SECTION 00 9111
ADDENDUM NUMBER 1

PARTICULARS

1.01 DATE: APRIL 20, 2026

1.02 PROJECT: TRUMANN MIDDLE SCHOOL - SYSTEMS REPLACEMENT

1.03 PROJECT NUMBER: 2402

1.04 OWNER: TRUMANN SCHOOL DISTRICT

1.05 ARCHITECT: STEILING ARCHITECTURE

1.06 CONSTRUCTION MANAGER: NABHOLZ CONSTRUCTION

TO: PROSPECTIVE BIDDERS :

2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL PROCUREMENT DOCUMENTS DATED MARCH 20, 2026, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.

2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM . FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

2.03 THIS ADDENDUM CONSISTS OF (3) PAGES PLUS THE FOLLOWING:

A. **Add or replace** the following attached specification sections in the Project Manual:
   1. Section 08 7101 - Door Hardware (6 pages)
   2. Section 21 0500 - Common Work Results for Fire Suppression (7 pages)

B. **Omit** the following existing specification sections from the Project Manual
   1. Section 08 7100 - Door Hardware
   2. Section 21 0500 - Common Work Rresults for Fire Suppression
   3. Section 21 0501 - Fire Suppression System Demolition

C. **Add or replace** the following attached drawing sheets as listed herein:
   1. Drawing: Sheet F101 - Overall Floor Plan - Fire Protection
   2. Drawing: Sheet P004 - Demolition Plan - Area "D" - Plumbing
   3. Drawing: Sheet P101 - Floor Plan Area "A" - Plumbing
   4. Drawing: Sheet P104 - Floor Plan Area "D" - Plumbing
   5. Drawing: Sheet P105 - Floor Plan Area "E" - Plumbing
   6. Drawing: Sheet P106 - Floor Plan Area "F" - Plumbing
   7. Drawing: Sheet P301 - Plumbing Risers
   8. Drawing: Sheet P302 - Plumbing Risers
   9. Drawing: Sheet P401 - Plumbing Schedules
   10. Drawing: Sheet M004 - Demolition Plan Area "D" - HVAC
   11. Drawing: Sheet M104 - Floor Plan Area "D" - HVAC
   12. Drawing: Sheet M201 - Details - HVAC
   13. Drawing: Sheet M301 - Equip. - Schedules
   14. Drawing: Sheet M504 - Kitchen Hood System - HVAC
   15. Drawing: Sheet M505 - Kitchen Hood System - HVAC
   16. Drawing: Sheet E004 - Demolition Plan Area "D" - Electrical
   17. Drawing: Sheet E100 - Overall Attic Plan - Electrical
   18. Drawing: Sheet E101 - Floor Plan Area "A" - Electrical
   19. Drawing: Sheet E102 - Floor Plan Area "B" - Electrical
   20. Drawing: Sheet E103 - Floor Plan Area "C" - Electrical
   21. Drawing: Sheet E104 - Floor Plan Area "D" - Electrical
   22. Drawing: Sheet E105 - Floor Plan Area "E" - Electrical
   23. Drawing: Sheet E106 - Floor Plan Area "F" - Electrical
   24. Drawing: Sheet E107 - Overall Floor Plan - Lighting

25. Drawing: Sheet E401 - Electrical Schedules
26. Drawing: Sheet E402 - Electrical Schedules
27. Drawing: SHeet E403 - Electrical Schedules

CHANGES TO THE PROJECT MANUAL

3.01 SECTION 08 7101 DOOR HARDWARE

A. Insert the attached new section 08 7101 - Door Hardware into the Project Manual. Remove the existing section 08 7100 - Door Hardware.

3.02 SECTION 21 0500 COMMON WORK RESULTS FOR FIRE SUPPRESSION

A. Insert the attached new section 21 0500 - Common Work Results for Fire Suppression into the Project Manual. Remove the existing section 21 0500 - Common Work Results for Fire Suppression.

CHANGES TO DRAWINGS:

4.01 DRAWING SHEETS A001, A002, A003, A004, A005, A006, A007 - DEMOLITION PLANS

A. The following spaces shall have existing ceilings demolished as instructed by note "A" in the Demolition Notes: Corridor-107, Storage-108, Closet-109, Corridor-113, Staff T-115, Staff T-116, Corridor-121, and Corridor-161.

B. The following areas do not have existing ceilings to be demolished but will receive new ceilings and thermal batt insulation as shown on the Reflected Ceiling Plans: Mechanical-159, Corridor-211, and Mechanical-307

4.02 DRAWING SHEET A103:

A. In Computer Lab-209, install unfaced, acoustical, batt insulation in wall cavity behind 24" high gypsum being installed on south wall.

4.03 DRAWING SHEETS A105 AND A106:

A. Sound panels shown on walls in Nurse-314, Conference-316, and Principal-332 are to be full height, wall to wall, and installed in a staggered "wood" plank design.

4.04 DRAWING SHEET A107:

A. Room Finish Schedule - Edit Rooms IT-147 and IT Office-148 to have the following finishes: Floor - Carpet, Base - Rubber, Walls - Paint, Ceilings - See Reflected Ceiling Plan, in lieu of the finishes shown in the schedule.

4.05 DRAWING SHEETS A200, A201, A202, A203, A204, A205, AND A206 - REFLECTED CEILING PLANS

A. All SAT Ceilings shall be Type 1 as specified unless noted otherwise.
   1. Sheet A204 - Type 2 SAT Ceiling as specified shall be used in the following rooms: Mechanical-159, Serving-222, Kitchen-223, Dry Storage-226, Office-234, Staff T.-236, Janitor-237, and Mechanical-307.
   2. Sheet A204 - No ceilings required in the following spaces: Freezer-224 and Cooler-225.
   3. Construct metal stud headers with 6" metal studs and 5/8" gypsum sheathing sticking below adjacent ceilings 2", to be finished and painted at locations where ceiling grids do not align but are required to be reset for centering of light fixtures. The folloiwng instances are identified: Corridor-113 - Corridor 121, Corridor -133 - Corridor-157, Corridor-323 - Corridor-331, Corridor-323 - Corridor-311, and area in Kitchen-223 to Washer/Dryer area.

4.06 DRAWING SHEET F101 - FIRE PROTECTION

A. Insert the revised and attached sheet listed into the construction documents replacing the existing sheet with same sheet number.

4.07 DRAWING SHEETS P004, P101, P104, P105, P106, P301, P302 - PLUMBING SHEETS

A. Insert the revised and attached sheets listed into the construction documents replacing the existing sheets with same sheet numbers.

4.08 DRAWING SHEETS M004, M104, M201, M301, M504, AND M505 - MECHANICAL SHEETS

A. Insert the revised and attached sheets listed into the construction documents replacing the existing sheets with same sheet numbers.

4.09 DRAWING SHEET M504:

A. Revise motor data in exhaust fan schedule for KEF-1. Revise voltage to 208/3 phase. Revise FLA to 10.6.

4.10 DRAWING SHEET M505:

A. Revise motor data in main control panel wiring diagram for KEF-1. Revise voltage to 208/3 phase. Revise FLA to 10.6.

4.11 DRAWING SHEETS E004, E100, E101, E102, E103, E104, E105, E106, E107, E202, E401, E402, AND E403 - ELECTRICAL SHEETS

A. Insert the new and/or revised and attached sheets listed into the construction documents replacing the existing sheets with same sheet numbers.

END OF ADDENDUM NUMBER ONE

SECTION 08 7101
DOOR HARDWARE

PART 1 GENERAL

1.01 CONDITIONS

A. The general conditions, supplementary general conditions, and all contract documents are a part of this division of the specifications and all provisions contained herein. Submission of the proposal implies that the bidder is fully familiar with all requirements of the said documents.

1.02 SCOPE

A. The finish hardware supplier shall furnish all necessary items for completion for this project, as specified in paragraph 3.05, hardware sets, or as necessary to complete this building excepting the items specifically excluded.

1.03 WORK NOT INCLUDED

A. Window Hardware
B. Folding Partition Hardware
C. Toilet Partition Hardware
D. Overhead Door Hardware (except Padlocks)
E. Cabinet and Millwork Hardware

1.04 QUALITY ASSURANCE

A. The hardware supplier shall submit six (6) typewritten hardware schedules to the architect through the general contractor for approval. Each schedule shall contain the door index listing of the opening on the project and the hardware for said openings. Each item of hardware listed is to be clearly identified by manufacturer, manufacturer's number and finish.

B. The Architect retains the authority to approve or reject any schedule based upon his knowledge of the supplier's experience and capabilities, the general quality of the products submitted and compliance with the specifications.

C. If requested, the supplier shall provide working samples of any items he proposed to substitute. Samples will be returned to the jobsite for installation.

D. The hardware supplier shall forward template information to all related trades within ten (10) days after receipt of approved hardware schedules. Template submission shall be made in accordance with the latest standards as published by The Door and Hardware Institute.

E. The supplier shall forward wiring diagrams to all affected trades within ten (10) days after receipt of approved hardware schedule.

F. The hardware supplier shall prepare a packet containing a complete up to date copy of the hardware schedule, two copies of any installation and or maintenance instructions for

items provided on the project and two sets of installation and adjustment tools, including dogging keys and emergency keys for any hardware requiring these tools. The maintenance package is to be delivered to the general contractor with the key control system and the master keys.

1.05 DELIVERY, STORAGE AND HANDLING

A. All items of hardware shall be clearly marked with door number, key, symbol, and heading number to correspond with the approved hardware schedule.

B. The General Contractor will be responsible for providing a dry, clean, locked room of adequate size for storage of hardware.

1.06 GUARANTEE

A. The hardware supplier shall guarantee that all materials furnished under this division will be free from defects and blemishes for a period of one (1) year from date of acceptance. The supplier shall repair or replace at his expense, including labor, when instructed to do so by the Architect and/or Owner any item of finish hardware which may prove to be defective within said period.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

A. Product numbers listed in the following specifications are taken from the catalogs of the manufacturers listed as follows:

(S)	Stanley Security Solutions	Indianapolis, Indiana
(B)	Best Access Systems	Indianapolis, Indiana
(P)	Precision Hardware	Indianapolis, Indiana
(T)	Trimco	Los Angeles, California
(NG)	National Guard Products	Memphis, Tennessee
(L)	Lund Equipment Company	Bath, Ohio

Products of the following manufacturers will be considered acceptable provided they are of equivalent weight, function and design.

BUTTS:
Bommer, Hager

LOCKS:
Best, no substitutes

PANIC DEVICES:
Precision, no substitutes

DOOR CLOSERS:

Stanley, no substitutes

DOOR TRIM:
Hager, Burns

DOOR STOPS AND MISCELLANEOUS HOLDERS:
Hager, Burns

THRESHOLD AND WEATHERSTRIPPING:
Hager, Burns

2.02 FINISH

A. The finish in general shall be satin chrome (BHMA 626 or BHMA 652).
B. Satin stainless steel (BHMA 630) may be provided at the supplier's option.
C. Door closers shall be painted aluminum (BHMA 689).
D. Thresholds and weatherstrips shall be mill finish aluminum.

2.03 FASTENERS

A. Where sex nut bolts are specified in paragraph 3.05, furnish sex bolts sized to the thickness of the door.
B. Wood screws are to be threaded to the head.
C. Material for fasteners shall be ferrous or non-ferrous matching the product being applied.
D. Length of fasteners shall be sufficient to afford adequate thread engagement.

2.04 KEYING

ONLY APPLIES TO 16 DOORS LISTED IN 3.05

A. All locks are to be subject to the existing Best restricted key system.
B. Provide all locks with temporary construction cores.
C. Furnish four (4) keys per keyed alike set and two (2) keys each for all other locks.
D. There shall be six (6) master keys furnished.
E. Furnish ten (10) construction keys and four (4) construction control keys.
F. A representative of the Best Lock Company shall consult with the owner's representative to determine permanent keying.
G. Permanent cores and keys are to be delivered to the designated representative of the owner.
H. Installation of the permanent cores is to be by the general contractor. Construction cores are to be returned to the owner's representative.

2.05 KEY CONTROL SYSTEM

A. Provide a complete key control system including envelopes, labels, and tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers and standard metal cabinet. The size of the system is to be 150% of the number of locks required for the project.

PART 3 – EXECUTION

3.01 INSPECTION

A. Condition of opening size shall be verified by the general contractor as to door frames being plumb and of correct tolerances to receive door and hardware.

3.02 INSTALLATION

A. The installer shall be competent and have knowledge of hardware.

B. Mounting heights for all hardware shall be recommended by The Door and Hardware Institute.

3.03 ADJUSTMENT

A. The installer is to make adjustments as necessary to insure proper operation of all hardware items.

B. Door opening force: In accordance with the Americans with Disabilities Act (ADA), adjust all door hardware to that the maximum force required for pushing or pulling open a door shall be as follows:

1. Fire doors shall have the minimum opening force allowable by the appropriate administrative authority.
2. Exterior hinged doors: 8.5 LBF
3. Interior hinged doors: 5.0 LBF
4. Sliding or folding doors: 5.0 LBF

These forces do not apply to the force required to retract latch bolts or disengage other devices that may hold the door in a closed position.

C. Door Closers: If door is equipped with a closer, then the sweep period of the closer shall be adjusted so that from an open position to 70^{O}, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door.

D. The installer shall check the door closer adjustment after testing and balancing of the HVAC system and make any corrections as required. In addition, the door closers are to be checked six months after the date of final completion and adjusted as necessary.

3.04 PROTECTION

A. The General Contractor is responsible for protection of all items for hardware until Owner accepts the project as complete.

3.05 HARDWARE SETS

A. The following is a general listing of the minimum hardware requirements. Any item of hardware normally required by good practice, or as to meet State and Local codes, shall be furnished even though it may not be specifically mentioned.

HW-1
Doors 221B, 221E, 221C, 221D,
Each to have:

NG	1	Hinge	HD2400
P	1	Panic Device	2108 x V4908D x SNB
B	1	Cylinder	PATD
B	1	Closer	HD8016 x 689
T	1	Kick Plate	10 x DW-1.5”
T	1	Stop	1201
NG	1	Threshold	425HD-RCE
NG	1	Door Bottom	200S
NG	1	Set Gasketing	5075
NG	1	Rain Drip	16 DW+4”

HW-2
Doors 138A, 151A, 325A, 319B
Each to have:

B	1	Deadlock	8T37 M PATD
T	1	Push Plate	1001-3 x US32D
NG	1	Set Gasketing	5075

- Remove all existing hardware- Cover holes as needed or Bondo as needed.
- Install push plates over existing preps
- Install new Deadbolts to keep doors locked.

HW-3
Doors 153A, 320A,
Each to have:

S	3	Butts	FBB179 4.5 x 4.5
B	1	Lock	93K7 D 14D
B	1	Closer	HD8016 x 689
T	1	Kick Plate	10 x DW-1.5”
T	1	Stop	1270WX

HW-4
Doors 201A, 211A
Each to have:

D	2	Mag Holder	EM-508-689

* Existing Hardware to Remain
* Install new Mag holders

HW-5
Doors 236A, 238A, 239A,
Each to have:

S	3	Butts	FBB179 4.5 x 4.5
B	1	Indicator Lock	QDB285
B	1	Latch	93K0 N 14D
B	1	Closer	HD8016 x 689
T	1	Stop	1270WX

HW-6
Doors 319A
Each to have:

NG	1	Hinge	HD2400
B	1	Deadlock	83T7 S
T	1	Pull	1191-3 x BP4
T	1	Push/Pull Plate	1820-11
B	1	Closer	HD8016 x 689
T	1	Kick Plate	10 x DW-1.5”
T	1	Stop	1270WX

* Existing Frame to remain

SECTION 21 0500
COMMON WORK RESULTS FOR FIRE SUPPRESSION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Includes furnishing and installing all components of a wet pipe fire protection sprinkler system for the entire building, fire pump, and piping to a point of connection to water entrances. Refer to drawings. Building to be sprinklered as required by NFPA 13, state and local codes.

1.02 RELATED SECTIONS

A. Painting - Section 09 90 00.

B. Vibration and Seismic Control – Section 21 05 48

C. Mechanical Identification - Section 21 05 53.

D. Fire Suppression Sprinkler Systems – Section 21 13 00.

1.03 REFERENCES

A. ANSI/NFPA 13 & Ark State Fire Code- (latest accepted edition) - Installation of Sprinkler Systems.

B. NFPA 101 & Ark State Fire Code- (latest accepted edition) - Life Safety Code.

1.04 SUBMITTALS

A. See Section 01 33 00 – Submittals, for Submittals Procedures.

B. Shop Drawings:
   1. Submit as a complete package to the Architect for review for the State Fire Marshal under a Memo of Understanding and record purposes:
      a. Layout drawing of complete overhead sprinkler system indicating relationship of all overhead items, including ceiling air diffusers. Any variation from designated sprinkler head locations shall be approved by the Architect. Location of risers, piping, etc. shall be as inconspicuous as possible, provide a pleasing appearance and still fulfill all functional requirements.
      b. Complete details and sections as required to clearly define and clarify the design indicated by the aforementioned layout.
      c. Designs requiring cutting of structural members for passage of sprinkler pipes or hangers shall be as noted on the drawings and as approved by the Structural Engineer.
      d. Catalog data of all system components (i.e. valves, siamese, alarms, heads, etc.
      e. All shop drawings, prior to being sent to the Architect, shall bear evidence of review by the Owner's insurance carrier. Insurance carrier review shall be by Owner's carrier at time immediately prior to shop drawing submission to Architect.

f. Include working plans, summary sheets, detailed work sheet, and graph sheets according to NFPA 13 - 2002, 1-9, 7-3.2, 7-3.3, 7-3.4, 6.1, 6.2, and 6.3.

