCALE: NONE

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ADDENDUM #1	09-20-2024
ISSUED FOR	DATE

PROJECT TITLE
SOUTH WESTNEDGE SCHOOL REMODELING AND SITE IMPROVEMENTS

OWNER
KALAMAZOO PUBLIC SCHOOLS

Kalamazoo, Michigan

SHEET TITLE
PLUMBING SCHEDULES AND DETAILS

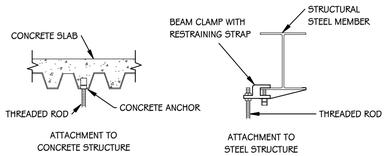
DATE
SEPTEMBER 6, 2024

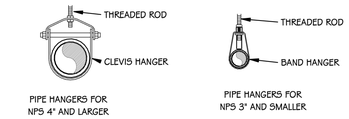
SHEET NUMBER
P 501
23-606.00

FIRE PROTECTION LEGEND	
SYMBOL	DESCRIPTION
⊘	STANDARD PENDENT SPRINKLER
◉	CHROME RECESSED PENDENT SPRINKLER
●	CONCEALED PENDENT SPRINKLER
◑	DRY PENDENT SPRINKLER
○	STANDARD BRASS UPRIGHT SPRINKLER
◁	HORIZONTAL SIDEWALL SPRINKLER
◀	EXTENDED COVERAGE HORIZONTAL SIDEWALL SPRINKLER
◀	DRY HORIZONTAL SIDEWALL SPRINKLER

NOTE:
THE FIRE PROTECTION CONTRACTOR SHALL USE THE SYMBOLS IN THIS LEGEND TO INDICATE THE TYPE OF LOCATION OF SPRINKLERS ON SHOP DRAWINGS. NOT ALL SPRINKLERS SHOWN ON THIS LEGEND ARE NECESSARILY FOUND ON THE DESIGN DRAWINGS.

FIRE PROTECTION LEGEND
SCALE: NONE



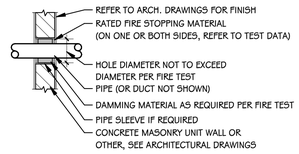


NFPA 13 MINIMUM REQUIRED HANGER ROD SIZES	
PIPE SIZE	DIAMETER OF ROD
UP TO AND INCLUDING 4"	3/8"
5", 6", 8"	1/2"
10", 12"	5/8"

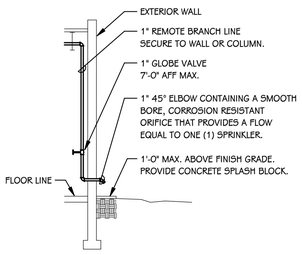
SURGE RESTRAINT
PROVIDE SURGE RESTRAIN AT HANGER VIA RESTRAINT CLIP OR THREADED ROD EXTENSION TO PIPE SURFACE AS REQUIRED BY NFPA 13.

1. END OF BRANCH PIPING WHERE MAXIMUM SYSTEM PRESSURE EXCEEDS 100 PSI.
2. RETURN BEND OFFSETS GREATER THAN 12" WHERE MAXIMUM SYSTEM PRESSURE EXCEEDS 100 PSI.
3. RETURN BEND OFFSETS GREATER THAN 24".

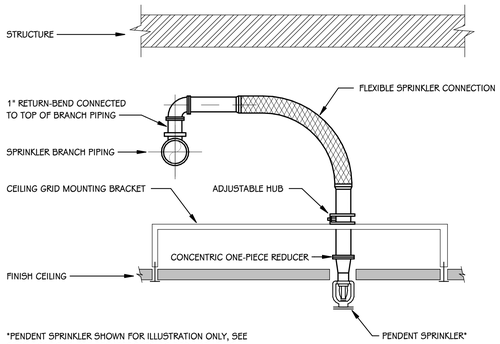
PIPING SUPPORTS
SCALE: NONE



MECHANICAL FIRE STOPPING - WALL PENETRATIONS
SCALE: NONE



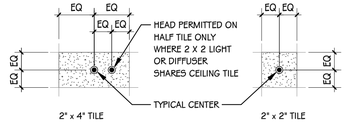
INSPECTOR'S TEST CONNECTION DETAIL
SCALE: NONE



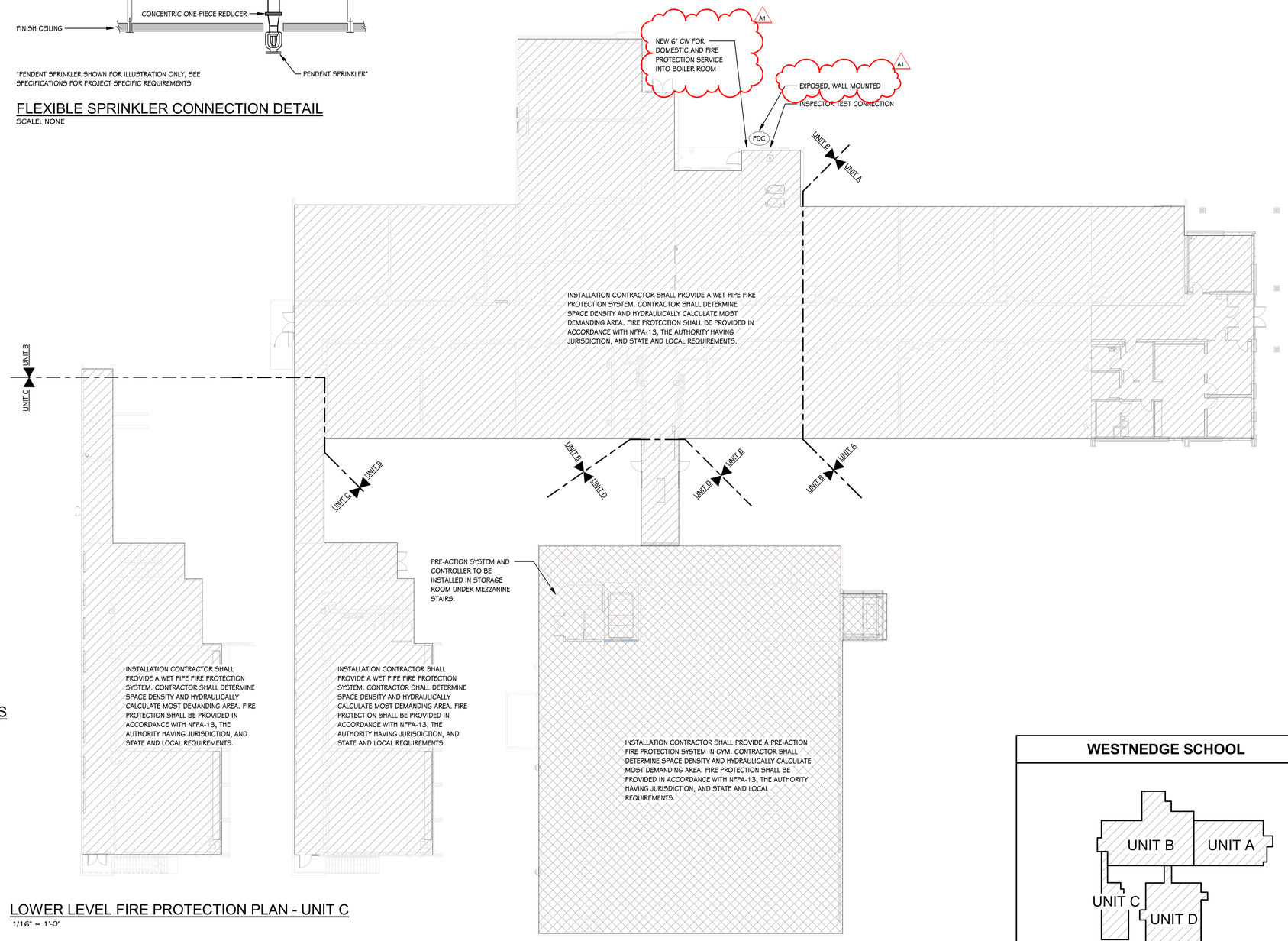
*PENDENT SPRINKLER SHOWN FOR ILLUSTRATION ONLY, SEE SPECIFICATIONS FOR PROJECT SPECIFIC REQUIREMENTS

FLEXIBLE SPRINKLER CONNECTION DETAIL
SCALE: NONE

NOTE:
ON CEILING TILES THAT ARE LESS THAN FULL, HEAD SHALL BE CENTERED IN ALL DIRECTIONS.