C. Maintenance Manuals:

1. The contractor shall provide three (3) sets in hard back looseleaf binders of a compilation of catalog data of each manufactured item of equipment used in the fire protection system and shall present this compilation to the Architect for transmittal to the Owner before final payment is made. In each maintenance catalog shall be provided a complete set of submittals on all equipment, descriptive data, installation data, operating instructions, parts lists and maintenance instructions.
2. A complete double index shall be provided: (1) Listing of products alphabetically by name, and (2) listing the names of manufacturers of products alphabetically with their addresses and the address of the local sales representative.

1.05 QUALITY ASSURANCE

A. The system shall be designed and fabricated by a firm which is regularly engaged, for a minimum of five years, in manufacturing of fire protection piping systems similar to that required for this project.

B. At the option of the Contractor, the piping system may be hydraulically designed from the start of the sprinkler service in lieu of the standard pipe method.

C. All system designers, supervisors and installers shall have proper NICET certification.

1. Prior to installation, submit data showing that Contractor has successfully installed systems of the same type and design as specified herein, or that Contractor has a firm contractual agreement with a subcontractor having such required experience. Data shall include names and locations of at least two installations where the Contractor, or the subcontractor referred to above, has installed such systems. Indicate type and design of each system and certify that each system has performed satisfactorily in the manner intended for not less than 18 months.
2. Qualifications of System Technician: Installation drawings, shop drawings and as-built drawings shall be prepared, by or under the supervision of an individual who is experienced with the types of works specified herein, and is currently certified by the National Institute for Certification in Engineering Technologies (NICET) as an engineering technician with a minimum Level III certification in the Fire Protection/Automatic Sprinkler System program. Contractor shall submit data for approval showing the name and certification of all involved individuals with such qualifications at or prior to submittal of drawings.

D. FM Compliance: Comply with Factory Mutual "Approved Guide".

E. FM Labels: Provide fire protection products bearing FM approved labels.

F. UL Labels: Provide fire protection products which have been approved and labeled by UL.

G. Local Fire Department/Marshall Regulations: Comply with governing regulations pertaining to the fire protection system.

H. The entire installation shall be guaranteed for a period of one (1) year from the building acceptance date.

1.06 SITE INSPECTION

A. Examine premises and understand the conditions which may affect performance of work of this Division before submitting proposals for this work.

B. No subsequent allowance for time or money will be considered for any consequence related to failure to examine site conditions.

1.07 DRAWINGS

A. Mechanical drawings show general arrangement of piping ductwork, equipment, etc. Follow closely as actual building construction and work of other trades will permit.

B. Consider architectural and structural drawings part of this work insofar as these drawings furnish information relating to design and construction of building. These drawings take precedence over mechanical drawings.

C. Because of the small scale of mechanical drawings, it is not possible to indicate all offsets, fittings and accessories which may be required. Investigate structural and finish conditions affecting this work and arrange work accordingly, providing such fittings, valves and accessories required to meet the conditions.

D. Record difference between mechanical work as installed and as shown in Contract Documents on a set of prints of mechanical drawings to be furnished by Architect. Return these prints to Architect at completion of project. These will be labeled "Contractor Revised Drawings".

1.08 CODE REQUIREMENTS, FEES & PERMITS

A. Perform work in accordance with applicable provisions of state and local Plumbing Code, gas ordinances and adoptions thereof. Provide materials and labor necessary to comply with rules, regulations and ordinances.

B. In case of differences between building codes, state laws, local ordinances, utility company regulations and Contract Documents, the most stringent shall govern. Promptly notify Architect in writing of such differences.

1.09 CONTRACTOR REVISED DRAWINGS

A. The contractor shall, during the progress of the work, keep an accurate record of all changes and corrections from the layouts shown on the drawings. Record of changes may be kept by accurately making all changes on a set of prints during the progress of the job.

B. Exact location of all underground utility service entrances and their connections to utility mains, well heads, loop piping and all valves, etc., which will be concealed in the finished work shall be accurately indicated on the drawings by measured distances.

C. Upon completion of the work and prior to final payment, the contractor shall furnish to the Architect, one set of "contractor revised" prints, legibly and accurately marked to indicate all changes, additions, deletions, etc., from the contract drawings.

D. Contractor shall include all addendum items and field change order information on the revised drawings. Revise all schedules shown on the drawings to reflect the actual model numbers, capacities and electrical characteristics of substituted equipment.

1.10 VISIT SITE

A. This contractor shall visit the site of the building before submitting a proposal on this work, and shall thoroughly familiarize himself with the existing conditions and operations. Failure on his part to do this will not be cause for extras after the contract is signed by reason of unforeseen conditions.

1.11 GUARANTEE

A. The work herein specified shall be free from defects in workmanship and material under normal use and service. If, within twelve (12) months from date of substantial completion and Owner acceptance of the work herein described, any of the equipment or materials, or in the installation thereof, is found to be defective in workmanship or material, it shall be replaced or repaired free of charge.

B. The Contractor shall, after completion of the original test of the installation, and acceptance of the Architect, provide any service incidental to the proper performance of the mechanical systems under guarantees outlined above for a period of one (1) year.

PART 2 PRODUCTS

2.01 PIPE AND FITTINGS

A. Fire protection piping in the ground shall be U.S. Pipe "Tyton", or approved equal, Class 50 ductile iron waterworks pipe, conforming to ANSI/AWWA C151 A21.51, cement lined, seal coated conforming to ANSI/AWWA C151 A21.4, bell and spigot type, cast in lengths not less than twelve (12) feet, exclusive of socket. Specials and fittings for pipe shall be gray iron or ductile iron with minimum pressure rating of 250 psi, conforming to the latest standard specifications of the ANSI/AWWA and shall conform in pattern, dimensions, coating and lining with the pipe furnished. Wherever special fittings or special conditions require flanges or other type of joints, the pipe and fittings shall conform to these specifications and the flanges shall be faced and drilled American Standard. All joining materials shall be of a type, make and quality approved by the Architect and shall conform to the following requirements:

1. Bell and Spigot Joints - Joints shall be with rubber rings to manufacturer's recommendations.
2. Bolted Joints - Material for bolted joints shall consist of bolts, nuts, washers and gaskets of a type and size to conform to the recommendations of the pipe manufacturer.

B. Fire protection piping above grade, inside building, shall be black schedule 40 steel pipe. Fittings, generally, shall be UL approved, Victaulic pipe fittings and Victaulic Style 77 couplings on 3 inches and larger sizes. Where a rigid coupling is required use Victaulic Style 07. All fittings and couplings shall be screwed for pipe 2½" or smaller. All Victaulic Style 77 couplings shall have housing fabricated in two or more malleable iron castings; coupling gasket shall be Victaulic Grade "E" molded synthetic rubber; coupling bolts shall be oval neck track head type. Victaulic fittings shall be fabricated of malleable iron casting in accordance with ASTM A-47.

C. Pipe and tubing exceptions of NFPA 13, 2-3.5 and 2-4.2 shall not be accepted in the fire protection system.

2.02 SUPPORTS, ANCHORS AND SEALS

A. Requirements for fire protection system shall comply with requirements under Section 21 0548.

2.03 VALVES

A. Fire protection system gate valves 2 inches and smaller shall be UL/FM approved, Class 200, solid wedge disc, OS&Y pattern, yoke bonnet, threaded, best grade brass, Stockham No. B-133, or Kennedy Fig. 65, or Milwaukee No. BB-SCS. Gate valves 2-1/2 inches and larger shall be UL/FM approved, Class 200, solid wedge disc, OS&Y pattern, cast iron body and bonnet, bronze trim, flanged injection type stuffing box, Stockham No. G-634, Kennedy Fig. 68, or Mueller No. A-2073-6.

B. Fire protection system check-valves 2-1/2 inches and smaller shall be Stockham No. B-319, Milwaukee No. 509, or Hammond No. 1B904. Check valves 3 inches and larger shall be UL.FM approved, swing check, bolted cap, high strength cast iron body and cap, bronze trim flanges, Stockham No. G-939, or Kennedy No. 126.

C. Alarm check valve shall be Viking Model "G-1", Reliable Model E, or approved equal. The valve shall be equipped to give signal upon operation and be provided with standard trimmings, including pressure gage, retarding chamber, testing by-pass, and necessary pipe fittings and accessories required for complete installation. Retarding chamber to be provided with closed system with suitable drain outside. (Field verify and furnish equipment only as required.)

2.04 ORIGIN

A. Unless specifically specified otherwise, all material and products shall be manufactured in the United States of America.

PART 3 EXECUTION

3.01 All joining materials for ductile iron pipe shall be of a type, make and quality approved by the Architect and shall conform to the following requirements:

A. Material for bolted joints shall consist of bolts, nuts, washers and gaskets of a type and size to conform to the recommendations of the pipe manufacturers.

B. Polyethylene material in the form of flat sheet or rolls shall be placed around all mechanical joints of pipe and fittings; all valves and fire hydrants with mechanical joint ends and all saddles, sleeves, couplings, tapping saddles and any other appurtenances with exposed bolts. It is not the intent that the material form an enclosure that is absolutely air or water tight, but to prevent pipe to soil contact.

1. The sheet shall be passed under the appurtenances and brought up around the body. Seams shall be made by bringing the edges together, folding over twice, and taping down. Tape polyethylene securely in place at valve stem and other penetrations.
2. Openings for branches, service taps, blowoffs, air valves, and similar appurtenances shall be made by making an X-shaped cut in the polyethylene and temporarily folding the film back. After the appurtenance is installed, tape the slack securely to the appurtenance and repair the cut, as well as any other damaged areas in the polyethylene with tape.
3. Where polyethylene wrapped pipe joints a pipe which is not wrapped, extend the

polyethylene tube to cover the unwrapped pipe a distance of at least 2 feet and secure the end.

4. The polyethylene material shall be secured around the pipe and appurtenances by at least three (3) circumferential wraps of tape.
5. Polyethylene material shall be stored on the job site in such manner that it is not exposed to direct sunlight. Exposure during installation shall not exceed 48 hours.
6. Backfill material shall be the same as specified for pipe without polyethylene wrapping. Special care shall be taken to prevent damage to the polyethylene wrapping when placing backfill. Backfill material shall be free from cinders, refuse, boulders, rocks, stones, and/or other material that could damage polyethylene.

3.02 Prior to connecting to the overhead piping, the underground main should be flushed in the presence of a representative of the Owner and meet with his approval.

3.03 Piping in the areas having ceiling shall be concealed. Where ceilings have grids, sprinkler heads shall be centered with the grid. Piping in other areas may be exposed, but kept at a minimum distance from structural system. All piping shall be free of rust, clean and have a minimum of one (1) shop coat of clear rust inhibiting paint or a color as selected by Architect.

3.04 Valves shall be complete with all necessary items, fittings, identification tags or plates, and accessories, including water motor gong. Design shall allow for suitable drainage of same.

3.05 Where piping passes through walls, floors, ceilings or other building construction, sleeves must be used. Where exposed piping passes through finish work escutcheons shall be chrome plated or other finish acceptable to the Architect. Split wall plates or escutcheons shall be installed to fit snugly around piping. Where finish is not a problem, suitable plates shall be provided at each hole to assure effectiveness of construction as a fire stop.

3.06 Before assembly of couplings, lightly coat pipe ends and outside of gaskets with cup grease or graphite paste.

3.07 Pipe grooving shall be in accordance with the manufacturer's specifications contained in latest published literature.

3.08 OS&Y valves, where shown on the drawings, shall be electrically supervised with tamper switch wired to alarm bell at central panel. Coordinate wiring with valve and controls.

3.09 All openings for piping should be anticipated and indicated on the approved and accepted shop drawings. Any additional cutting of openings must have the written approval of the Architect.

3.10 After completion of all installations, tests, etc., and prior to the building opening date, the fire protection contractor shall instruct the Owner in the operation of the fire protection system. Special care shall be taken to make sure the Owner:

A. Will immediately recognize whether the main valve is in an open or closed position.

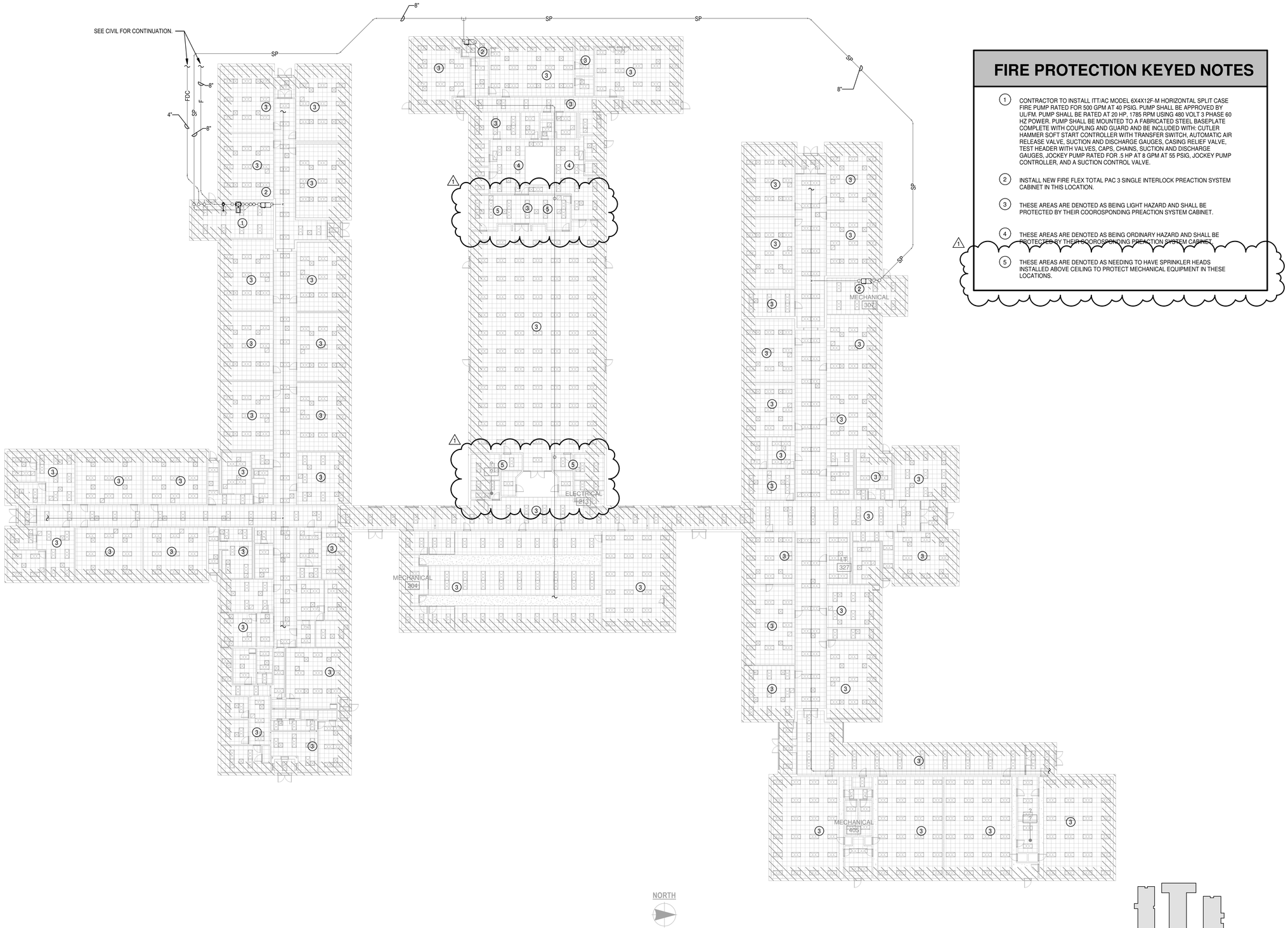
B. Will know how to drain the system.

C. Will know how to test the alarm valve.

D. Will know how to reset all systems and how they are interconnected.

3.12 Testing of the fire protection system shall be as outlined in hereinbefore listed NFPA Standards.

END OF SECTION



FIRE PROTECTION KEYED NOTES

1. CONTRACTOR TO INSTALL ITT/AC MODEL 6X4X12F-M HORIZONTAL SPLIT CASE FIRE PUMP RATED FOR 500 GPM AT 40 PSIG. PUMP SHALL BE APPROVED BY UL/FM. PUMP SHALL BE RATED AT 20 HP, 1785 RPM USING 480 VOLT 3 PHASE 60 HZ POWER. PUMP SHALL BE MOUNTED TO A FABRICATED STEEL BASEPLATE COMPLETE WITH COUPLING AND GUARD AND BE INCLUDED WITH: CUTLER HAMMER SOFT START CONTROLLER WITH TRANSFER SWITCH, AUTOMATIC AIR RELEASE VALVE, SUCTION AND DISCHARGE GAUGES, CASING RELIEF VALVE, TEST HEADER WITH VALVES, CAPS, CHAINS, SUCTION AND DISCHARGE GAUGES, JOCKEY PUMP RATED FOR .5 HP AT 8 GPM AT 55 PSIG, JOCKEY PUMP CONTROLLER, AND A SUCTION CONTROL VALVE.
2. INSTALL NEW FIRE FLEX TOTAL PAC 3 SINGLE INTERLOCK PREACTION SYSTEM CABINET IN THIS LOCATION.
3. THESE AREAS ARE DENOTED AS BEING LIGHT HAZARD AND SHALL BE PROTECTED BY THEIR COOROSPONDING PREACTION SYSTEM CABINET.
4. THESE AREAS ARE DENOTED AS BEING ORDINARY HAZARD AND SHALL BE PROTECTED BY THEIR COOROSPONDING PREACTION SYSTEM CABINET.
5. THESE AREAS ARE DENOTED AS NEEDING TO HAVE SPRINKLER HEADS INSTALLED ABOVE CEILING TO PROTECT MECHANICAL EQUIPMENT IN THESE LOCATIONS.

1 OVERALL FLOOR PLAN - FIRE PROTECTION
1" = 20'-0"

KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School Systems Replacement

FACILITIES #2526-5605-001

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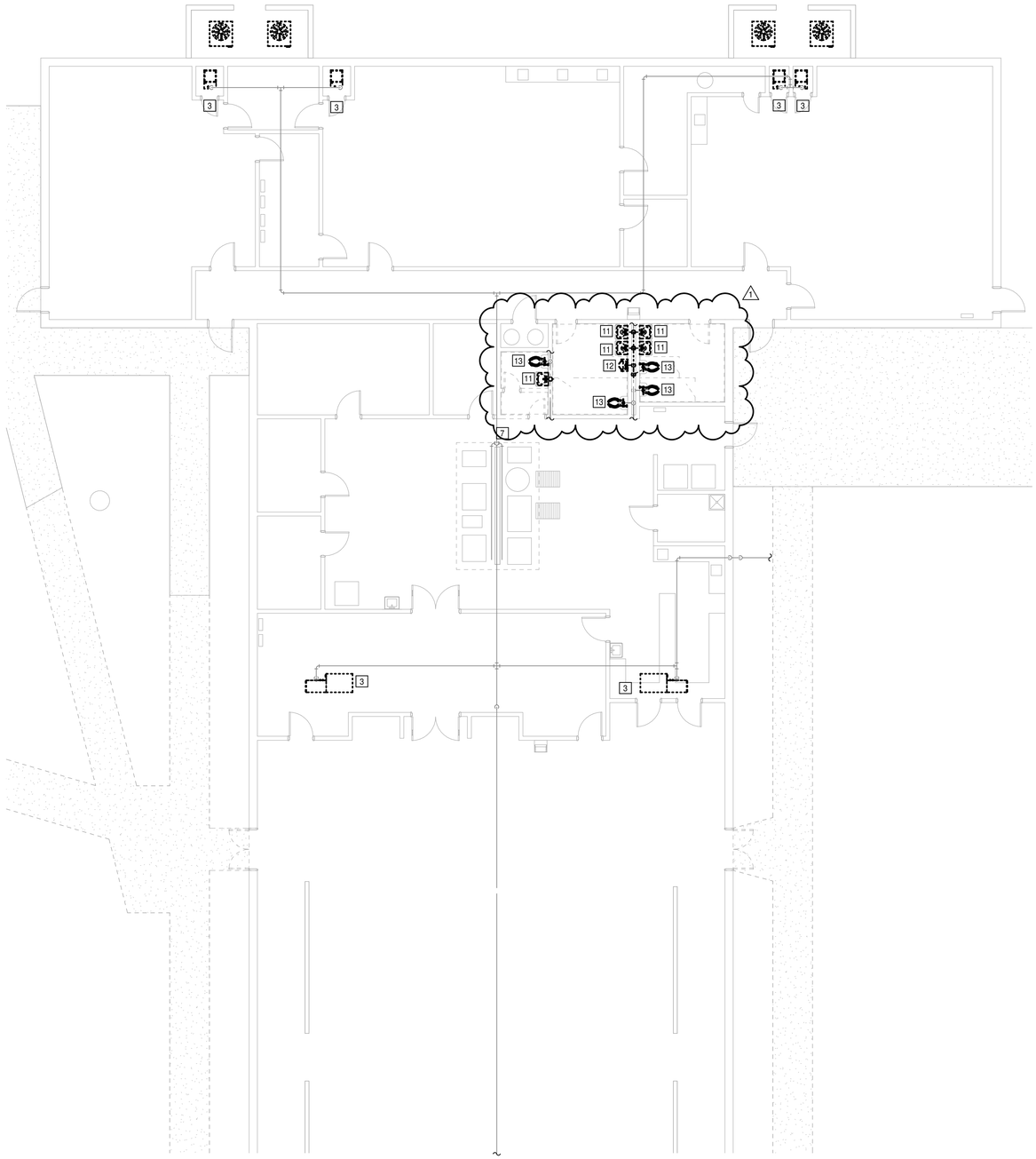
No. 15166
JEREMY JAMES PETTIT
3-20-26

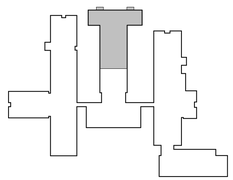
Sheet Name: OVERALL FLOOR PLAN - FIRE PROTECTION	
Project No: 1631	Date: 3/20/26
Sheet No: F101	



1 DEMOLITION PLAN AREA 'D' - PLUMBING
1/8" = 1'-0"

PLUMBING DEMOLITION KEYED NOTES

1. EXISTING SANITARY SEWER BELOW SLAB TO BE RE-USED AND PREPPED FOR CIPP LINER.
2. EXISTING FIXTURE TO BE REMOVED. DEMOLISH ALL ASSOCIATED SANITARY SEWER AND VENT PIPING. ROD, CLEAN, PREP, AND REPAIR ALL EXISTING WATER LINES IN PREPARATION FOR CONNECTION TO NEW FIXTURES. EXISTING PLUMBING PIPING TO REMAIN MUST BE DEMOLISHED BACK TO INSIDE OF WALLS AND BELOW FLOORS. COORDINATE WITH ARCHITECTURAL PLANS FOR ALL WALL, FLOOR, AND CEILING REPAIRS.
3. EXISTING FURNACE TO BE DEMOLISHED (SEE MECH SHEETS). DISCONNECT EXISTING GAS PIPING AND ROD, CLEAN, AND REPAIR ALL EXISTING GAS PIPING IN PREPARATION FOR CONNECTION TO NEW FURNACES TO BE INSTALLED IN EXISTING FURNACE LOCATIONS.
4. AREAS DENOTED BY HATCHING ARE AREAS WHERE THE SLAB MUST BE SAW CUT AND ALL EXISTING PLUMBING PIPING BELOW GRADE MUST BE EXPOSED.
5. EXISTING SANITARY SEWER PIPING BELOW GRADE TO BE CONTINUED ON CIVIL DRAWINGS.
6. EXISTING SANITARY SEWER PIPING BELOW GRADE TO BE ABANDONED IN PLACE. DEMOLISH TO BELOW GRADE AND CAP. COORDINATE ALL FLOOR AND WALL REPAIR WITH ARCHITECTURAL PLANS.
7. DISCONNECT EXISTING GAS PIPING FROM EXISTING VENT HOOD IN THIS LOCATION. PREPARE ALL EXISTING PIPING FOR CONNECTIONS TO NEW VENT HOOD.
8. EXISTING GAS FIRED BOILER IN THIS ROOM TO REMAIN. CONTRACTOR TO DISCONNECT AND DEMOLISH ALL EXISTING GAS PIPING TO OUTSIDE OF ROOM AND CAP. CONTRACTOR TO FIELD VERIFY EXISTING GAS PIPING SIZE AND LOCATIONS PRIOR TO DEMOLITION.
9. EXISTING GAS FIRED EQUIPMENT TO BE DEMOLISHED. DISCONNECT EXISTING GAS PIPING, DEMOLISH EXISTING GAS PIPING BACK TO MAIN AND CAP. CONTRACTOR TO FIELD VERIFY EXACT GAS PIPING ROUTING AND LOCATION PRIOR TO DEMOLITION.
10. EXISTING WATER LINE ABOVE CEILING TO BE DEMOLISHED BACK TO MAIN AND CAP. CONTRACTOR TO FIELD VERIFY EXACT PIPE ROUTING AND CONNECTIONS PRIOR TO DEMOLITION.
11. EXISTING LAVATORY AND ALL ASSOCIATED SANITARY SEWER AND VENT PIPING TO BE DEMOLISHED BACK TO BRANCH LINES ABOVE AND BELOW. ROD, CLEAN, AND REPAIR OR REPLACE ALL EXISTING SANITARY SEWER AND VENT PIPING IN PREPERATION FOR CONNECTION TO NEW PIPING IN THIS LOCATION. EXISTING WATER SUPPLIES TO BE DEMOLISHED BACK TO INSIDE OF WALLS AND CAPPED.
12. EXISTING URINAL AND ALL ASSOCIATED SANITARY SEWER AND VENT PIPING TO BE DEMOLISHED BACK TO BRANCH LINES ABOVE AND BELOW. ROD, CLEAN, AND REPAIR OR REPLACE ALL EXISTING SANITARY SEWER AND VENT PIPING IN PREPERATION FOR CONNECTION TO NEW PIPING IN THIS LOCATION. EXISTING WATER SUPPLY TO BE DEMOLISHED BACK TO INSIDE OF WALL AND CAPPED
13. EXISTING WATER CLOSET TO BE DEMOLISHED AND HAVE ALL ASSOCIATED PIPING RODDED, CLEANED, AND REPAIRED OR REPLACED IN PREPARATION FOR NEW WATER CLOSET TO BE INSTALLED IN THIS LOCATION.



KEYPLAN

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 15166 JEREMY JAMES HAGER 3-20-26

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
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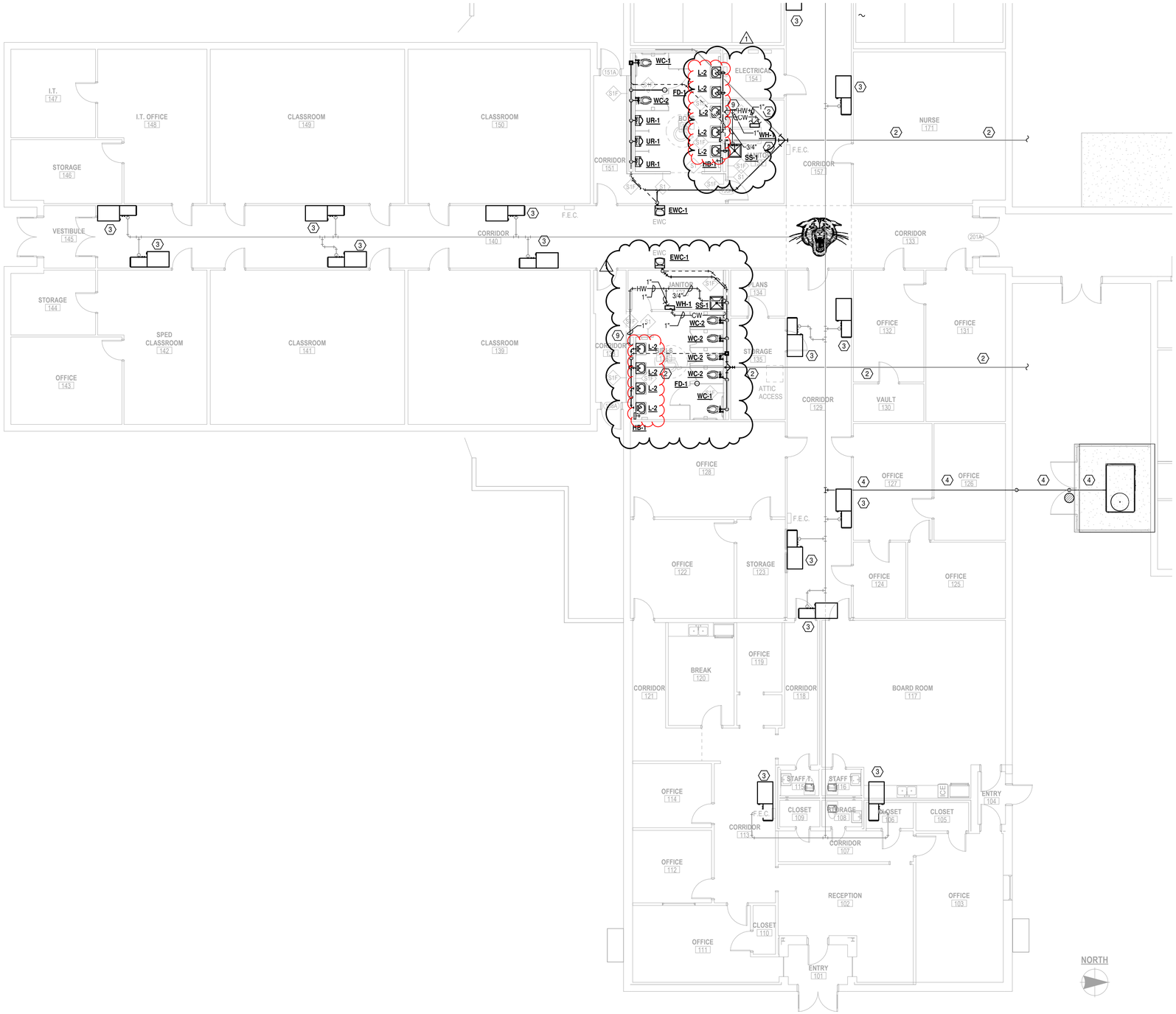
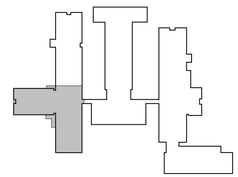
Sheet Name: DEMOLITION PLAN AREA 'D' - PLUMBING	
Project No: 1631	Date: 3/20/26
Sheet No: P004	



PLUMBING KEYED NOTES

1. EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING TO REMAIN. CONTRACTOR TO TAKE MEASURES FOR PROTECTING THE EXISTING FIXTURES FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION. WATER CLOSETS MAY HAVE TO BE REMOVED AND SET ASIDE FOR REINSTALL DURING CIPP LINER PROCESS.
2. ANY EXISTING SANITARY SEWER BRANCH PIPING THAT IS ACTIVE AND REQUIRED TO REMAIN IN SERVICE SHALL BE RE-LINED UTILIZING CIPP AND RECONNECTED TO THE NEW SANITARY SEWER MAIN.
3. NEW GAS FIRED FURNACE TO BE INSTALLED IN EXISTING GAS FIRED FURNACE LOCATION. RECONNECT EXISTING GAS PIPING TO NEW FURNACE.
4. ROUTE NEW GAS PIPING TO SERVE NEW GAS FIRED MECHANICAL EQUIPMENT OUTSIDE. CONNECT NEW GAS PIPING TO EXISTING GAS PIPING ABOVE CEILING AND PAINT ALL EXPOSED PIPING IN TWO COATS OF EPOXY PAINT IN A COLOR SELECTED BY THE ARCHITECT. SUPPLY GAS REGULATORS WHERE REQUIRED TO SUPPLY OZ PRESSURE TO THE GAS FIRED EQUIPMENT.
5. EXISTING ART ROOM SINK TO REMAIN. INSTALL NEW WADE MODEL 5740 SOLIDS INTERCEPTOR.
6. NEW FIXTURE TO BE INSTALLED IN EXISTING FIXTURE LOCATION.
7. NEW LAVATORY TO BE INSTALLED IN THIS LOCATION. CONNECT NEW 2" SANITARY SEWER PIPING BELOW GRADE TO EXISTING SANITARY SEWER PIPING IN THIS LOCATION. CONNECT NEW 2" VENT PIPING IN WALLS AND ABOVE CEILING TO EXISTING VENT PIPING IN THIS LOCATION. CONNECT TO EXISTING HOT AND COLD WATER LINES IN WALL IN THIS LOCATION.
8. NEW URINAL TO BE INSTALLED IN THIS LOCATION. CONNECT NEW 2" SANITARY SEWER PIPING TO EXISTING SANITARY SEWER LINE BELOW SLAB. ROUTE NEW 2" VENT LINE UP IN WALL TO ABOVE CEILING AND CONNECT TO EXISTING VENT PIPING IN THIS LOCATION. ROUTE NEW COLD WATER LINE OVER IN WALL AND CONNECT TO EXISTING COLD WATER LINE SERVING THE EXISTING WATER CLOSET IN STAFF T. 236.
9. ROUTE NEW 1" HW HEADER IN WALL AT THIS LOCATION AND PROVIDE 1/2" HW DROPS TO EACH LAVATORY. ROUTE NEW 1" CW LINE TO SERVE WH-1 FROM NEAREST CW MAIN.