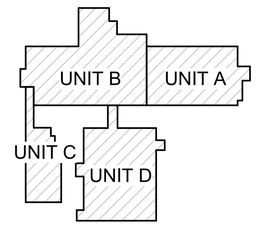
CEILING TILE DETAIL
SCALE: NONE



LOWER LEVEL FIRE PROTECTION PLAN - UNIT C
1/16" = 1'-0"

OVERALL FIRE PROTECTION PLAN
1/16" = 1'-0"

WESTNEDGE SCHOOL



KEY PLAN
SCALE: NO SCALE

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ADDENDUM #1	09-20-2024
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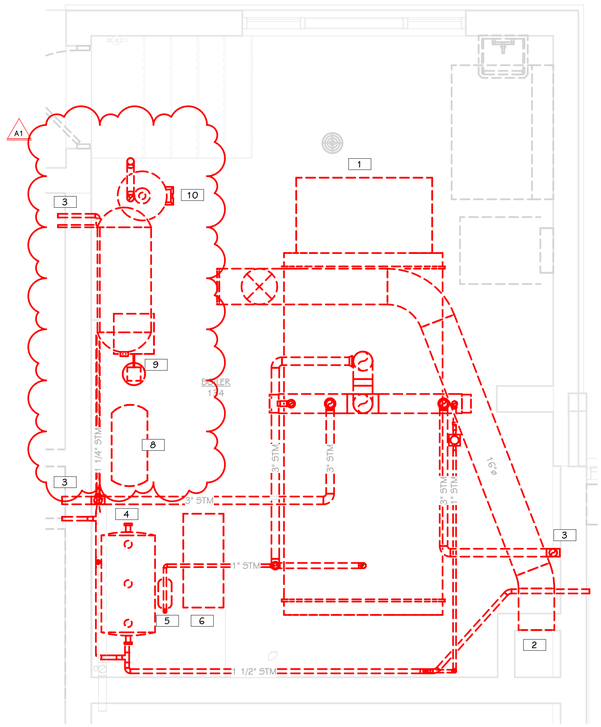
PROJECT TITLE
SOUTH WESTNEDGE SCHOOL REMODELING AND SITE IMPROVEMENTS

OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

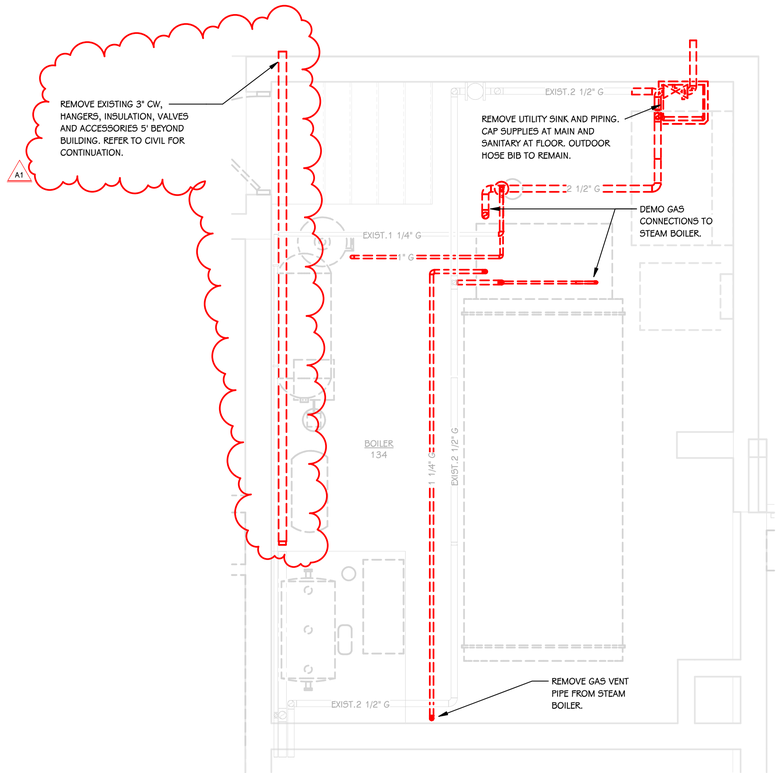
SHEET TITLE
OVERALL FIRE PROTECTION PLAN

DATE
SEPTEMBER 6, 2024

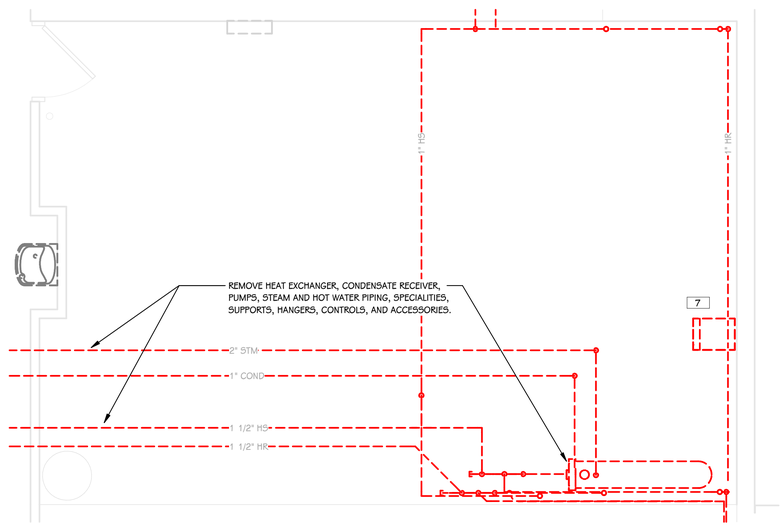
SHEET NUMBER
FP 101
23-606.00



1 MD 301 BOILER ROOM 134 MECHANICAL DEMOLITION PLAN - UNIT B
3/8" = 1'-0"



2 MD 301 BOILER ROOM 134 PLUMBING DEMOLITION PLAN - UNIT B
3/8" = 1'-0"



3 MD 301 CUSTODIAL DEMOLITION PLAN - UNIT C - STEAM AND HOT WATER
3/8" = 1'-0"

KEYED NOTES - MECHANICAL - ENLARGED - DEMOLITION

1 REMOVE STEAM BOILER IN ITS ENTIRETY AND ALL ASSOCIATED STEAM AND CONDENSATE PIPES, EXHAUST DUCT, AND ACCESSORIES.

2 REMOVE EXHAUST DUCT FROM EXISTING CHASE.

3 CUT AND CAP STEAM AND CONDENSATE PIPES. PIPES TO BE ABANDONED IN THE TUNNELS.

4 REMOVE CONDENSATE RECEIVER AND ALL ASSOCIATED PIPES AND ACCESSORIES.

5 REMOVE CONDENSATE PUMP AND ALL ASSOCIATED PIPES AND ACCESSORIES.

6 REMOVE CONDENSATE RECEIVER OVERFLOW AND ALL ASSOCIATED PIPES AND ACCESSORIES.

7 REMOVE EXHAUST FAN, DUCT, INSULATION, CONTROLS, AND ACCESSORIES.

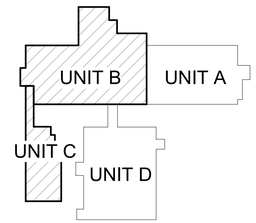
A1 8 REMOVE AIR COMPRESSOR AND ALL EXPOSED PNEUMATIC TUBING.

9 SALVAGE WATER SOFTENER AND REINSTALL IN NEW LOCATION INDICATED ON SHEET M 301.

10 SALVAGE WATER HEATER AND REINSTALL IN NEW LOCATION INDICATED ON SHEET M 301.

THIS DRAWING SHEET IS INTENDED TO BE PLOTTED IN COLOR. IF THIS TEXT APPEARS IN BLACK AND WHITE, IT IS PLOTTED INCORRECTLY. DISCARD AND OBTAIN AN ACCURATE DRAWING

WESTNEDGE SCHOOL



KEY PLAN
SCALE: NO SCALE

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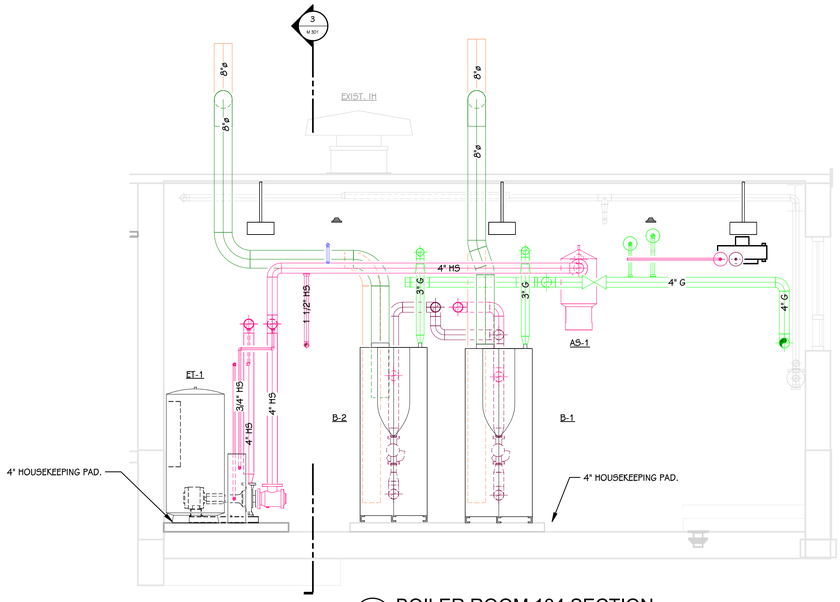
PROJECT TITLE
SOUTH WESTNEDGE SCHOOL REMODELING AND SITE IMPROVEMENTS

OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

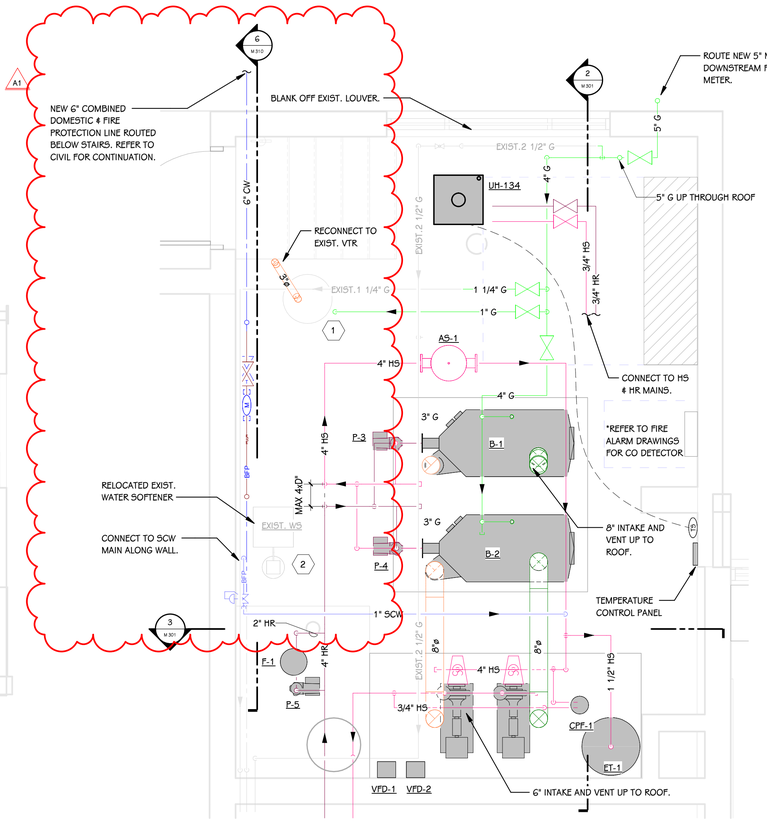
SHEET TITLE
ENLARGED DEMOLITION PLANS

DATE
SEPTEMBER 6, 2024

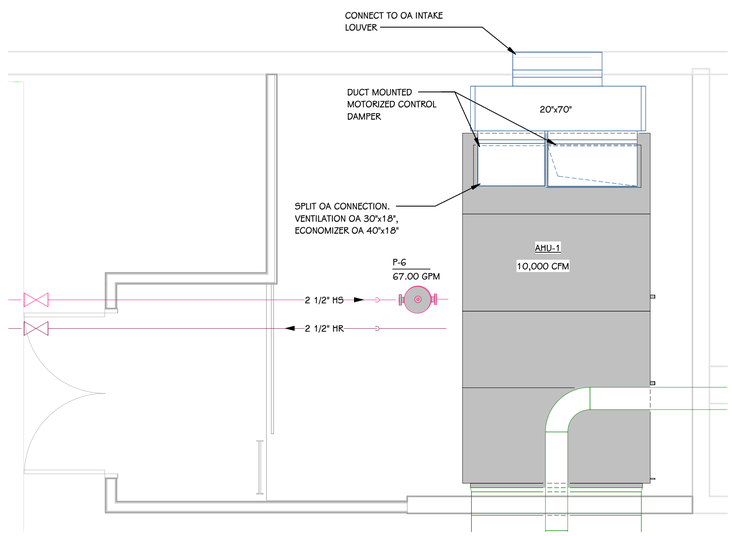
SHEET NUMBER
MD 301
23-606.00



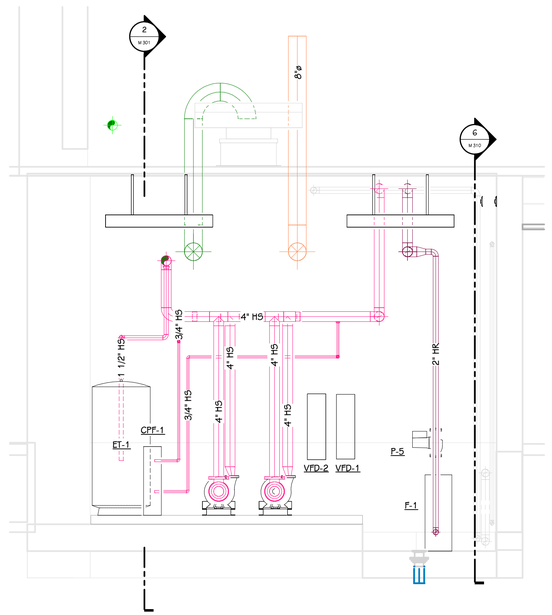
2 M 301 BOILER ROOM 134 SECTION
3/8" = 1'-0"



1 M 301 BOILER ROOM 134 - ENLARGED PIPING PLAN
3/8" = 1'-0"



4 M 301 AHU-1 MEZZANINE ENLARGED PLAN
3/8" = 1'-0"



3 M 301 BOILER ROOM 134 PUMP SECTION
3/8" = 1'-0"

KEYED NOTES - MECHANICAL - ENLARGED

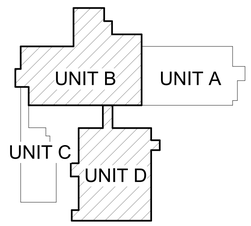
A1

1 RELOCATE EXIST. WATER HEATER AS NEEDED FOR NEW 6" CW. RECONNECT HW/CW PIPING AND VENT.

2 RELOCATE EXIST. WATER SOFTENER AS NEEDED FOR NEW 6" CW. CONNECT TO 3" DOMESTIC CW LINE AND PIPE BACK INTO EXISTING SOFT WATER MAIN.

THIS DRAWING SHEET IS INTENDED TO BE PLOTTED IN COLOR. IF THIS TEXT APPEARS IN BLACK AND WHITE, IT IS PLOTTED INCORRECTLY. DISCARD AND OBTAIN AN ACCURATE DRAWING

WESTNEDGE SCHOOL



N

KEY PLAN
SCALE: NO SCALE

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PROJECT TITLE
SOUTH WESTNEDGE SCHOOL REMODELING AND SITE IMPROVEMENTS

OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

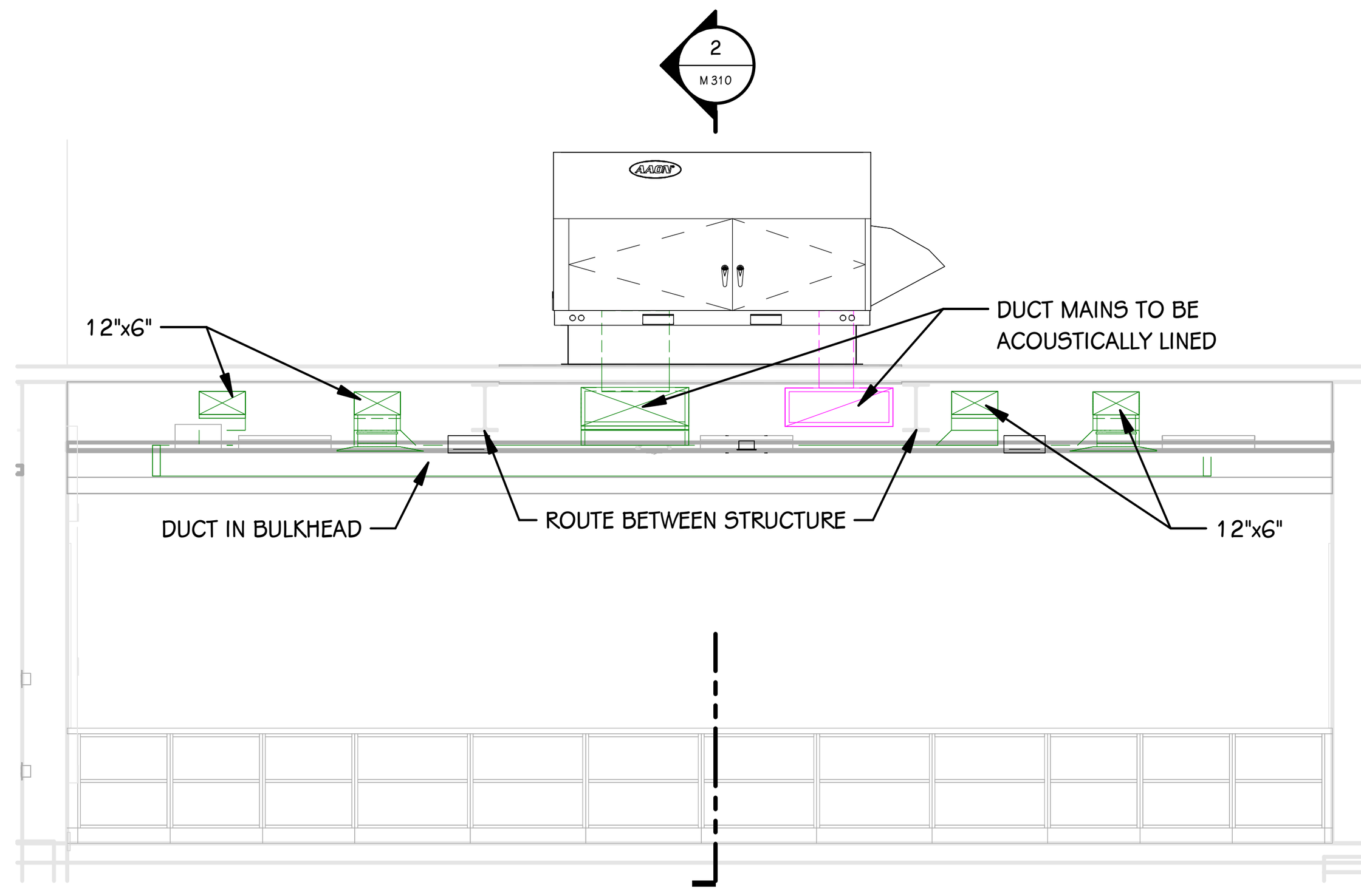
SHEET TITLE
ENLARGED MECHANICAL ROOM PLAN

DATE
SEPTEMBER 6, 2024

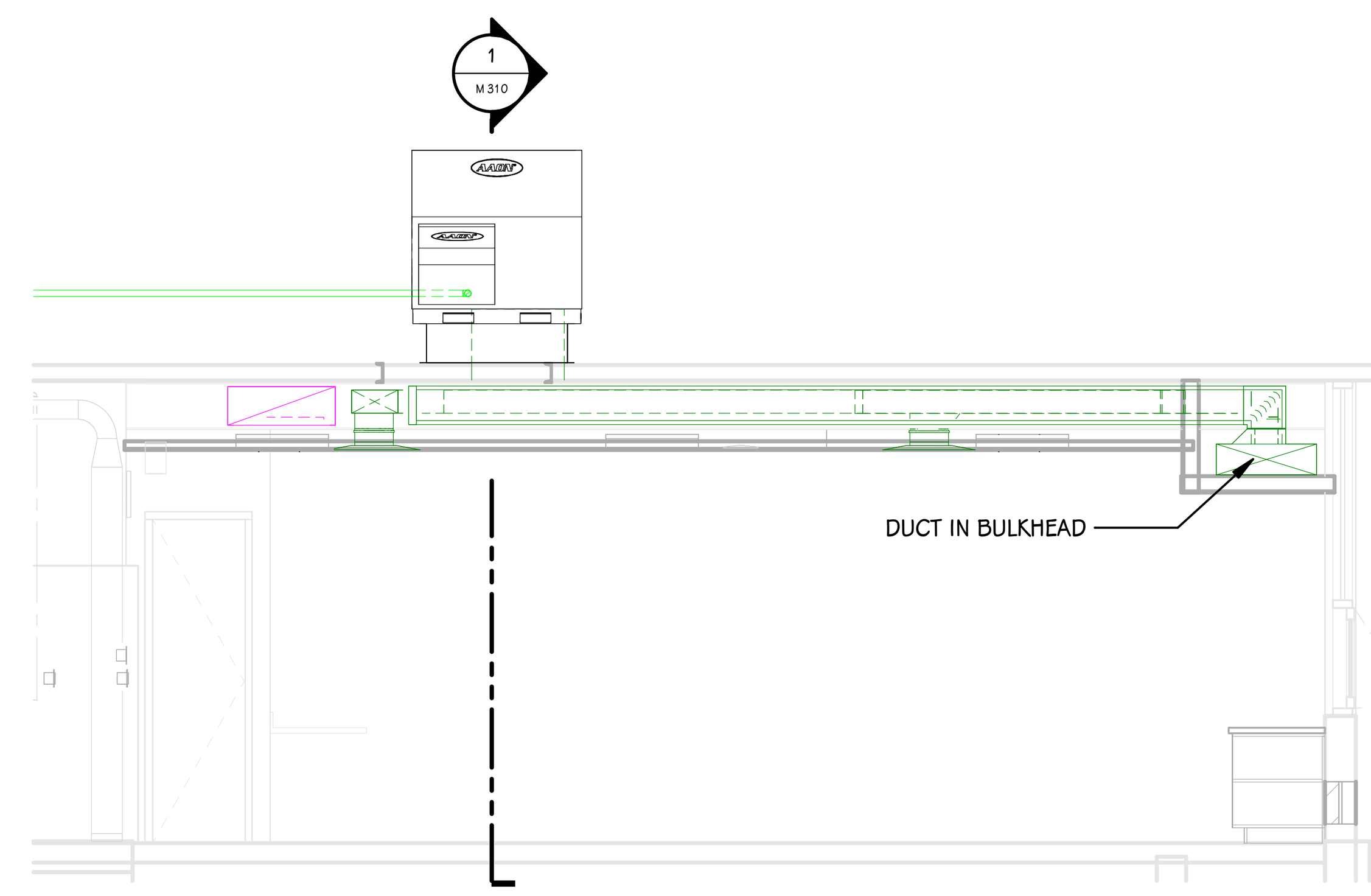
SHEET NUMBER
M 301
23-606.00

KEYED NOTES - MECHANICAL - ENLARGED

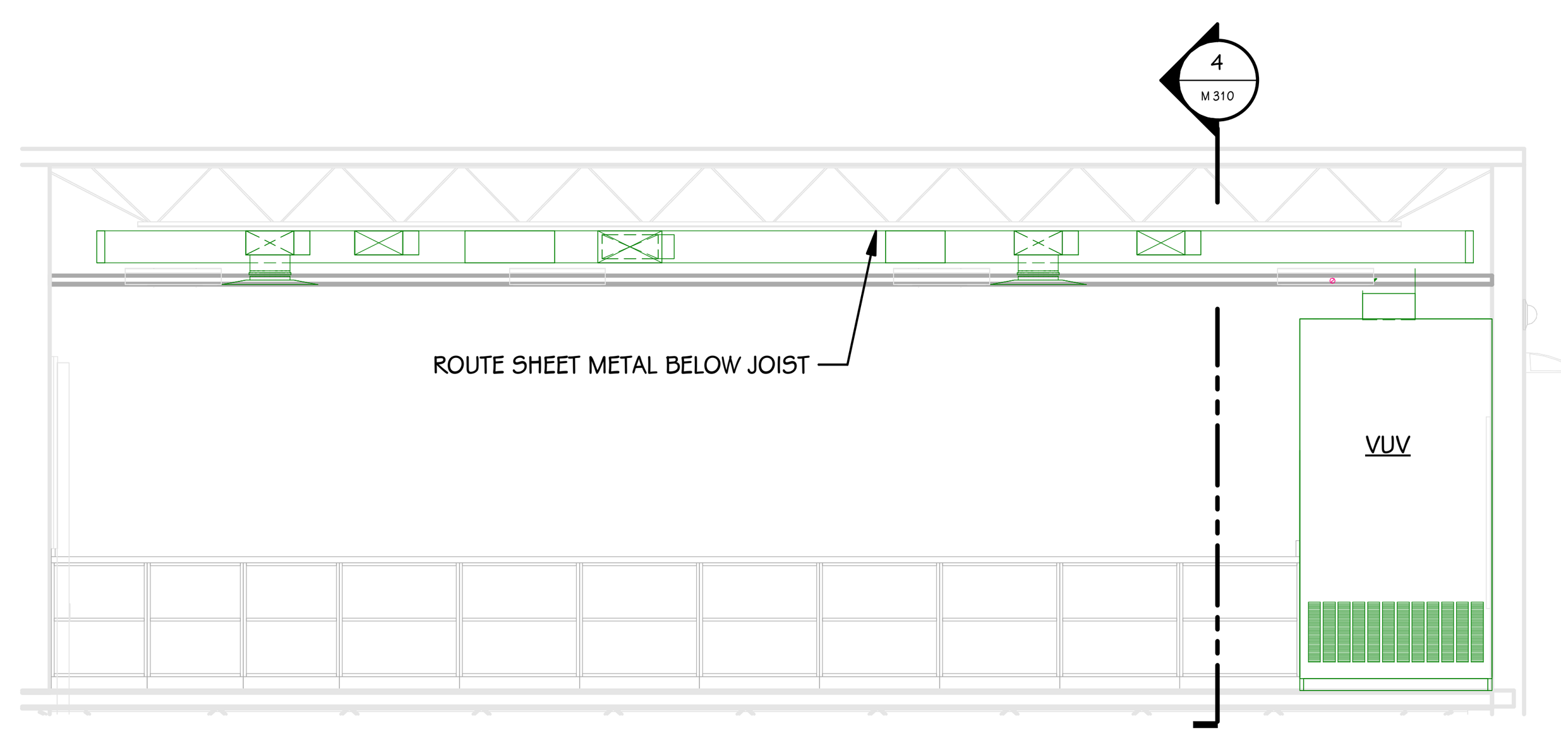
1. RELOCATE EXIST. WATER HEATER AS NEEDED FOR NEW 6" CW. RECONNECT HW/CW PIPING AND VENT.
2. RELOCATE EXIST. WATER SOFTENER AS NEEDED FOR NEW 6" CW. CONNECT TO 3" DOMESTIC CW LINE AND PIPE BACK INTO EXISTING SOFT WATER MAIN.