1 FLOOR PLAN AREA 'A' - PLUMBING
1/8" = 1'-0"



KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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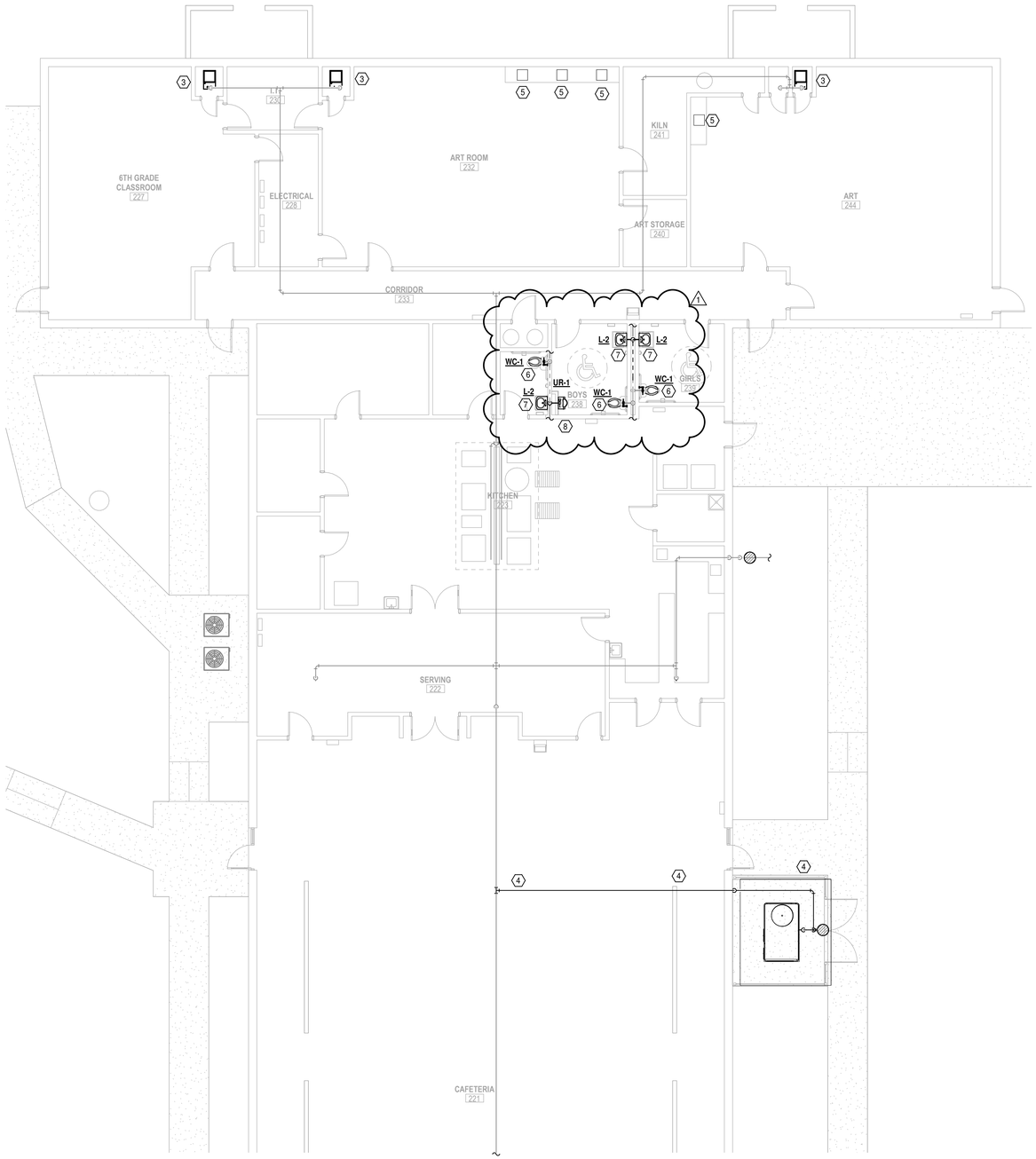
JERRY JAMES JAGGERS
3-20-26

Sheet Name:	FLOOR PLAN AREA 'A' - PLUMBING
Project No: 1631	Date: 3/20/26
Sheet No:	P101



1 FLOOR PLAN AREA 'D' - PLUMBING
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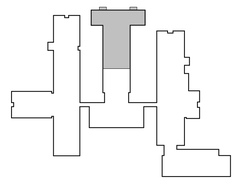

KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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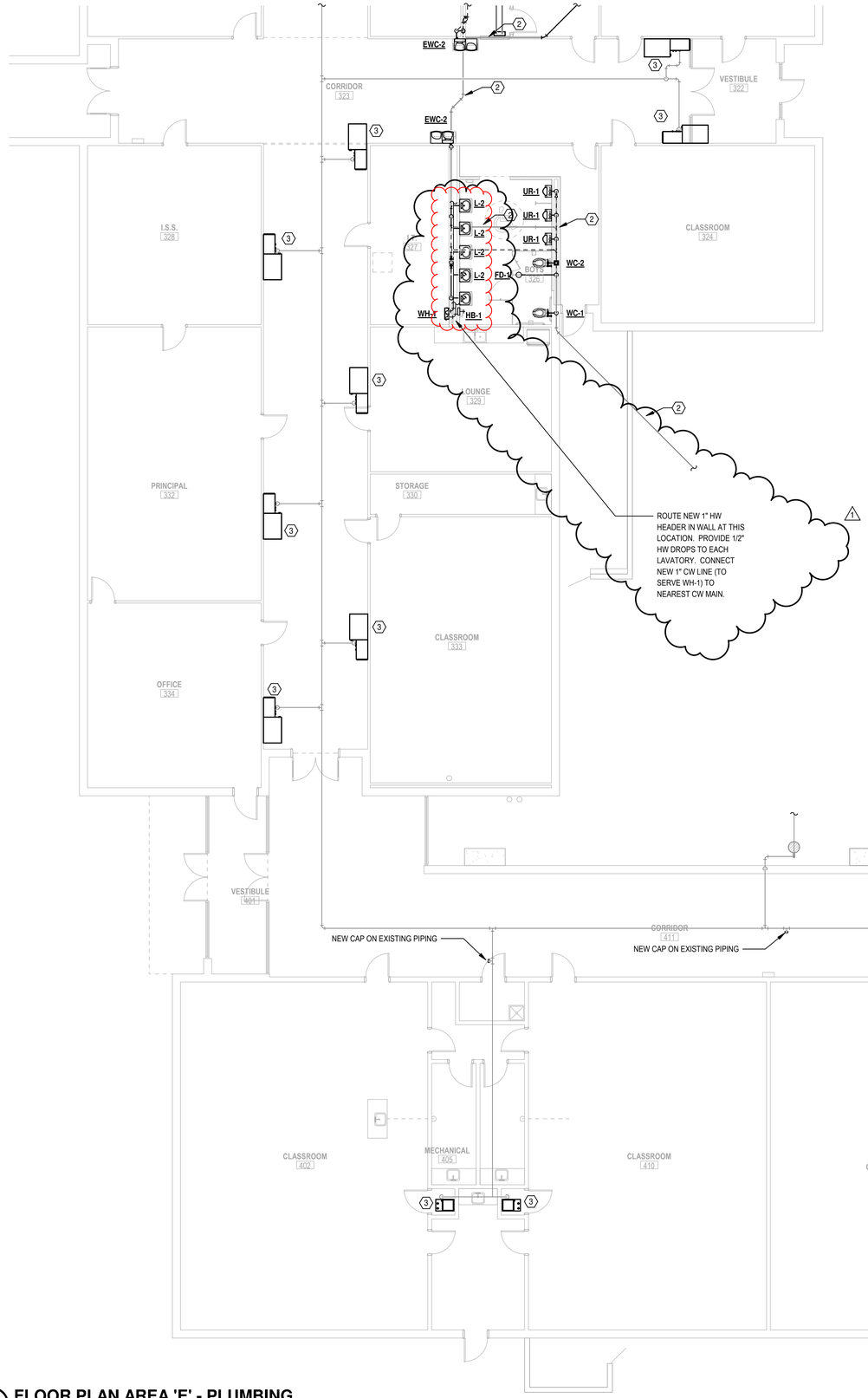
No. 15166
JERRY JAMES JACKS
3-20-26

Sheet Name: FLOOR PLAN AREA 'D' - PLUMBING
Project No: 1631
Date: 3/20/26
Sheet No: P104



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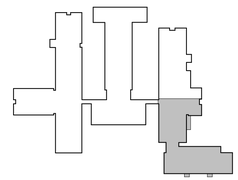
1 **FLOOR PLAN AREA 'E' - PLUMBING**
1/8" = 1'-0"



KEYPLAN

Revisions:

#	Date	Description
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3-20-26

Sheet Name: FLOOR PLAN AREA 'E' - PLUMBING	
Project No: 1631	Date: 3/20/26
Sheet No: P105	

1 FLOOR PLAN AREA 'F' - PLUMBING

1/8" = 1'-0"

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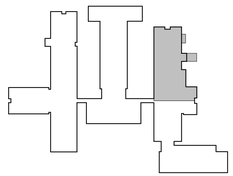

KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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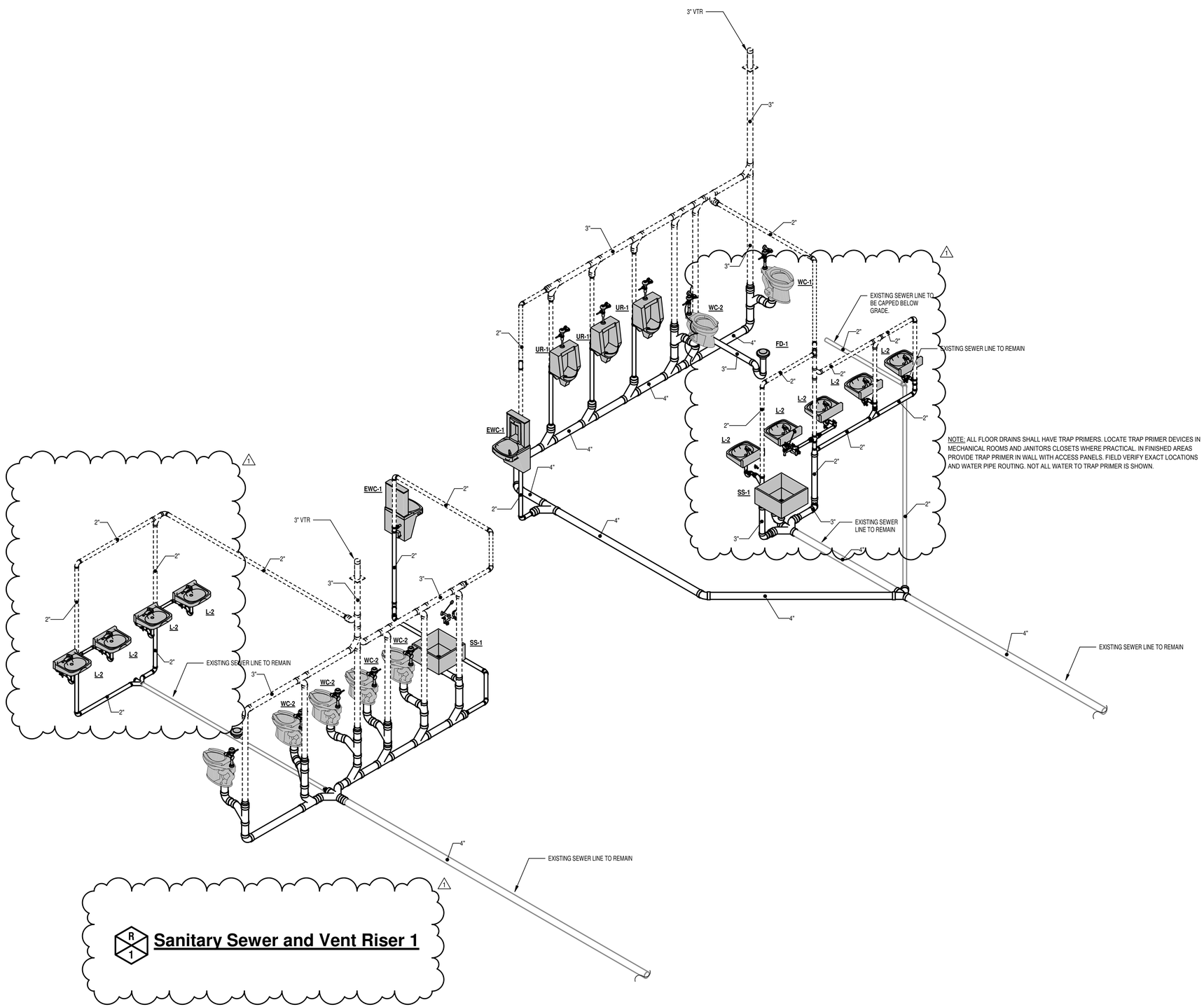
JEREMY JAMES JACKS
3-20-26

Sheet Name: FLOOR PLAN AREA 'F' - PLUMBING	
Project No: 1631	Date: 3/20/26
Sheet No: P106	



R 1 **Sanitary Sewer and Vent Riser 1**

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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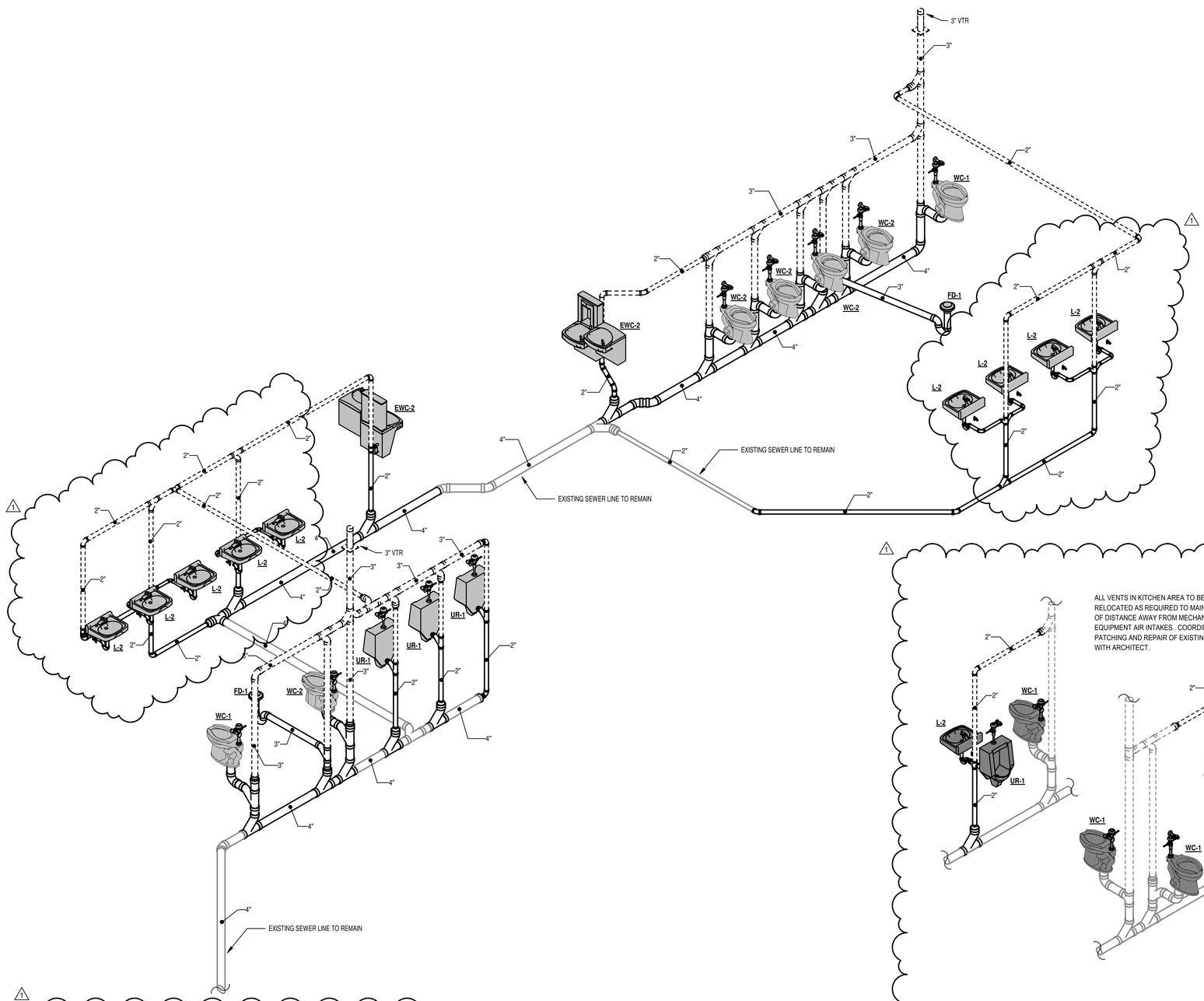
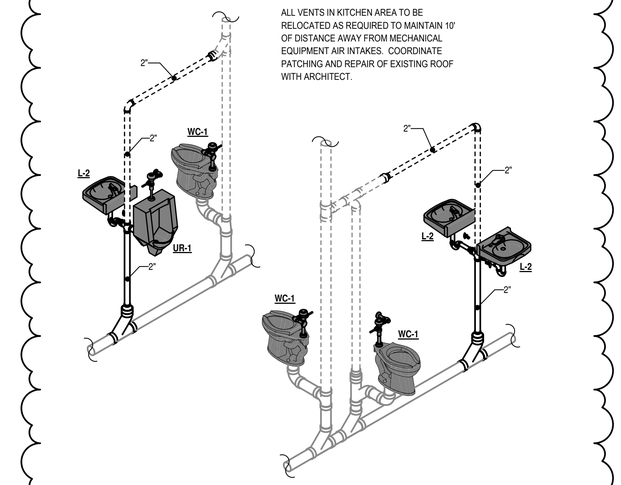
JERRY JAMES JACKS
3-20-26

Sheet Name: PLUMBING RISERS	
Project No: 1631	Date: 3/20/26
Sheet No: P301	



Sanitary Sewer and Vent Riser 2



Sanitary Sewer and Vent Riser 3

NOTE: ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS. LOCATE TRAP PRIMER DEVICES IN MECHANICAL ROOMS AND JANITORS CLOSETS WHERE PRACTICAL. IN FINISHED AREAS PROVIDE TRAP PRIMER IN WALL WITH ACCESS PANELS. FIELD VERIFY EXACT LOCATIONS AND WATER PIPE ROUTING. NOT ALL WATER TO TRAP PRIMER IS SHOWN.