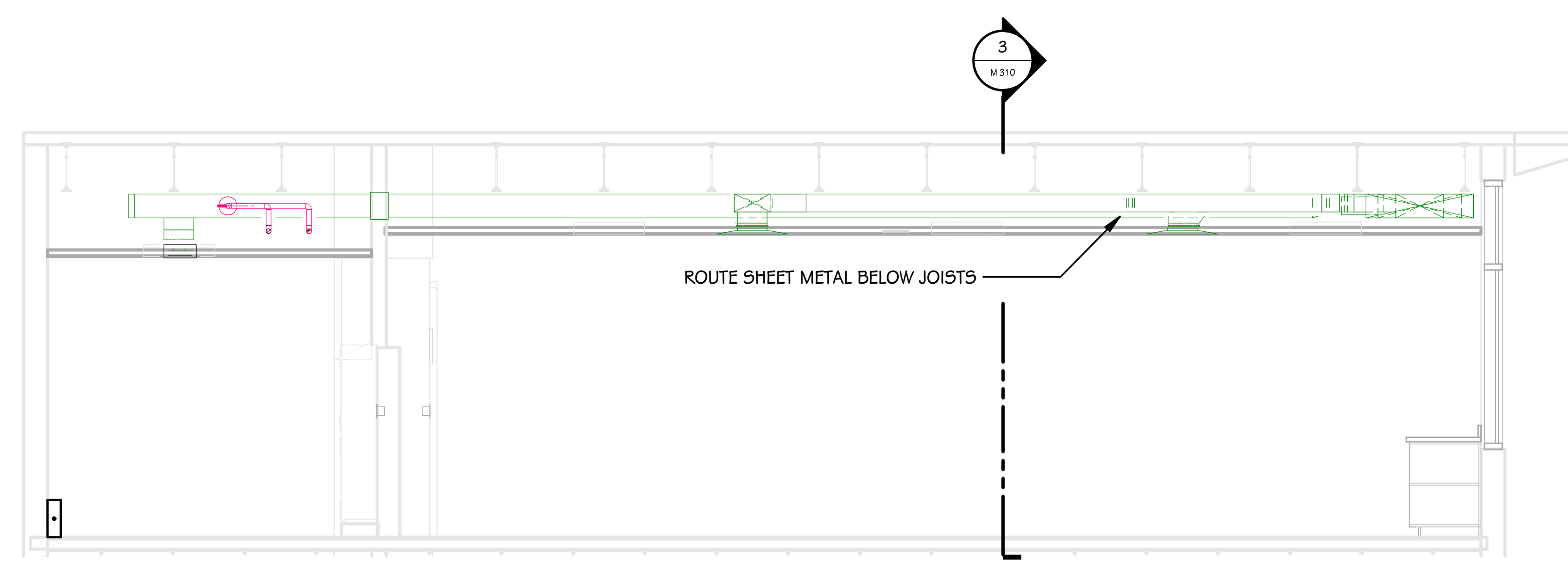
1 M 310 TYPICAL RTU CLASSROOM SECTION 1
1/4" = 1'-0"



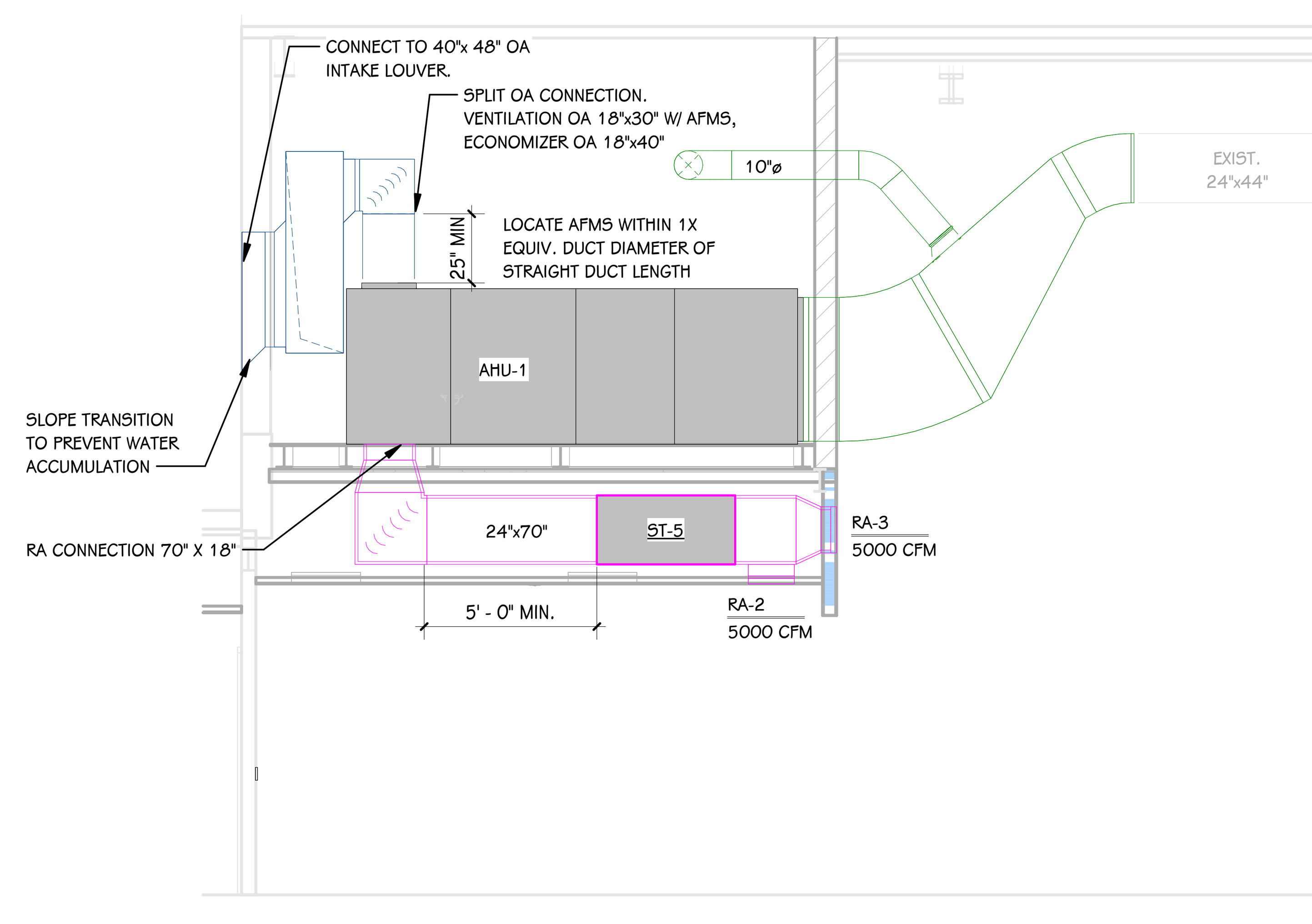
2 M 310 TYPICAL RTU CLASSROOM SECTION 2
1/4" = 1'-0"



3 M 310 TYPICAL VUV CLASSROOM SECTION 1
1/4" = 1'-0"

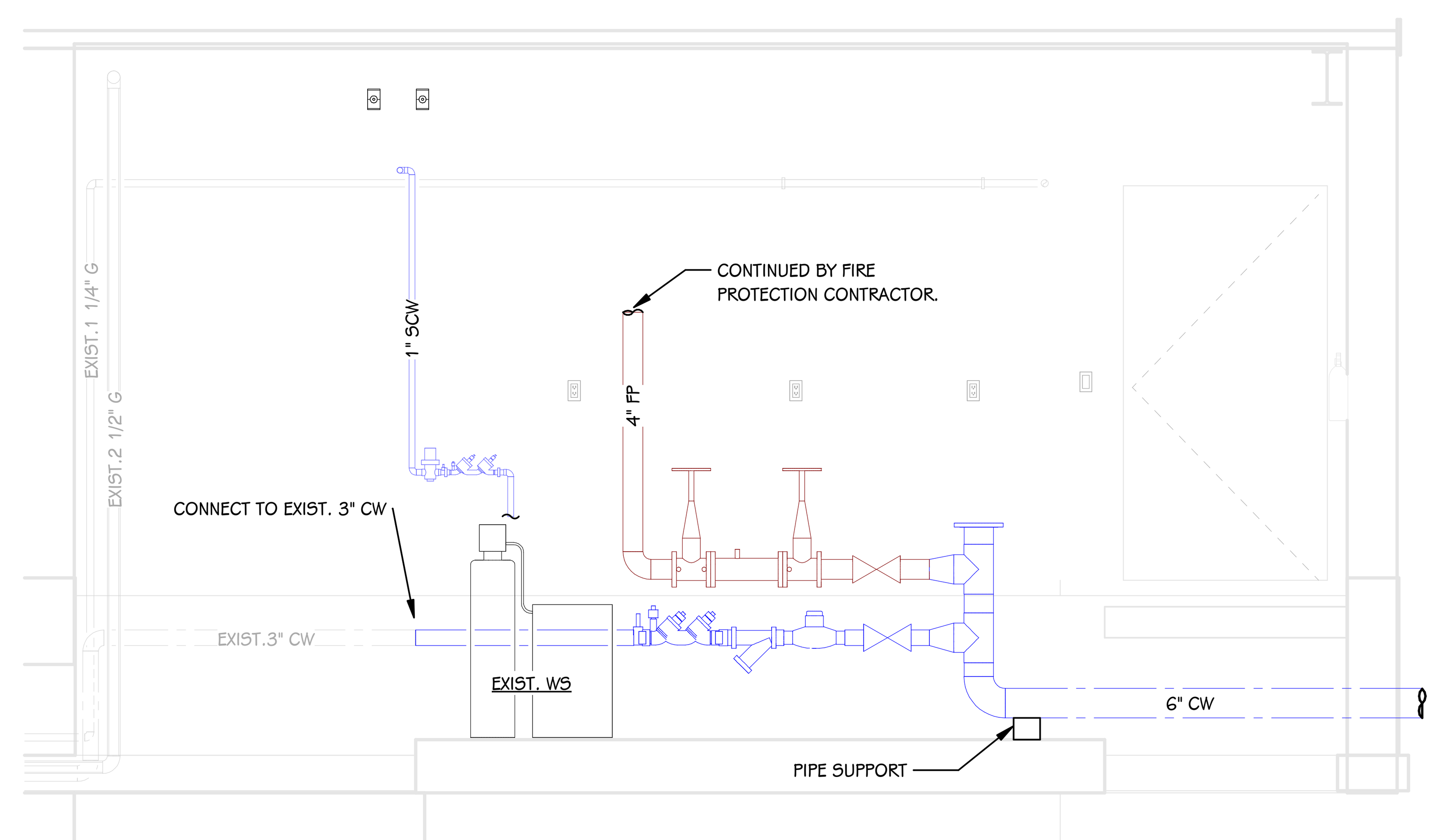


4 M 310 TYPICAL VUV CLASSROOM SECTION 2
1/4" = 1'-0"



5 M 310 AHU-1 MEZZANINE SECTION
1/4" = 1'-0"

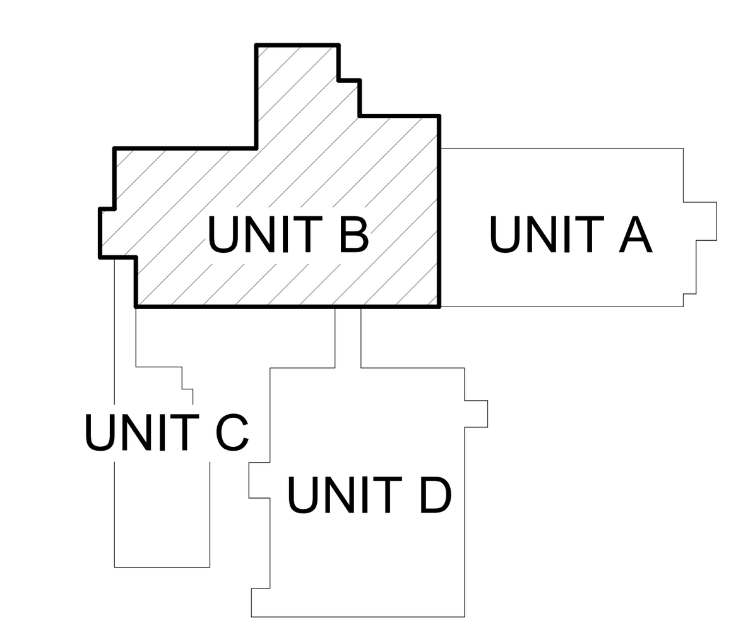
A1



6 M 310 MECHANICAL ROOM - DOMESTIC WATER & FIRE PROTECTION MAIN
3/8" = 1'-0"

THIS DRAWING SHEET IS INTENDED TO BE PLOTTED IN COLOR. IF THIS TEXT APPEARS IN BLACK AND WHITE, IT IS PLOTTED INCORRECTLY. DISCARD AND OBTAIN AN ACCURATE DRAWING

WESTNEDGE SCHOOL



KEY PLAN
SCALE: NO SCALE

TowerPinkster
Architecture · Engineering · Interiors

ISSUED FOR	DATE
ADDENDUM #1	09-20-2024

PROJECT TITLE
SOUTH WESTNEDGE SCHOOL REMODELING AND SITE IMPROVEMENTS

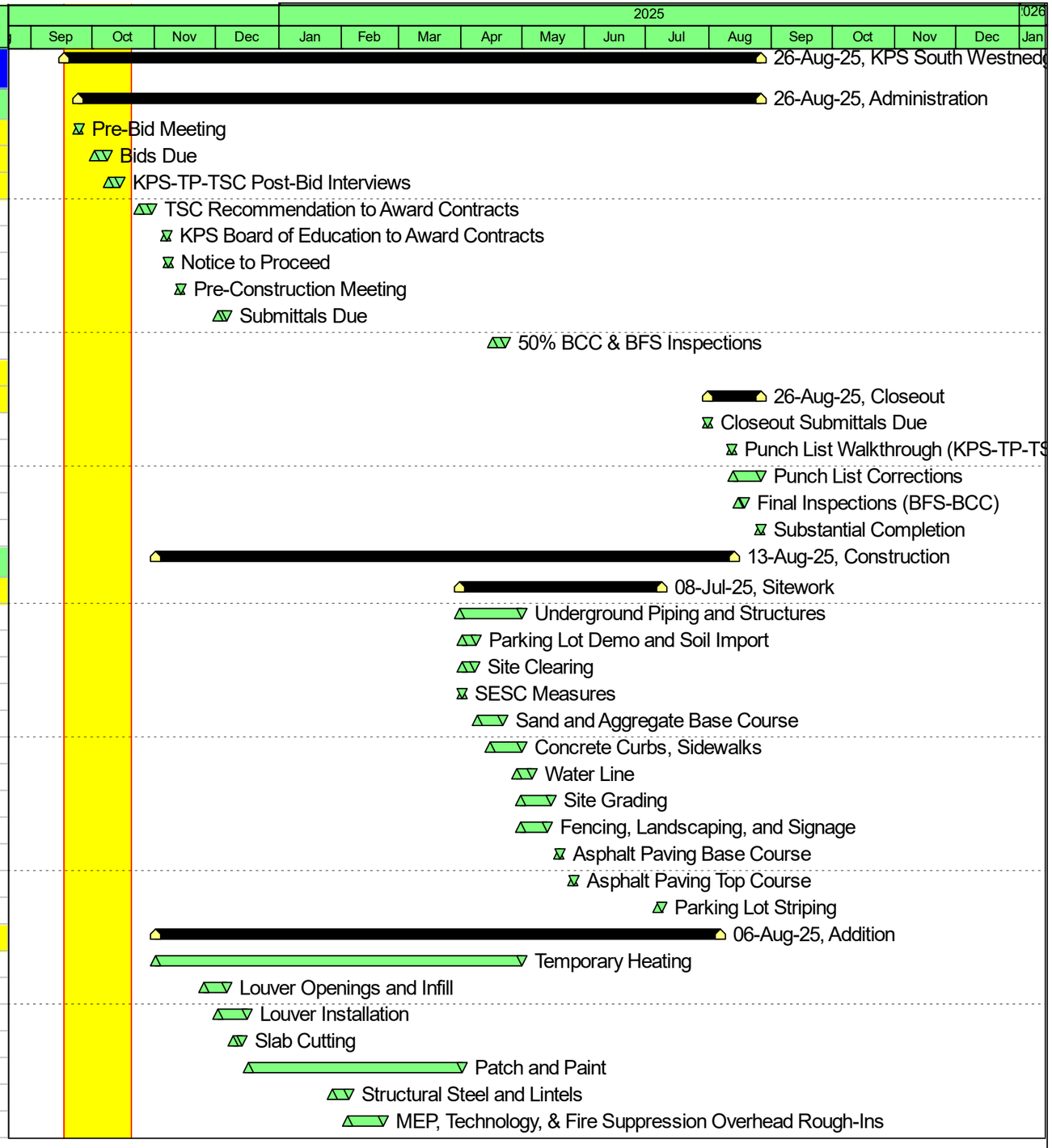
OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