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 16166
JERRY JAMES JACKS
3-20-26

Sheet Name: PLUMBING RISERS	
Project No: 1631	Date: 3/20/26
Sheet No: P302	

EQUIPMENT (BY OTHERS) - ROUGH IN AND MAKE FINAL CONNECTIONS FOR EQUIPMENT AS INDICATED ON PLANS. FURNISH MCGUIRE, ZURN, OR KOHLER STRAIGHT STOP, (1/2" IPS) OR FEMALE INLET AND OUTLET AND POLISHED CHROMIUM PLATED CAST BRASS, MCGUIRE HEAVY-DUTY (1 1/4" OR 1 1/2") P-TRAP WITH CLEANOUT AND OTHER TRIM AS INDICATED ON PLANS. ALL EXPOSED PIPING SHALL BE CHROME PLATED AND ESCUTCHEONS SHALL BE C.P. CAST BRASS SET SCREW TYPE.

PLUMBING FIXTURE SCHEDULE

TYPE MARK	- MANUFACTURER -	- MODEL -	- DESCRIPTION -	- ADA COMPLIANT -	- TRIM -	- SUPPLIES -	- TRAP -	- SUPPORT -	- REMARKS -
EWC-1	OASIS INTERNATIONAL	PG8FSBF	VERSACOOLER II (WITH VERSAFILTER SYSTEM) SHALL DELIVER 8 GALLONS OF 50 DEGREE F WATER AT 80 DEGREE INLET WATER AND 90 DEGREE F AMBIENT. BUBBLERS SHALL BE CHROME-PLATED BRASS (OR STAINLESS STEEL) AND BUILT IN REGULATOR TO DELIVER SMOOTH READY STREAM AT SUPPLY PRESSURES FROM 20 TO 125 PSI. MODEL SHALL INCLUDE PGBAC AND 'VERSAFILLER' SPORTS BOTTLE FILLER WITH HANDS FREE ACTIVATION. COOLER TOP SHALL BE 304 STAINLESS STEEL WITH ANTI-SPLASH DESIGN. COOLER FRAME SHALL BE 16-GAGE WELDED STEEL AND PRIME COATED FOR CORROSION PROTECTION. CABINET FINISH SHALL BE BRUSHED STAINLESS STEEL. WATER COOLER SHALL HAVE 5-YEAR WARRANTY ON SEALED REFRIGERATION SYSTEM AND MOST COMPONENT PARTS.	YES	MCGUIRE LFST17K	MCGUIRE H-ST12LK HEAVY CAST BRASS STRAIGHT STOP WITH LOOSE KEY HANDLE, 1/2 INCH SIZE.	MCGUIRE 8088	ZURN Z-1225 'RIGID PLATE SYSTEM' HAVING STEEL UPRIGHTS WITH SUPPORT PLATES, AND BEARING JACKS MOUNTED ON ADJUSTABLE HEADER.	
EWC-2	ELKAY	LZSTL8WSSK	BOTTLE FILLING STATION AND BI-LEVEL ADA COOLER FILTERED REFRIGERATED STAINLESS. CHILLING CAPACITY OF 8.0 GPH OF 50 DEGREE F DRINKING WATER, BASED ON 80 DEGREE F INLET WATER AND 90 DEGREE F AMBIENT PER ASHRAE 18 TESTING. ANTIMICROBIAL, FILTERED, HANDS FREE, LAMINAR FLOW, ELECTRONIC BOTTLE FILLER SENSOR WITH ELECTRONIC FRONT AND SIDE BUBBLER PUSHBAR ACTIVATION, WALL MOUNT.	YES	MCGUIRE LFST17K	MCGUIRE H-ST12LK HEAVY CAST BRASS STRAIGHT STOP WITH LOOSE KEY HANDLE, 1/2 INCH SIZE.	MCGUIRE 8088	WADE 403 DRINKING FOUNTAIN / WATER COOLER CARRIER	
L-2	KOHLER	K-2005	KINGSTON WALL MOUNTED LAVATORY, 21-1/4 INCH BY 18-1/8 INCH SIZE, VITREOUS CHINA, 4 INCH CENTERS, RECTANGULAR BASIN, WITH OVERFLOW.	YES	DELTA MODEL 501-LF-HDF, DECK MOUNTED SINGLE LEVER VANDAL RESISTANT FAUCET, SOLID BRASS BODY, VANDAL RESISTANT LEVER HANDLE AND AERATOR, CERAMIC CARTRIDGE WITH ADJUSTABLE HANDLE LIMIT STOP, MCGUIRE 155-A DRAIN WITH PERFORATED STRAINER AND 1-1/4 INCH TAILPIECE, ACORN T-70 THERMOSTATIC MIXING VALVE.	MCGUIRE H2167LK 1/2 INCH IPS HEAVY CAST BRASS ANGLE STOP, LOOSE KEY HANDLE, ANNEALED VERTICAL TUBE, CHROME PLATED CAST BRASS SET SCREW ESCUTCHEON, C.P. BRASS NIPPLE TO WALL.	MCGUIRE 8872 (1-1/4 INCH) POLISHED CHROME PLATED CAST BRASS ADJUSTABLE 'P' TRAP WITH CLEANOUT AND 17-GAGE TUBING TO WALL WITH CHROME PLATED CAST BRASS SET SCREW ESCUTCHEON.	WADE 520 CONCEALED ARM CARRIER HAVING STEEL UPRIGHTS WITH ADJUSTABLE HEADERS.	NOTE: ALL EXPOSED SUPPLY (HOT AND COLD WATER) AND DRAIN PIPING SHALL BE INSULATED TO MEET ADA REQUIREMENTS. P-TRAP AND ANGLE VALVE ASSEMBLIES SHALL BE COVERED WITH MOLDED, ANTI-MICROBIAL TRUEBRO, INC. 'LAV-GUARD' MODEL #102 (VERIFY EXACT MODEL REQUIRED). COLOR GREY. COVER SHALL BE SECURED WITH SNAP-CLIPS. ANGLE STOPS SHALL HAVE LOCK-LID ACCESS COVERS.
SS-1	STERN WILLIAMS	SB-900	'SERVICEPTOR' MOP SINK, 24 INCH X 24 INCH X 12 INCH, PRECAST TERRAZZO, WITH ONE PIECE STAINLESS STEEL CAST INTEGRAL CAP ON ALL FOUR SIDES AND INTEGRAL CAST BRASS DRAIN WITH 3-S, STRAINER, 3 INCH OUTLET. PROVIDE T-40 MOP HANGER, 'T-35' HOSE, AND 'BP' STAINLESS STEEL BACK SPLASH PANELS.		T&S B-0665-BSTP FAUCET, POLISHED CHROME FINISH, INTEGRAL STOPS, TOP BRACE, LEVER HANDLES, VACUUM BREAKER, 8 INCH CENTERS.		CAST IRON 3 INCH SIZE, DEEP SEAL TYPE BELOW FLOOR.	FLOOR MOUNTED	
UR-1	KOHLER	K-4991-ET	BARDON™ URINAL, VITREOUS CHINA, WASH OUT WITH 3/4 INCH TOP SPUD, 0.5 GPF, EXTENDED RIM.	YES	SLOAN 186-0.5-YB-YC 'REGAL' EXPOSED FLUSH VALVE, NON-HOLD OPEN HANDLE, 1 INCH I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, 1-1/2 INCH TOP SPUD, SWEAT SOLDER ADAPTOR, CAST WALL FLANGE WITH SET SCREW, SOLID RING PIPE SUPPORT AND 0.5 GALLON FLUSH CYCLE.		INTEGRAL WITH FIXTURE	ZURN Z-1222 'RIGID PLATE SYSTEM' HAVING STEEL UPRIGHTS WITH SUPPORT PLATES, AND BEARING JACKS ON ADJUSTABLE HEADERS.	24 INCH STANDARD INSTALLATION, 17 INCH MAX ADA INSTALLATION.
WC-1	KOHLER	K-96057	HIGHCLIFF' ULTRA, VITREOUS CHINA, SIPHON JET, 1.6 GPF, 12 INCH ROUGH IN, ELONGATED RIM, FLOOR MOUNTED, 1-1/2 INCH TOP SPUD BOWL, BOLT CAPS. OLSONITE 95-SS 'INDUSTRIAL' SEAT- FINISH WHITE, EXTRA HEAVY DUTY PLASTIC FOR ELONGATED BOWL, OPEN FRONT WITH CONCEALED CHECK HINGE, SELF-SUSTAINING FEATURE AND STAINLESS STEEL HINGE POST.	YES	SLOAN 111-1.28-XL "REGAL" EXPOSED FLUSH VALVE, ANGLE STOP, VACUUM BREAKER, 1-1/2" TOP SPUD - 1.28 GPF, WALL FLANGE, SET SCREW.		INTEGRAL WITH FIXTURE	FLOOR MOUNTED	PROVIDE SLOAN MODEL VBF-72-A VACUUM BREAKER TRAP PRIMER ACCESSORY AS REQUIRED IN RESTROOMS WITH FLOOR DRAIN.
WC-2	KOHLER	K-96053	WELLCOMME' ULTRA, VITREOUS CHINA, SIPHON JET, 1.6 GPF, 12 INCH ROUGH IN, ELONGATED RIM, FLOOR MOUNTED, 1-1/2 INCH TOP SPUD BOWL, BOLT CAPS. OLSONITE 95-SS 'INDUSTRIAL' SEAT- FINISH WHITE, EXTRA HEAVY DUTY PLASTIC FOR ELONGATED BOWL, OPEN FRONT WITH CONCEALED CHECK HINGE, SELF-SUSTAINING FEATURE AND STAINLESS STEEL HINGE POST.	NO	SLOAN 111-1.28-XL "REGAL" EXPOSED FLUSH VALVE, ANGLE STOP, VACUUM BREAKER, 1-1/2" TOP SPUD - 1.28 GPF, WALL FLANGE, SET SCREW.		INTEGRAL WITH FIXTURE	FLOOR MOUNTED	

PLUMBING SPECIALTIES

TYPE MARK	- MANUFACTURER -	- MODEL -	- DESCRIPTION -	- REMARKS -
FD-1	ZURN	ZN-415B-P-VP	CAST IRON DRAIN, 7" POLISHED NICKEL BRONZE "TYPE B" STRAINER, ADJUSTABLE COLLAR WITH SEEPAGE SLOTS, 1/2" TRAP PRIMER CONNECTION.	TYPICAL TOILET DRAIN. VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS. ALL FLOOR DRAINS SHALL BE ACCESSORIZED FOR VANDAL PROOF INSTALLATION AND SHALL HAVE TRAP PRIMERS.
HB-1	WOODFORD MANUFACTURING COMPANY	B79	WALL HYDRANT, BOX TYPE, WITH ASSE 12052 HIGH FLOW DOUBLE CHECK BACKFLOW PREVENTER, 3/4 INCH INLET AND OUTLET. 360 DEGREE INLET ORIENTATION. POLISHED BRASS FINISH. LOOSE KEY.	

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WATER HEATER (WH-1) TO BE CHRONOMITE MODEL ER-90L/208_3P LOW FLOW ACTIVATION. PROVIDE WITH Y STRAINER, FUSED DISCONNECT SWITCH, AND NEMA 4X 316 CABINET IN 30"X24"X8.75" SIZE.

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
221 N. Pine Ave. Trumann, Arkansas 72472

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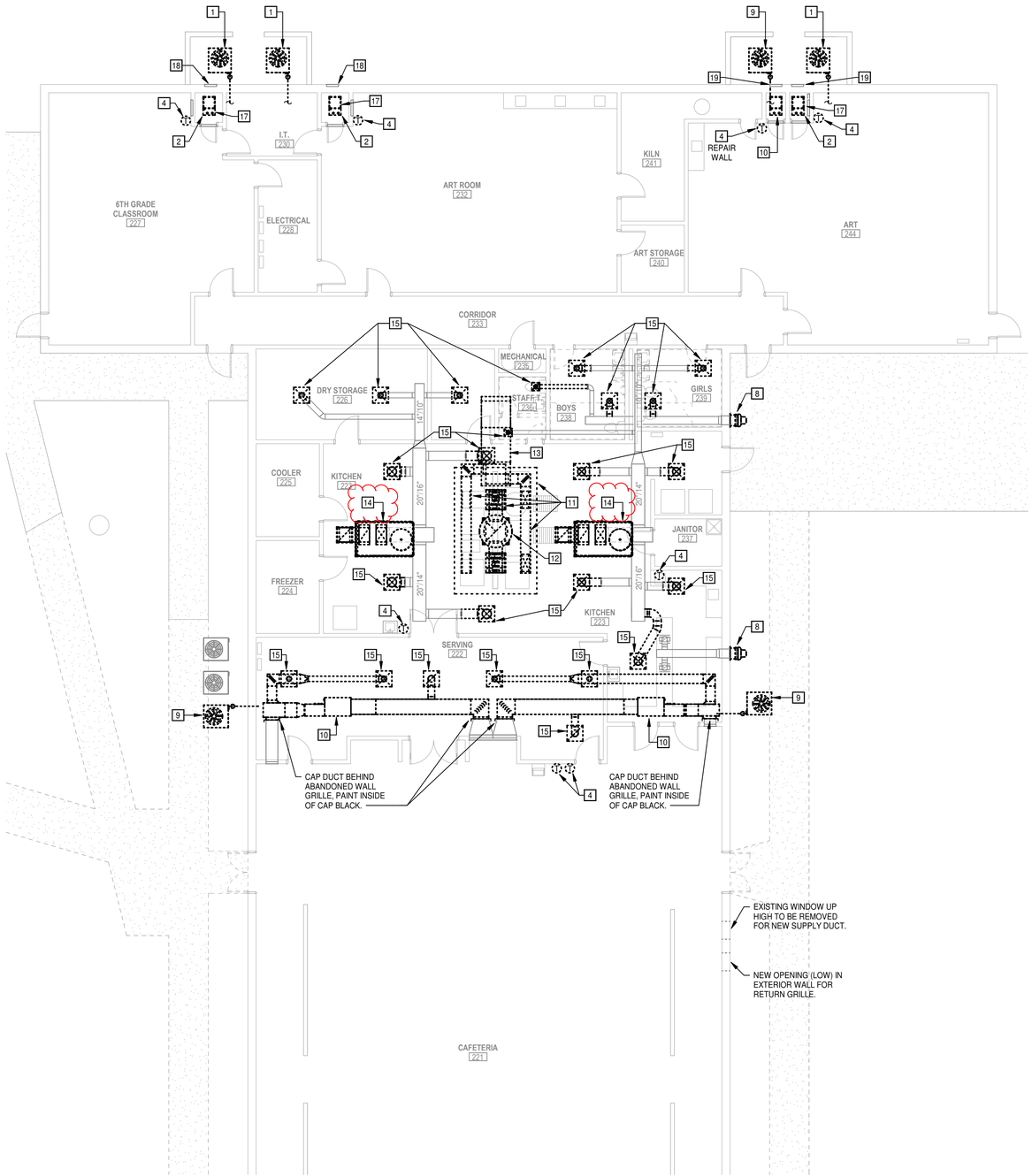
Sheet Name: PLUMBING SCHEDULES
Project No: 1631
Date: 3/20/26
Sheet No: P401



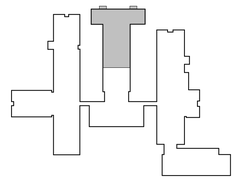
1 **DEMOLITION PLAN AREA 'D' - HVAC**
1/8" = 1'-0"

HVAC GENERAL DEMOLITION NOTES

1. ALL LIGHTER SOLID LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO REMAIN.
2. ALL DARKER DASHED LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED.
3. FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING ITEMS SHOWN ON THIS PLAN THAT ARE TO BE CONNECTED TO.
4. SEE ARCHITECTURAL PLANS FOR REMOVAL AND REPLACEMENT OF CEILINGS.
5. ALL EXISTING FURNACE FLUES AND OR FLUE CAPS THRU ROOF ARE TO BE REMOVED OR MODIFIED AS REQUIRED TO INSTALL NEW CONCENTRIC VENT KITS FOR NEW FURNACES. COORDINATE WITH GENERAL CONTRACTOR.