DATE
SEPTEMBER 6, 2024

SHEET TITLE
MECHANICAL SECTIONS

SHEET NUMBER
M 310
23-606.00

Activity Name	Original Duration	Start	Finish
KPS South Westnedge School Remodeling and Site	240	17-Sep-24	26-Aug-25
Administration	235	24-Sep-24	26-Aug-25
Pre-Bid Meeting	1	24-Sep-24	24-Sep-24
Bids Due	5	02-Oct-24	08-Oct-24
KPS-TP-TSC Post-Bid Interviews	4	09-Oct-24	14-Oct-24
TSC Recommendation to Award Contracts	5	24-Oct-24	30-Oct-24
KPS Board of Education to Award Contracts	1	06-Nov-24	06-Nov-24
Notice to Proceed	1	07-Nov-24	07-Nov-24
Pre-Construction Meeting	1	13-Nov-24	13-Nov-24
Submittals Due	5	02-Dec-24	06-Dec-24
50% BCC & BFS Inspections	5	16-Apr-25	22-Apr-25
Pre-Installation Meetings	0		
Closeout	19	31-Jul-25	26-Aug-25
Closeout Submittals Due	1	31-Jul-25*	31-Jul-25
Punch List Walkthrough (KPS-TP-TSC)	1	12-Aug-25	12-Aug-25
Punch List Corrections	10	13-Aug-25	26-Aug-25
Final Inspections (BFS-BCC)	2	15-Aug-25	18-Aug-25
Substantial Completion	1	26-Aug-25	26-Aug-25
Construction	198	01-Nov-24	13-Aug-25
Sitework	70	31-Mar-25	08-Jul-25
Underground Piping and Structures	23	31-Mar-25*	30-Apr-25
Parking Lot Demo and Soil Import	6	01-Apr-25	08-Apr-25
Site Clearing	5	01-Apr-25	07-Apr-25
SESC Measures	1	01-Apr-25	01-Apr-25
Sand and Aggregate Base Course	9	09-Apr-25	21-Apr-25
Concrete Curbs, Sidewalks	12	15-Apr-25	30-Apr-25
Water Line	6	28-Apr-25	05-May-25
Site Grading	12	30-Apr-25	15-May-25
Fencing, Landscaping, and Signage	10	30-Apr-25	13-May-25
Asphalt Paving Base Course	1	19-May-25	19-May-25
Asphalt Paving Top Course	1	26-May-25	26-May-25
Parking Lot Striping	2	07-Jul-25	08-Jul-25
Addition	193	01-Nov-24	06-Aug-25
Temporary Heating	125	01-Nov-24*	30-Apr-25
Louver Openings and Infill	8	25-Nov-24	06-Dec-24
Louver Installation	11	02-Dec-24	16-Dec-24
Slab Cutting	5	09-Dec-24	13-Dec-24
Patch and Paint	74	17-Dec-24	01-Apr-25
Structural Steel and Lintels	7	27-Jan-25	04-Feb-25
MEP, Technology, & Fire Suppression Overhead Rough-Ins	14	04-Feb-25	21-Feb-25

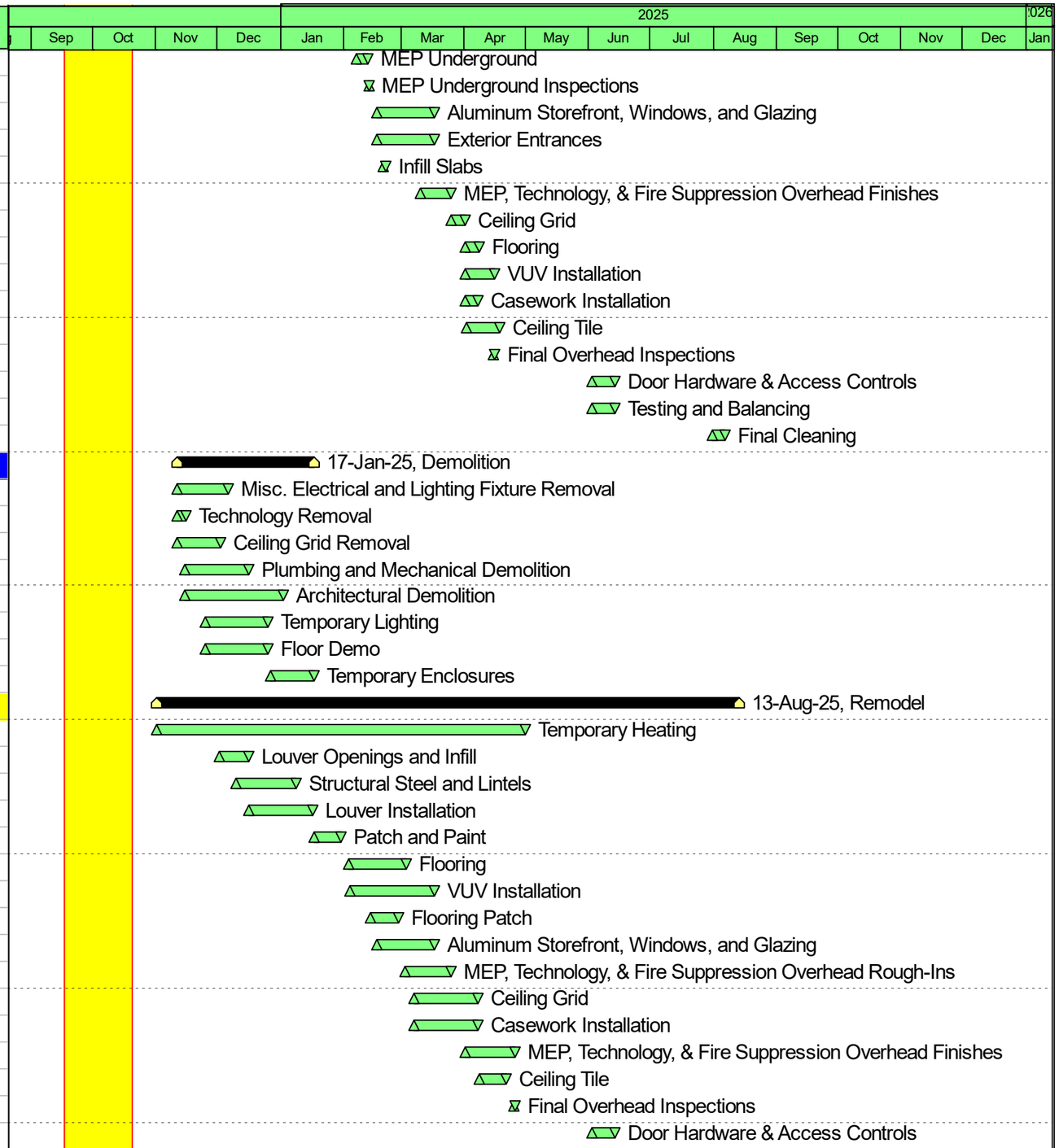


Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

224010.02 - KPS South Westnedge School Remodeling and Site Improvements
Guideline Schedule - 17-Sep-24