HVAC DEMOLITION KEYED NOTES

1. REMOVE EXISTING CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING. VERIFY EXACT ROUTING OF PIPING TO INDOOR UNIT AS REQUIRED TO FOLLOW SAME ROUTING WITH NEW PIPING. SEE NEW PLAN.
2. REMOVE EXISTING FURNACE AND COOLING COIL. REMOVE AND REPLACE ASSOCIATED REFRIGERANT AND DRAIN PIPING. DISCONNECT SUPPLY AND RETURN DUCTS AS REQUIRED FOR NEW UNIT INSTALLATION. SEE NEW PLAN.
3. REMOVE EXISTING CEILING MOUNTED CONCENTRIC SUPPLY AND RETURN DIFFUSER. DISCONNECT AND REMOVE PORTION OF MAIN DUCTS AS REQUIRED FOR NEW CONNECTIONS. SEE NEW PLAN. COORDINATE CEILING REPAIRS WITH GENERAL CONTRACTOR.
4. REMOVE EXISTING THERMOSTAT. SEE NEW PLAN FOR REPLACEMENT.
5. EXISTING ROOF MOUNTED OUTSIDE AIR INTAKE VENT AND ASSOCIATED DUCTWORK IN ATTIC, TO REMAIN.
6. REMOVE EXISTING MINI-SPLIT SYSTEM AND REPLACE. SEE NEW PLAN.
7. REMOVE EXISTING GAS FIRED UNIT HEATER SUSPENDED FROM ABOVE. REMOVE FLUE PIPE THRU ROOF AND COORDINATE ROOF REPAIR WITH GENERAL CONTRACTOR.
8. REMOVE EXISTING EXHAUST FAN. REMOVE EXISTING PORTION OF DUCTWORK AS REQUIRED FOR INSTALLATION OF NEW FAN. SEE NEW PLANS.
9. EXISTING CONDENSING UNIT TO BE REMOVED AND NOT REPLACED. REMOVE ALL ASSOCIATED REFRIGERANT PIPING, PIPE SUPPORTS, AND WIRING ETC. SEAL ANY REMAINING WALL OR ROOF PENETRATIONS. (COORDINATE WITH GENERAL CONTRACTOR)
10. EXISTING GAS FIRED FURNACE TO BE REMOVED AND NOT REPLACED. REMOVE ALL ASSOCIATED REFRIGERANT PIPING AND PIPE SUPPORTS. REMOVE DUCTWORK, DIFFUSERS, ETC. IF SO NOTED ON PLANS. SEE NEW PLANS.
11. REMOVE EXISTING RANGE HOOD AND ASSOCIATED DUCTWORK. SEE NEW PLAN FOR REPLACEMENT.
12. REMOVE EXISTING RANGE HOOD EXHAUST FAN ON ROOF ALONG WITH ASSOCIATED EXHAUST DUCTWORK. COORDINATE CURB REQUIREMENTS WITH GENERAL CONTRACTOR. SEE NEW PLAN.
13. REMOVE EXISTING MAKE-UP AIR UNIT ON ROOF ALONG WITH ASSOCIATED DUCTWORK. COORDINATE CURB REQUIREMENTS WITH GENERAL CONTRACTOR. SEE NEW PLAN.
14. REMOVE EXISTING ROOFTOP UNIT AND EXISTING CURB ADAPTER AND REPLACE. SEE NEW PLAN.
15. REMOVE AND REPLACE EXISTING GRILLE OR DIFFUSER. REMOVE PORTIONS OF DUCT WORK SHOWN DASHED. SEE NEW PLAN.
16. REMOVE EXISTING DUCTWORK. BLANK-OFF BACKS OF THE EXISITNG WALL GRILLES AND ABANDON.
17. REMOVE EXISTING WOOD FURNACE PLATFORM. CONSTRUCT AND INSTALL NEW SHEET METAL AND CONNECT TO SIDEWALL RETURN GRILLES AS REQUIRED. SEE FURNACE INSTALLATION DETAIL
18. PROVIDEINSULATED SHEET METAL BLANK-OFF ON INTERIOR SIDE AND TOP OF - (2) BRICK VENTS IN EXTERIOR WALL. BOTTOM BRICK VENT TO REMAIN AND CONNECT TO NEW FURNACE PLENUM.
19. PROVIDE INSULATED SHEET METAL BLANK-OFF ON INTERIOR SIDE OF (3) BRICK VENTS.



KEYPLAN

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1	4/20/26	ADDENDUM #1

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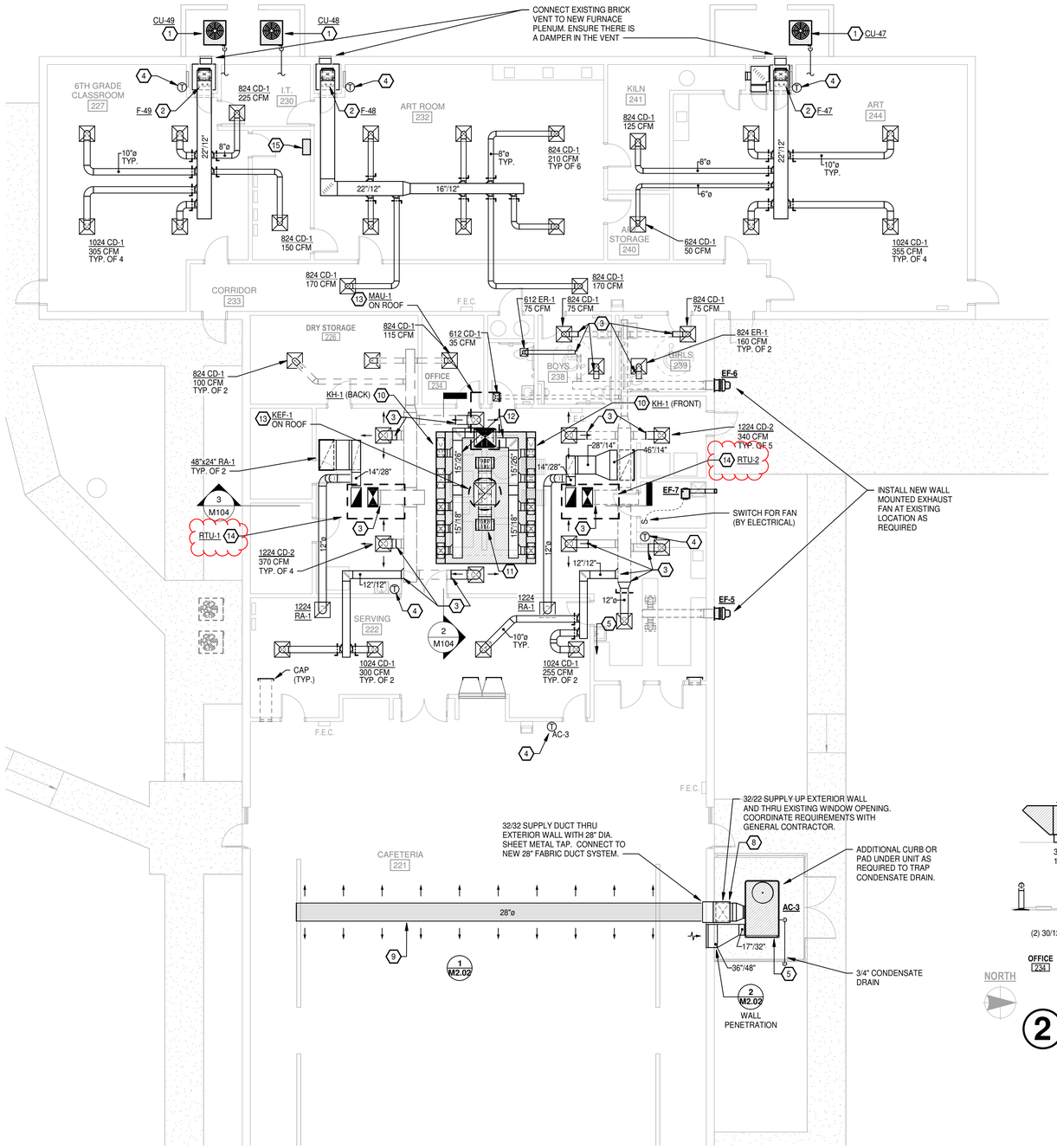
Sheet Name: DEMOLITION PLAN AREA 'D' - HVAC	
Project No: 1631	Date: 3/20/26
Sheet No: M004	



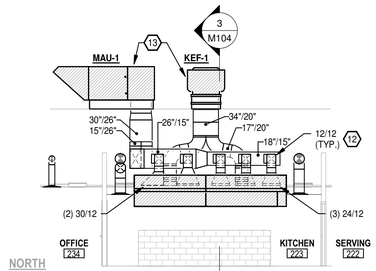
1 FLOOR PLAN AREA 'D' - HVAC
1/8" = 1'-0"

HVAC GENERAL NOTES

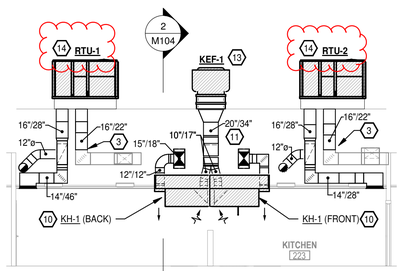
1. FIELD VERIFY EXACT ROUTING OF EXISTING REFRIGERANT PIPING AND FOLLOW SAME PATH WITH NEW PIPING. INDOOR UNIT NUMBERS MAY BE DIFFERENT SUBJECT TO PIPE ROUTES. CONFIRM ON AS BUILT DRAWINGS.
2. FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING ITEMS SHOWN ON THIS PLAN THAT ARE TO BE CONNECTED TO.
3. SEE ARCH PLANS FOR CEILING PLANS INDICATING CEILING TO BE REMOVED/REPLACED.
4. ROUTE ALL CONCENTRIC FLUE VENTS FOR NEW FURNACES THRU EXISTING FLUE OPENINGS IN ROOF. SEAL ALL PENETRATIONS. COORDINATE WITH GENERAL CONTRACTOR.

HVAC KEYED NOTES

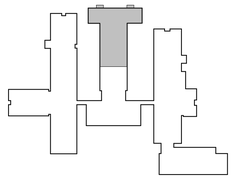
1. INSTALL NEW CONDENSING UNIT. INSTALL NEW REFRIGERANT PIPING TO NEW INDOOR FURNACE/COIL. IN ATTIC, FOLLOW EXISTING PIPE ROUTING AND RE-INSTALL PIPING COVERS OVER PIPING LOCATED IN WALKWAYS. INSULATE REFRIGERANT PIPING PER SPECIFICATIONS AND SEAL EXTERIOR WALL PENETRATIONS.
2. INSTALL NEW FURNACE/COOLING COIL. INSTALL EXTERNAL FILTER RACK AND POLARIZED MEDIA AIR CLEANER. WIRE AIR CLEANER TO FURNACE OR PROVIDE PLUG-IN TRANSFORMER PER MANUFACTURER'S INSTRUCTIONS. SEE FURNACE INSTALLATION DETAIL.
3. CONNECT NEW DUCT TO EXISTING. SEAL ALL INSULATION JOINTS WHERE NEW MEETS EXISTING.
4. NEW THERMOSTAT BY CONTROLS CONTRACTOR CONNECTED TO NEW DIGITAL CONTROLS SYSTEM. SEE CONTROLS DRAWINGS.
5. NEW PACKAGED GAS/ELECTRIC UNIT. COORDINATE CONCRETE PAD REQUIREMENTS WITH GENERAL CONTRACTOR. SEE DETAIL.
6. NEW MINI-SPLIT HEAT PUMP SYSTEM. CONNECT NEW OUTDOOR CONDENSING UNIT TO CONCRETE PAD (NEW OR EXISTING). COORDINATE WITH GENERAL CONTRACTOR. ROUTE REFRIGERANT AND CONDUIT TO INDOOR UNIT IN STRAIGHT RUNS. SEAL ALL WALL PENETRATIONS.
7. NEW INDOOR MINI SPLIT UNIT. CONNECT NEW REFRIGERANT PIPING AND ROUTE CONDENSATE DRAIN PIPING TO EXTERIOR AS SHOWN. INSULATE REFRIGERANT AND DRAIN PIPING PER SPECIFICATIONS.
8. INSULATE ALL EXTERIOR DUCTWORK WITH 2" RIGID INSULATIONI AND "ALUMAGUARD" EXTERIOR COVERING PER SPECIFICATIONS.
9. FABRIC DUCT SYSTEM WITH INTERNAL HOOPS. PROVIDE SUPPORT SYSTEM THRU EXISTING CEILING, UP TO STRUCTURE. COORDINATE WITH GENERAL CONTRACTOR AND DUCT MANUFACTURER'S INSTRUCTIONS. SEE DETAIL.
10. NEW KITCHEN RANGE HOOD TO REPLACE EXISTING. COORDINATE SUPPORT WITH GENERAL CONTRACTOR. SEE SHEETS M501 THRU M505 FOR SYSTEM DETAILS.
11. CONNECT NEW RANGE HOOD EXHAUST DUCTS FROM KEF-1 TO HOOD. REFER TO SPECIFICATION SECTION 23 3100 FOR DUCT CONSTRUCTION AND INSULATE DUCTS PER 23 0713. INSTALLATION TO MEET NFPA 96 REQUIREMENTS.
12. CONNECT MAKE-UP AIR DUCTS FROM NEW MAU-1 ON ROOF TO SUPPLY AIR CURTAIN PROVIDED WITH HOOD. HOOD PLENUM IS TO BE PROVIDED WITH DAMPERS AT EACH CONNECTION. SEE SHEETS M501 THRU M505 FOR SYSTEM DETAILS.
13. COORDINATE ROOF CURB REQUIREMENTS FOR NEW MAKE-UP AIR UNIT AND NEW KITCHEN EXHAUST FAN ON ROOF WITH EXISTING CURB, EXISTING ROOF, AND GENERAL CONTRACTOR.
14. NEW ROOFTOP UNIT TO REPLACE EXISTING. PROVIDE NEW CURB ADAPTER. VERIFY EXISTING CURB SIZE & EXISTING ROOF TYPE.
15. NEW HVAC CONTROLS PANEL. FIELD VERIFY PREFERRED LOCATION WITH OWNER, ELECTRICAL CONTRACTOR AND CONTROLS CONTRACTOR.



2 Section 2 @ Hood
SCALE: 1/8" = 1'-0"



3 Section 3 @ Hood
SCALE: 1/8" = 1'-0"



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Project No: 1631	Date: 3/20/26
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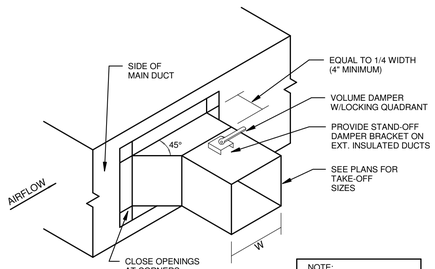
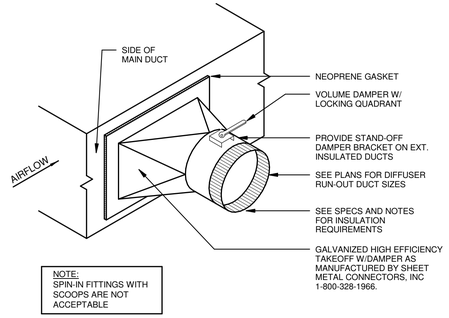
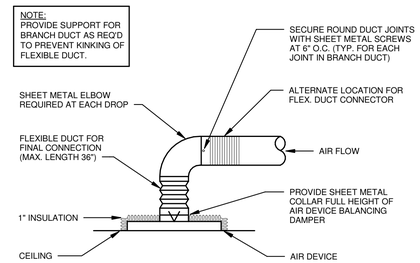


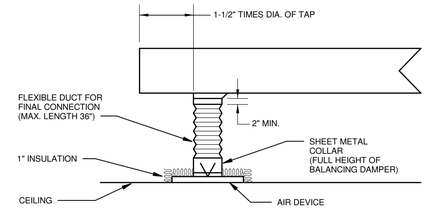
1 BRANCH DUCT TAKE-OFF DETAIL
N.T.S.



2 BRANCH DUCT TAKE-OFF DETAIL
N.T.S.



3 DIFFUSER CONNECTION DETAIL
N.T.S.



4 DIFFUSER CONNECTION END OF TRUNK DUCT
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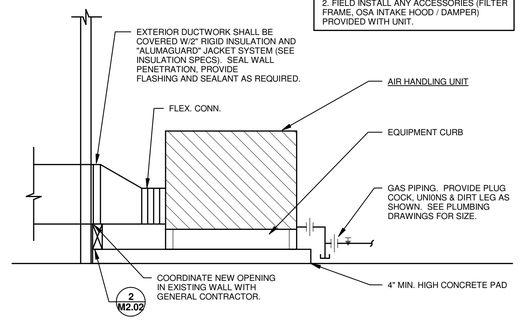

5 PACKAGED UNIT INSTALLATION DETAIL
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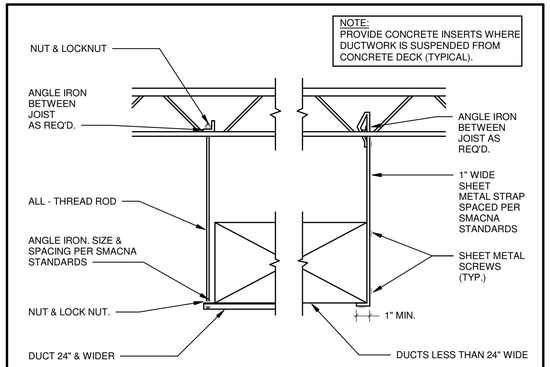

6 DUCT SUPPORT DETAIL
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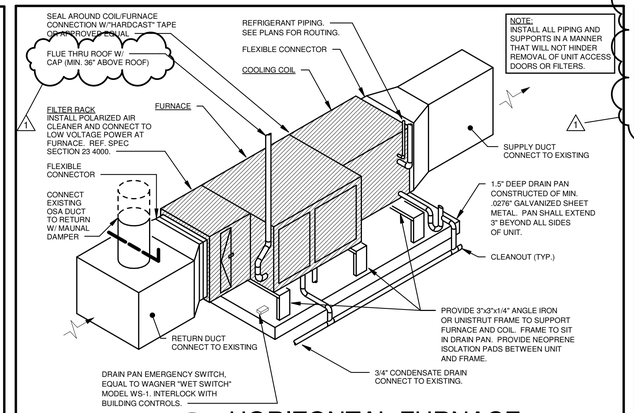

7 HORIZONTAL FURNACE INSTALLATION DETAIL
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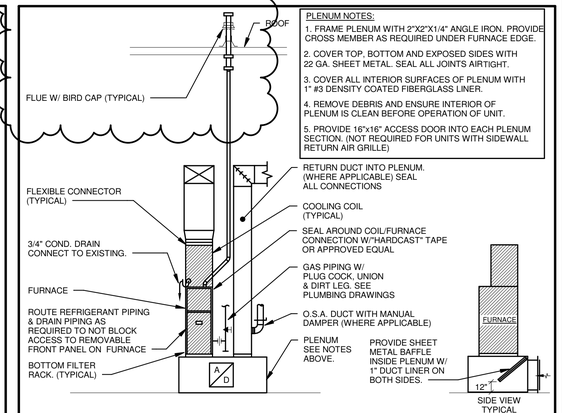
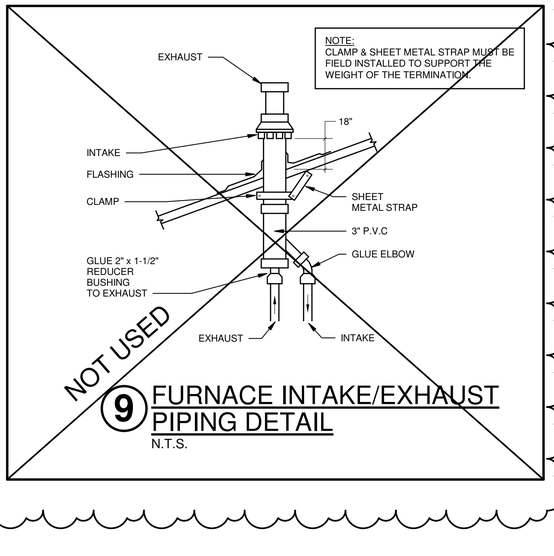


8 FURNACE INSTALLATION DETAIL
N.T.S.



9 FURNACE INTAKE/EXHAUST PIPING DETAIL
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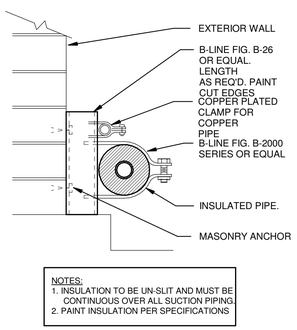
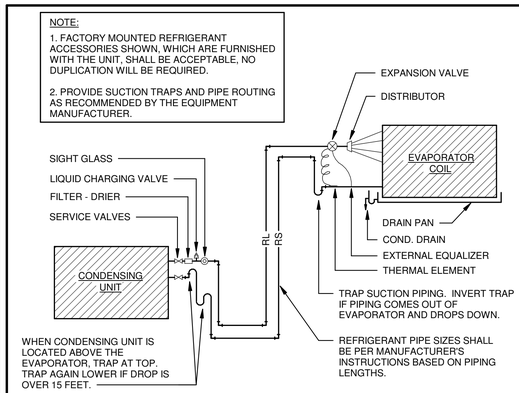
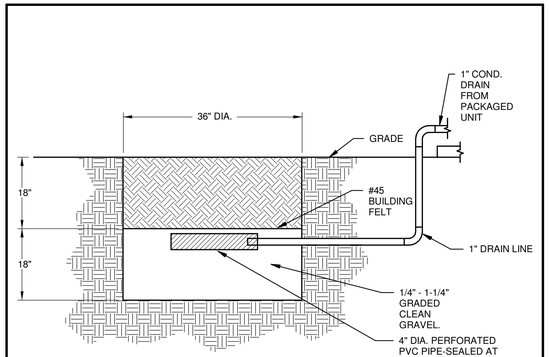


10 REFRIGERANT PIPE SUPPORT DETAIL
N.T.S.



11 REFRIGERANT PIPING DIAGRAM
N.T.S.



12 FRENCH DRAIN DETAIL
N.T.S.

Revisions:		
#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
221 N. Pine Ave. Trumann, Arkansas 72472

STEILING ARCHITECTURE
2912 Longview Dr. • Jonesboro, AR 72401
870.933.6993 • www.steilingarch.com

Corporate Seal
CORPORATE REGISTRATION
PETTIT & PETTIT CONSULTING ENGINEERS, INC. No. 78
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 16166
JERRY JAMES JAGGERS
3-20-26

Sheet Name: DETAILS - HVAC	
Project No: 1631	Date: 3/20/26
Sheet No: M201	

GAS FIRED FURNACE SCHEDULE

NOTE: ALL UNITS HAVE VARIABLE SPEED BLOWERS. (1)

DESIG.	MFR/MDL	TYPE	NOM. TONS	OUTSIDE AIR	CFM	FAN SPEED	ESP	DRIVE	HEATING SECTION					ELECTRICAL DATA					REMARKS
									INPUT	OUTPUT	FUEL	EAT	LAT	HP	FLA	MCA	MOCP	VOLT/PHASE	
F-1	TRANE / S8V2B	80% UPFLOW	3 TON	160 CFM	1,125	HIGH	.60"	DIRECT DRIVE (ECM)	60 MBH 39 MBH	58.2 MBH 37.8 MBH	NATURAL GAS	70°	114.9°	3/4		11	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)
F-2	TRANE / S8X1B	80% UPFLOW	1.5 TON	60 CFM	600	HIGH	.60"	DIRECT DRIVE (ECM)	40 MBH	38.4 MBH	NATURAL GAS	70°	112°	1/2		7.9	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)
F-3 THRU F-28	TRANE / S8V2B	80% UPFLOW	3 TON	160 CFM	1,125	HIGH	.60"	DIRECT DRIVE (ECM)	60 MBH 39 MBH	58.2 MBH 37.8 MBH	NATURAL GAS	70°	114.9°	3/4		11	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)
F-29	TRANE / S9X1B040D3PSB	96% UPFLOW	1.5 TON	60 CFM	600	HIGH	.60"	DIRECT DRIVE (ECM)	40 MBH	38.4 MBH	NATURAL GAS	70°	112°	1/2		7.9	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)
F-30 THRU F-33	TRANE / S8V2B	80% UPFLOW	3 TON	160 CFM	1,125	HIGH	.60"	DIRECT DRIVE (ECM)	60 MBH 39 MBH	58.2 MBH 37.8 MBH	NATURAL GAS	70°	114.9°	3/4		11	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)
F-34	TRANE / S8X1B	80% UPFLOW	1.5 TON	60 CFM	600	HIGH	.60"	DIRECT DRIVE (ECM)	40 MBH	38.4 MBH	NATURAL GAS	70°	112°	1/2		7.9	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)
F-35 THRU F-41	TRANE / S8V2B	80% UPFLOW	3 TON	160 CFM	1,125	HIGH	.60"	DIRECT DRIVE (ECM)	60 MBH 39 MBH	58.2 MBH 37.8 MBH	NATURAL GAS	70°	114.9°	3/4		11	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)
F-42 THRU F-49	TRANE / S8V2B	80% UPFLOW	4 TON	220 CFM (1)	1,575	HIGH	.60"	DIRECT DRIVE (ECM)	80 MBH 52 MBH	77.6 MBH 50.4 MBH	NATURAL GAS	70°	112°	3/4		11	15	120/1Ø	PROVIDE ROOF CONCENTRIC VENT TERMINATION KIT, EXTERNAL FILTER RACK WITH POLARIZED MEDIA AIR CLEANER (REF. 23 4000)

CONDENSING UNIT SCHEDULE

NOTE: 3 & 4 TON CONDENSING UNITS HAVE INVERTER SCROLL COMPRESSORS. (1)

DESIG.	CONDENSING UNIT				COOLING COIL						ELECTRICAL			REMARKS
	MFR/MDL	TYPE	OSA AMBIENT	SERVES	MODEL #	CFM	P.D.	TOTAL	SENS	TONS	VOLTS/PHASE	MCA	MAX CB	
CU-1	TRANE / 5TTR7036A1000A	17.1 SEER2 AIR COOLED	95°	-	5TXB003AS3HCA	1,125	.31"	33.6 MBH	25.3 MBH	3	208 / 230 / 1Ø	27	30	R-454B REFRIGERANT, 2-STAGE COOLING. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.
CU-2	TRANE / 5TTR4018A1	14.3 SEER2 AIR COOLED	95°	-	5TXCB003AS3	600	.31"	17.0 MBH	13.0 MBH	1.5	208 / 230 / 1Ø	9.0	20	R-454B REFRIGERANT. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.
CU-3 THRU CU-28	TRANE / 5TTR7036A1000A	17.1 SEER2 AIR COOLED	95°	-	5TXB003AS3HCA	1,125	.31"	33.6 MBH	25.3 MBH	3	208 / 230 / 1Ø	27	30	R-454B REFRIGERANT, 2-STAGE COOLING. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.
CU-29	TRANE / 5TTR4018A1	14.3 SEER2 AIR COOLED	95°	-	5TXCB003AS3	600	.31"	17.0 MBH	13.0 MBH	1.5	208 / 230 / 1Ø	9.0	20	R-454B REFRIGERANT. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.
CU-30 THRU CU-33	TRANE / 5TTR7036A1000A	17.1 SEER2 AIR COOLED	95°	-	5TXB003AS3HCA	1,125	.31"	33.6 MBH	25.3 MBH	3	208 / 230 / 1Ø	27	30	R-454B REFRIGERANT, 2-STAGE COOLING. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.
CU-34	TRANE / 5TTR4018A1	14.3 SEER2 AIR COOLED	95°	-	5TXCB003AS3	600	.31"	17.0 MBH	13.0 MBH	1.5	208 / 230 / 1Ø	9.0	20	R-454B REFRIGERANT. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.
CU-35 THRU CU-41	TRANE / 5TTR7036A1000A	17.1 SEER2 AIR COOLED	95°	-	5TXB003AS3HCA	1,125	.31"	33.6 MBH	25.3 MBH	3	208 / 230 / 1Ø	27	30	R-454B REFRIGERANT, 2-STAGE COOLING. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.
CU-42 THRU CU-49	TRANE / 5TTR7048A1000A	17.1 SEER2 AIR COOLED	95°	-	5TXCB006AS3HCA	1,575	.31"	44.9 MBH	34.9 MBH	4	208 / 230 / 1Ø	36	50	R-454B REFRIGERANT. PROVIDE AND INSTALL CONDENSATE OVERFLOW "CUT-OFF" DEVICE AT COIL.

AIR DEVICE SCHEDULE

NOTE: CEILING DIFFUSER TOPS MUST BE INSULATED (SEE DETAIL). MECHANICAL CONTRACTOR VERIFY IF FIELD INSULATED OR GRILLES ARE PROVIDED WITH INSULATION.

DESIG.	MFR./MDL.	TYPE	FACE SIZE	FINISH	FREE AREA	ACCESS.	REMARKS
CD-1	TUTTLE & BAILEY / 1300	LOUVER FACE CEILING SUPPLY	AS NOTED	WHITE	---	ROUND BUTTERFLY DAMPER	2'x2' GRILLE WITH ROUND NECK FIXED HORIZONTAL AIR DEFLECTION. ALUMINUM CONSTRUCTION
CD-2	TUTTLE & BAILEY / AM	LOUVER FACE FIXED PATTERN CEILING SUPPLY	AS NOTED	WHITE	---	OPPOSED BLADE DAMPER	2'x2' GRILLE WITH SQUARE NECK (PROVIDE SQUARE TO ROUND TRANSITION) SEE PLANS FOR NUMBER OF SIDES. FOR AIR THROW - ALUMINUM CONSTRUCTION
SR-1	TUTTLE & BAILEY / T54	DOUBLE DEFLECTION SIDEWALL SUPPLY	AS NOTED	WHITE	---	OPPOSED BLADE DAMPER	
RA-1	TUTTLE & BAILEY / PR	PERF. FACE CEILING RETURN	AS NOTED	WHITE	51%	----	
RA-2	TUTTLE & BAILEY / T115	HEAVY DUTY SIDEWALL RETURN	AS NOTED	WHITE	---	----	16 GA. FRAME W/ 14 GA. BLADES, SPACED AT 1/2" CENTERS AT 38° DEFLECTION.
ER-1	TUTTLE & BAILEY / PR	PERF. FACE CEILING EXHAUST	AS NOTED	WHITE	51%	ROUND BUTTERFLY DAMPER	

MINI-SPLIT INDOOR A/C UNIT SCHEDULE

DESIG.	MFR/MDL	TYPE	LOCATION	CFM	OSA	ESP	DIMENSIONS	WEIGHT	COOLING				HEATING				REFRIGERANT PIPE SIZE		ELECTRICAL DATA			REMARKS
									CAPACITY	INDOOR	OUTDOOR	SEER	CAPACITY	INDOOR	OUTDOOR	HSPF	GAS	LIQUID	MCA	MOCP	VOLT/PHASE	
MS-1	MITSUBISH / SLZ-AF18NL	CEILING CASSETTE HEAT PUMP	AREA A	475	--	---		31 LBS.	17.7 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	17.5 SEER2	19.7 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.	9.3 HSPF2	1/2"	1/4"	1	-	208v / 230v / 1ø	PROVIDE W/ WIRED THERMOSTAT (W/ 3RD PARTY CONTACTS - BACNET) & COND. PUMP.
MS-2 & 3	MITSUBISH / MSZ-GX12NL	WALL MOUNTED HEAT PUMP	AREA C	403	--	---		23 LBS.	12.0 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	17.5 SEER2	14.4 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.	9.3 HSPF2	3/8"	1/4"	1	-	208v / 230v / 1ø	PROVIDE W/ WIRED THERMOSTAT (W/ 3RD PARTY CONTACTS - BACNET), LOCKING COVER FOR THERMOSTAT & COND. PUMP.
MS-4	MITSUBISH / PLA-AE24NL	CEILING CASSETTE HEAT PUMP	AREA E	800	--	---		57 LBS.	24.0 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	17.5 SEER2	29.0 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.	9.3 HSPF2	5/8"	3/8"	1	-	208v / 230v / 1ø	PROVIDE W/ WIRED THERMOSTAT (W/ 3RD PARTY CONTACTS - BACNET) & COND. PUMP.
MS-5 THRU MS-8	MITSUBISH / MSZ-GX24NL	WALL MOUNTED HEAT PUMP	AREA C & E	688	--	---		37 LBS.	22.4 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	17.5 SEER2	27.6 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.	9.3 HSPF2	5/8"	1/4"	1	-	208v / 230v / 1ø	PROVIDE W/ WIRED THERMOSTAT (W/ 3RD PARTY CONTACTS - BACNET), LOCKING COVER FOR THERMOSTAT & COND. PUMP.
MS-9	MITSUBISH / SLZ-AF18NL	CEILING CASSETTE HEAT PUMP	AREA A	475	--	---		31 LBS.	17.7 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	17.5 SEER2	19.7 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.	9.3 HSPF2	1/2"	1/4"	1	-	208v / 230v / 1ø	PROVIDE W/ WIRED THERMOSTAT (W/ 3RD PARTY CONTACTS - BACNET) & COND. PUMP.

MINI-SPLIT CONDENSING UNIT SCHEDULE

DESIG.	MFR/MDL	TYPE	SERVES	DIMENSIONS	WEIGHT	COOLING			HEATING			FAN DATA			COMPRESSOR DATA			ELECTRICAL DATA			REMARKS
						CAPACITY	INDOOR	OUTDOOR	CAPACITY	INDOOR	OUTDOOR	TYPE / QUANTITY	CFM	KW	TYPE	MOTOR KW	HEATER KW	MCA	MOCP	VOLT/PHASE	
MSCU-1	MITSUBISH / SUZ-AA18NL	AIR COOLED			115 LBS.	17.7 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	19.7 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.				INVERTER	---	---	25	30	208/230 V/ 1ø	PROVIDE HAIL GUARD OPTION IF OFFERED.
MSCU-2 & 3	TRANE / 1 TON	AIR COOLED			77 LBS.	12.0 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	14.4 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.				INVERTER	---	---	12	15	208/230 V/ 1ø	PROVIDE HAIL GUARD OPTION IF OFFERED.
MSCU-4	TRANE / 2 TON	AIR COOLED			155 LBS.	24.0 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	29.0 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.				INVERTER	---	---	22	37	208/230 V/ 1ø	PROVIDE HAIL GUARD OPTION IF OFFERED.
MSCU-5 THRU MSCU-8	TRANE / 2 TON	AIR COOLED			116 LBS.	22.4 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	27.6 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.				INVERTER	---	---	23	25	208/230 V/ 1ø	PROVIDE HAIL GUARD OPTION IF OFFERED.
MSCU-9	MITSUBISH / SUZ-AA18NL	AIR COOLED			115 LBS.	17.7 MBH	80° d.b. 67° w.b.	95° d.b. 75° w.b.	19.7 MBH	70° d.b. 60° w.b.	47° d.b. 43° w.b.				INVERTER	---	---	25	30	208/230 V/ 1ø	PROVIDE HAIL GUARD OPTION IF OFFERED.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER JERRY JAMES JACKS No. 15166 3-20-26

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School Systems Replacement
FACILITIES #2526-5605-001
221 N. Pine Ave. Trumann, Arkansas 72472

STEILING ARCHITECTURE
2912 Longview Dr. • Jonesboro, AR 72401
870.933.6993 • www.steilingarch.com

Corporate Seal
CORPORATE REGISTRATION
PETTIT & PETTIT CONSULTING ENGINEERS, INC. No. 78
ARKANSAS ENGINEER

Sheet Name: EQUIP. SCHEDULES - HVAC
Project No: 1631
Date: 3/20/26
Sheet No: M301