SKILLMAN

Activity Name	Original Duration	Start	Finish
MEP Underground	4	07-Feb-25	12-Feb-25
MEP Underground Inspections	1	13-Feb-25	13-Feb-25
Aluminum Storefront, Windows, and Glazing	21	17-Feb-25	17-Mar-25
Exterior Entrances	21	17-Feb-25	17-Mar-25
Infill Slabs	2	20-Feb-25	21-Feb-25
MEP, Technology, & Fire Suppression Overhead Finishes	12	10-Mar-25	25-Mar-25
Ceiling Grid	6	25-Mar-25	01-Apr-25
Flooring	6	01-Apr-25	08-Apr-25
VUV Installation	11	01-Apr-25	15-Apr-25
Casework Installation	5	01-Apr-25	07-Apr-25
Ceiling Tile	13	02-Apr-25	18-Apr-25
Final Overhead Inspections	1	15-Apr-25	15-Apr-25
Door Hardware & Access Controls	10	02-Jun-25	13-Jun-25
Testing and Balancing	10	02-Jun-25	13-Jun-25
Final Cleaning	5	31-Jul-25	06-Aug-25
Demolition	46	11-Nov-24	17-Jan-25
Misc. Electrical and Lighting Fixture Removal	20	11-Nov-24	06-Dec-24
Technology Removal	5	11-Nov-24*	15-Nov-24
Ceiling Grid Removal	16	11-Nov-24	02-Dec-24
Plumbing and Mechanical Demolition	22	15-Nov-24	16-Dec-24
Architectural Demolition	31	15-Nov-24	02-Jan-25
Temporary Lighting	23	25-Nov-24	25-Dec-24
Floor Demo	23	25-Nov-24	25-Dec-24
Temporary Enclosures	15	27-Dec-24	17-Jan-25
Remodel	198	01-Nov-24	13-Aug-25
Temporary Heating	125	01-Nov-24*	30-Apr-25
Louver Openings and Infill	11	02-Dec-24	16-Dec-24
Structural Steel and Lintels	20	10-Dec-24	08-Jan-25
Louver Installation	22	16-Dec-24	16-Jan-25
Patch and Paint	10	17-Jan-25	30-Jan-25
Flooring	21	03-Feb-25	03-Mar-25
VUV Installation	30	04-Feb-25	17-Mar-25
Flooring Patch	10	14-Feb-25	27-Feb-25
Aluminum Storefront, Windows, and Glazing	21	17-Feb-25	17-Mar-25
MEP, Technology, & Fire Suppression Overhead Rough-Ins	17	03-Mar-25	25-Mar-25
Ceiling Grid	22	07-Mar-25	07-Apr-25
Casework Installation	22	07-Mar-25	07-Apr-25
MEP, Technology, & Fire Suppression Overhead Finishes	19	01-Apr-25	25-Apr-25
Ceiling Tile	10	08-Apr-25	21-Apr-25
Final Overhead Inspections	1	25-Apr-25	25-Apr-25
Door Hardware & Access Controls	10	02-Jun-25	13-Jun-25



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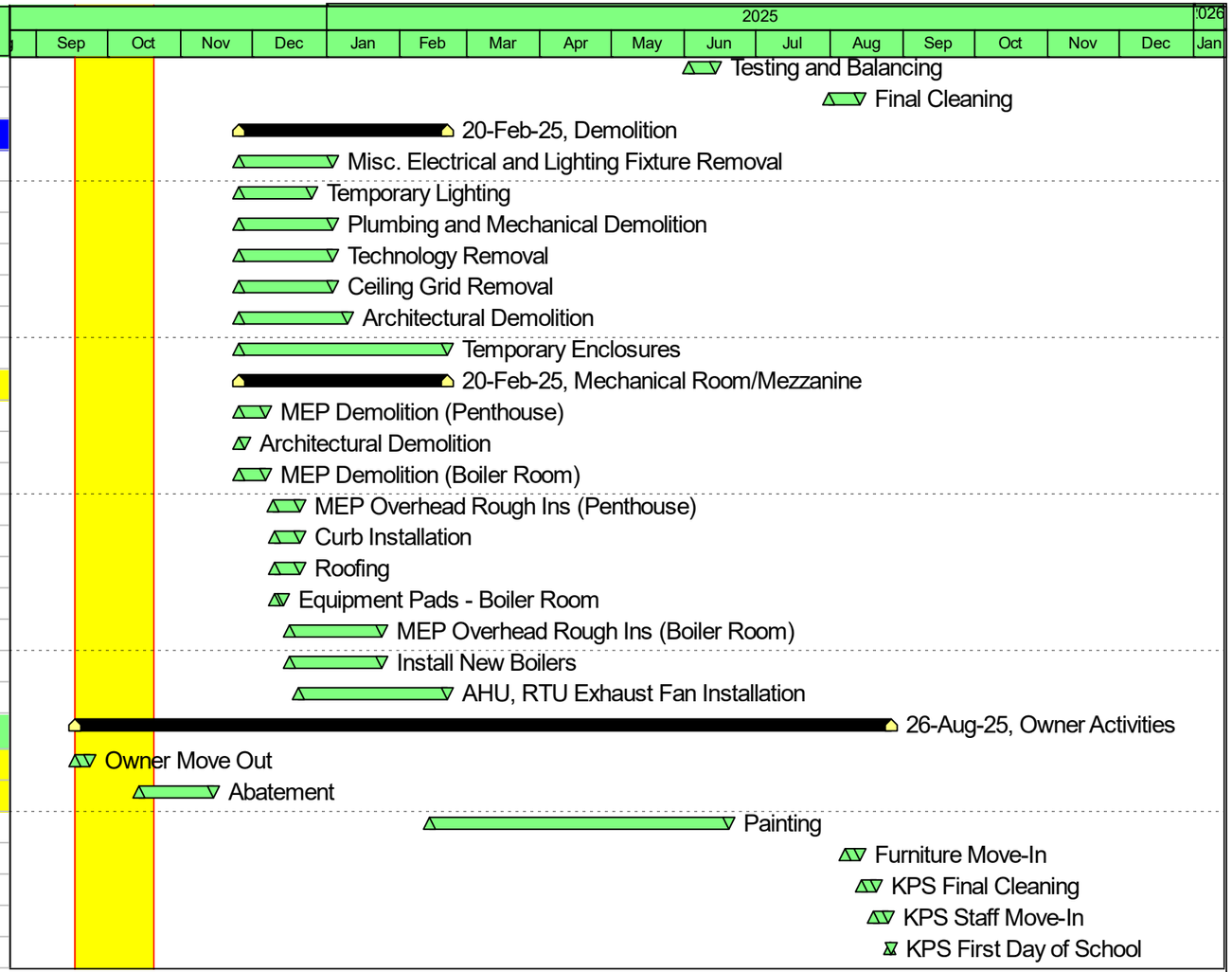
224010.02 - KPS South Westnedge School Remodeling and Site Improvements
Guideline Schedule - 17-Sep-24

SKILLMAN

Activity Name	Original Duration	Start	Finish
Testing and Balancing	10	02-Jun-25	13-Jun-25
Final Cleaning	10	31-Jul-25	13-Aug-25
Demolition	60	25-Nov-24	20-Feb-25
Misc. Electrical and Lighting Fixture Removal	30	25-Nov-24*	03-Jan-25
Temporary Lighting	23	25-Nov-24	25-Dec-24
Plumbing and Mechanical Demolition	30	25-Nov-24	03-Jan-25
Technology Removal	30	25-Nov-24	03-Jan-25
Ceiling Grid Removal	30	25-Nov-24	03-Jan-25
Architectural Demolition	30	25-Nov-24	09-Jan-25
Temporary Enclosures	60	25-Nov-24	20-Feb-25
Mechanical Room/Mezzanine	64	25-Nov-24	20-Feb-25
MEP Demolition (Penthouse)	10	25-Nov-24	06-Dec-24
Architectural Demolition	3	25-Nov-24*	27-Nov-24
MEP Demolition (Boiler Room)	10	25-Nov-24	06-Dec-24
MEP Overhead Rough Ins (Penthouse)	10	09-Dec-24	20-Dec-24
Curb Installation	9	10-Dec-24	20-Dec-24
Roofing	9	10-Dec-24	20-Dec-24
Equipment Pads - Boiler Room	4	10-Dec-24	13-Dec-24
MEP Overhead Rough Ins (Boiler Room)	30	16-Dec-24	24-Jan-25
Install New Boilers	30	16-Dec-24	24-Jan-25
AHU, RTU Exhaust Fan Installation	45	20-Dec-24	20-Feb-25
Owner Activities	240	17-Sep-24	26-Aug-25
Owner Move Out	5	17-Sep-24	23-Sep-24
Abatement	24	14-Oct-24	14-Nov-24
Painting	90	13-Feb-25	19-Jun-25
Furniture Move-In	5	07-Aug-25	13-Aug-25
KPS Final Cleaning	5	14-Aug-25	20-Aug-25
KPS Staff Move-In	5	19-Aug-25	25-Aug-25
KPS First Day of School	1	26-Aug-25	26-Aug-25



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