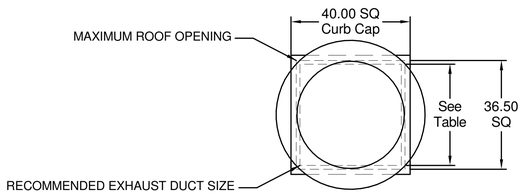
Belt Drive Upblast Centrifugal Roof Exhaust Fan

MARK INFORMATION		FAN INFORMATION									SOUND INFORMATION					MOTOR INFORMATION								
MARK	QTY	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN. WG)	TOTAL EXTERNAL SP (IN. WG)	FAN SPEED (RPM)	OUTLET VELOCITY (FT/MIN)	FEI	TOTAL WEIGHT (LB)	INLET dBA	INLET SONES	INLET SONES (SPHERICAL)	OUTLET dBA	OUTLET SONES	OPERATING POWER (HP)	MOTOR SIZE (HP)	FEP INPUT POWER (KW)	ENCLOSURE	VOLTAGE	CYCLE	PHASE	EC MOTOR	NEC FLA*
KEF-1	1	CUBE-300HP-30	Belt	7,200	1.044	1.044	824	1,309.09	1.15	289.4	71.46	20.21	0	0	0	2.59	3	2.22	OP	208	60	3	No	10.6

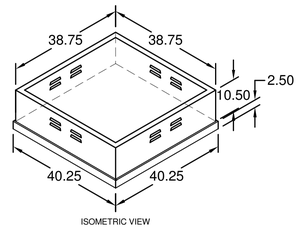
*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

KEF-1 : SELECTED OPTIONS AND ACCESSORIES

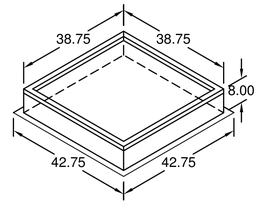
Curb Cap Size - 40 Square
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)
Switch, NEMA-1, Toggle,
Curb Extension-Galv., VCE-40-G10.5, Shipped Loose From Factory
Hinged Curb Cap Kit w/Cables (PN 919441) & Support Bracket (Shipped Loose)
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Grease Trap (PN 475538)
Heat Baffle (Attached)
Bearings with Grease Fittings, L10 life of 100,000 hrs (L50 avg. life 500,000 hrs)
Aluminum Wheel Material
Windband Extension, Aluminum, 36" (shipped loose)
Extended Lube lines

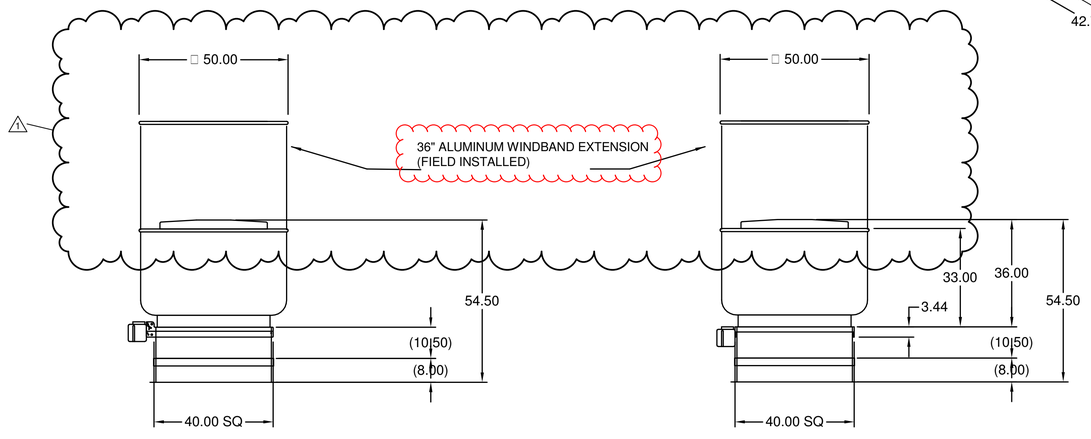


DUCT TYPE	SIZE
STANDARD	34 SQ
FIRE-WRAPPED	26 SQ



ISOMETRIC VIEW





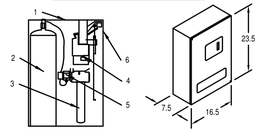
DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB.
CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON
MOTOR, ADAPTER, AND/OR HINGE BASE.

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC

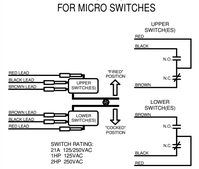
CONTROL PANEL

1. STAINLESS STEEL ENCLOSURE
2. AGENT STORAGE TANK
3. EXPELLENT GAS CARTRIDGE
4. ANSUL AUTOMAN RELEASE
5. REGULATOR
6. KNOCKOUT FOR WIRING MICROSWITCH



NOT TO SCALE

WIRING DIAGRAM FOR MICRO SWITCHES

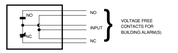


NOTE: IF ELECTRIC RELEASE, BOTH UPPER SWITCHES WILL BE USED FOR ACTUATING ADDITIONAL AUTOMANS (THEY WILL BE WIRED TO EACH OTHER AND TO THE BROWN WIRE ON THE ELECTRIC SOLENOID). THEREFORE, USE ONE OF THE UN-UTILIZED LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL (DO NOT USE EITHER OF THE UPPER SWITCHES).

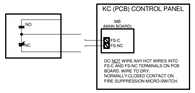
IF USING LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL, NORMALLY-CLOSED WILL BE BLACK LEAD, AND NORMALLY-OPEN WILL BE BROWN LEAD.

DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN. VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

CONNECTION TO BUILDINGS ALARM



CONNECTION TO KC (PCB) CONTROL PANEL



NOTES:
1. —— DENOTES FIELD INSTALLATION.
2. ——— DENOTES FACTORY INSTALLATION.

NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.
-VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
-ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
-ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:
-GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
-MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:
-FULL DUMP TEST OTHER THAN WHT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
-MORE THEN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS.
-INSTALLATION OF GAS SHUT-OFF VALVE.
-SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR FS APPROVAL STAMP.
-UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
-ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
-ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
-ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
-INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M.)
-PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS. OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THEN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.

FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
K-ANSUL	ANSUL R-102 WET CHEMICAL	CABINET – LEFT END OF KH-1 FRONT	23 UTILIZED 33 AVAILABLE		CONTINUOUS	FUSIBLE LINK	KH-1 FRONT SECTION 1
							KH-1 FRONT SECTION 2
							KH-1 BACK SECTION 1
							KH-1 BACK SECTION 2

FIRE SYSTEM OPTIONS AND ACCESSORIES

PRE-PIPE WITH FACTORY PARTS (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND DISTRIBUTOR SUPPLIED PARTS)
CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
METAL BLOW-OFF CAPS - INCLUDED
GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# 468817
HOOD SUPPRESSION TANK - INCLUDED - 9 GAL. - [(3) 3.0 TANK(S)]
REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 15166
JEREMY JAMES JAGGERS
3-20-26

Sheet Name: KITCHEN HOOD SYSTEM - HVAC
Project No: 1631
Date: 3/20/26
Sheet No: M504

CONTROL INFORMATION

MARK	MAIN ELECTRICAL CONTROL PACKAGE		MAIN USER INTERFACE		FANS CONTROLLED												
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
K-CONTROLS	GKC-DCV-S-11-4-1-0	LEFT CABINET ON KH-1 FRONT	FULL COLOR TOUCHSCREEN	HOOD – FACE MOUNT LEFT END OF KH-1 FRONT SECTION 1	1	SUPPLY	S1	MAU-1	1	5760	3	208	60	3	NO	NO
					2	EXHAUST	E1	KEF-1	1	7200	3	460	60	3	NO	YES

CONTROL FEATURES

- HOOD LIGHT CONTROL
- TEMP SENSORS (FACTORY INSTALLED) - QTY. 4
- DRY FIRE CONTACTS - QTY. 1
- LIGHTS OFF DURING FIRE
- EXHAUST MAX DURING FIRE
- SUPPLY OFF DURING FIRE

GREENHECK
BUILDING VALUE IN AIR.

DOC NUMBER: ----
REV: ----

CAUTION
UNIT MUST BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.

ATTENTION
L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.É. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.

COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 110-240V,1PHASE, 50 -60HZ,15A
43BM BASE FILE #E200616, ML FILE #E313951

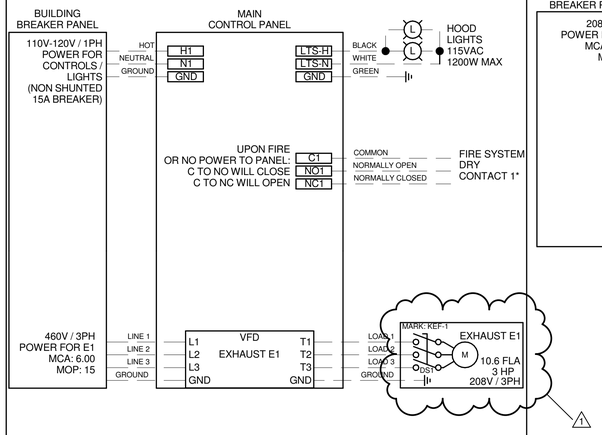
THESE DRAWINGS SHALL NOT BE REMOVED FROM THIS EQUIPMENT. USE COPPER CONDUCTORS RATED TO 90°C UNLESS SPECIFIED. TORQUE CONTROL & GROUND BLOCKS TO 8 LBS. IN. TORQUE POWER LUGS/SCREWS TO COMPONENT RATINGS LISTED. TORQUE CONTROL BOARD SCREW TERMINALS TO 3.5 LBS. IN. FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM. SEE IOM FOR ADDITIONAL INFORMATION, OR CALL FACTORY AT 1-800-371-6858.

NE PAS RETIRER CES DESSINS DE CET ÉQUIPEMENT. SAUF INDICATION CONTRAIRE, UTILISER DES CONDUCTEURS EN CUIVRE CLASSÉS 90 °C. SERRER LES BORNES DE COMMANDE ET DE MISE À LA TERRE À 8 LB-PO. SERRER LES COSSES/VIS D'ALIMENTATION AUX COUPLES INDIQUÉS POUR LE COMPOSANT. SERRER LES BORNES À VIS DE LA CARTE DE COMMANDE À 3,5 LB-PO. LA RÉSISTANCE DU CÂBLAGE DE COMMANDE LOCAL NE DOIT PAS DÉPASSER 0,75 OHM. POUR PLUS D'INFORMATION, CONSULTER LE MANUEL OU APPELER 1-800-371-6858

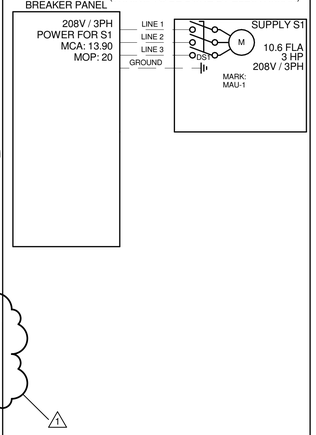
PRG VERSION: V5
FIELD WIRED (CÂBLÉ LOCALEMENT) ——
FACTORY WIRED (CÂBLÉ À L'USINE) ——

WIRING DIAGRAM CODE: WDC#
JOB NAME: TRUMANN MIDDLE SCHOOL KITCHEN HOOD
MODEL: GKC-DCV-S-11-4-1-0
SERIAL NUMBER: WDSN#
MARK: K-CONTROLS

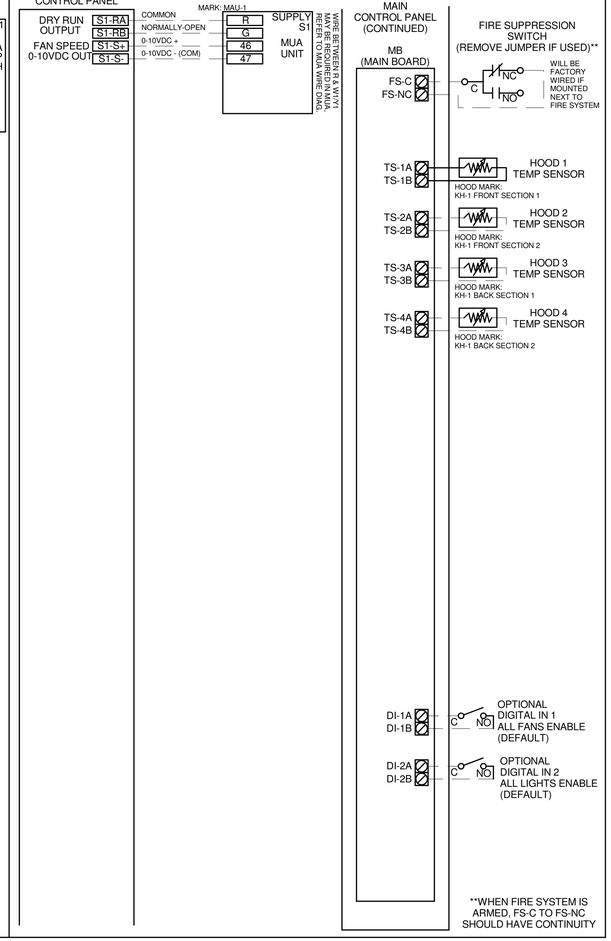
POWER WIRING FOR KITCHEN CONTROLS
(WIRING TO BE DONE BY ELECTRICIAN)



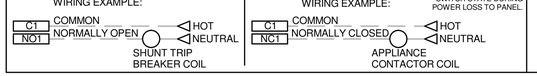
POWER WIRING FROM BREAKER PANEL DIRECT TO FANS
(WIRING TO BE DONE BY ELECTRICIAN)



CONTROL WIRING FOR KITCHEN CONTROLS
(WIRING TO BE DONE BY ELECTRICIAN, IF NO CONTROLS CONTRACTOR. USE 18-22GA WIRE UNLESS SPECIFIED.)



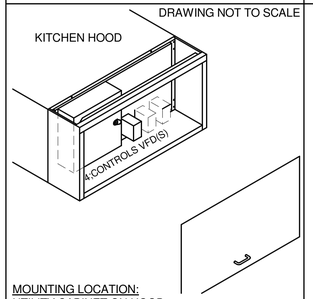
*FIRE SYSTEM DRY CONTACT WIRING EXAMPLES



DO NOT USE CONTACTS FOR PROVIDING SIGNALS TO BUILDING FIRE ALARM. DRY CONTACTS SWITCH STATE DURING POWER LOSS TO PANEL.

CABINET DETAILS

DRAWING NOT TO SCALE



MOUNTING LOCATION:
UTILITY CABINET ON HOOD

(INNER CONTROL BOX: 12 X 20 X 6)

NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET

MAIN USER INTERFACE DETAILS

MOUNTING TYPE
FACTORY MOUNTED:
FACE MOUNT LEFT SIDE OF HOOD

USER INTERFACE CONTROL
FANS AND LIGHTS

INTERFACE CABLE LENGTH
50FT (FACTORY PROVIDED)

DEFAULT SETTINGS

FACTORY SETTINGS
TYPE: VAV
CONFIGURATION: STANDARD
ZONES: 1
HOODS: 4
EXHAUST FANS: 1
SUPPLY FANS: 1
MB ROOM SENSOR: NO
MB TEMP SENSORS: 4
HIGH TEMP FAULT: NO
FREEZE PROTECTION: YES
MB GAS RESET: NO
FAN PROVING: NO
BMS: NONE

ZONE SETTINGS
SEE ZONE CONFIGURATION TABLE BELOW

HOOD SETTINGS
SEE HOOD CONFIGURATION TABLE BELOW

EXHAUST FAN SETTINGS
SEE FAN CONFIGURATION TABLE BELOW

SUPPLY FAN SETTINGS 4:
SEE FAN CONFIGURATION TABLE BELOW

SENSOR SETTINGS
SEE HOOD CONFIGURATION TABLE BELOW

USER INTERFACE SETTINGS (MB) 4:
FAN & LIGHT BUTTONS: SHOW BOTH (SEPERATE)

GENERAL SETTINGS 4:
TIME ZONE: CENTRAL DAYLIGHT (DEFAULT)

MB FIRE/FAULT SETTINGS 4:
EXHAUST DURING FIRE: MAX
SUPPLY DURING FIRE: OFF
LIGHTS DURING FIRE: OFF

WIRING DIAGRAM CODE: WDC#
JOB NAME: TRUMANN MIDDLE SCHOOL KITCHEN HOOD
MODEL: GKC-DCV-S-11-4-1-0
SERIAL NUMBER: WDSN#
MARK: K-CONTROLS
DOC NUMBER: ----
REV: ---
PRG VERSION: V5

ZONE CONFIGURATION

ZONE #	ZONE	ROOM TEMP
1	Z1	PRESET

HOOD CONFIGURATION

HOOD #	HOOD	HOOD MARK	ZONE	EXH A	EXH B	SUPPLY		MB: TEMP SENSORS	
1	H1	KH-1 FRONT SECTION 1	Z1	E1	-	S1		TS1	
2	H2	KH-1 FRONT SECTION 2	Z1	E1	-	S1		TS2	
3	H3	KH-1 BACK SECTION 1	Z1	E1	-	S1		TS3	
4	H4	KH-1 BACK SECTION 2	Z1	E1	-	S1		TS4	

FAN CONFIGURATION

FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC
1	SUPPLY	S1	MAU-1	Z1	2880	5760	NO	-	-	-	5.0	10.0
2	EXHAUST	E1	KEF-1	Z1	3600	7200	YES	2	30	60	-	-

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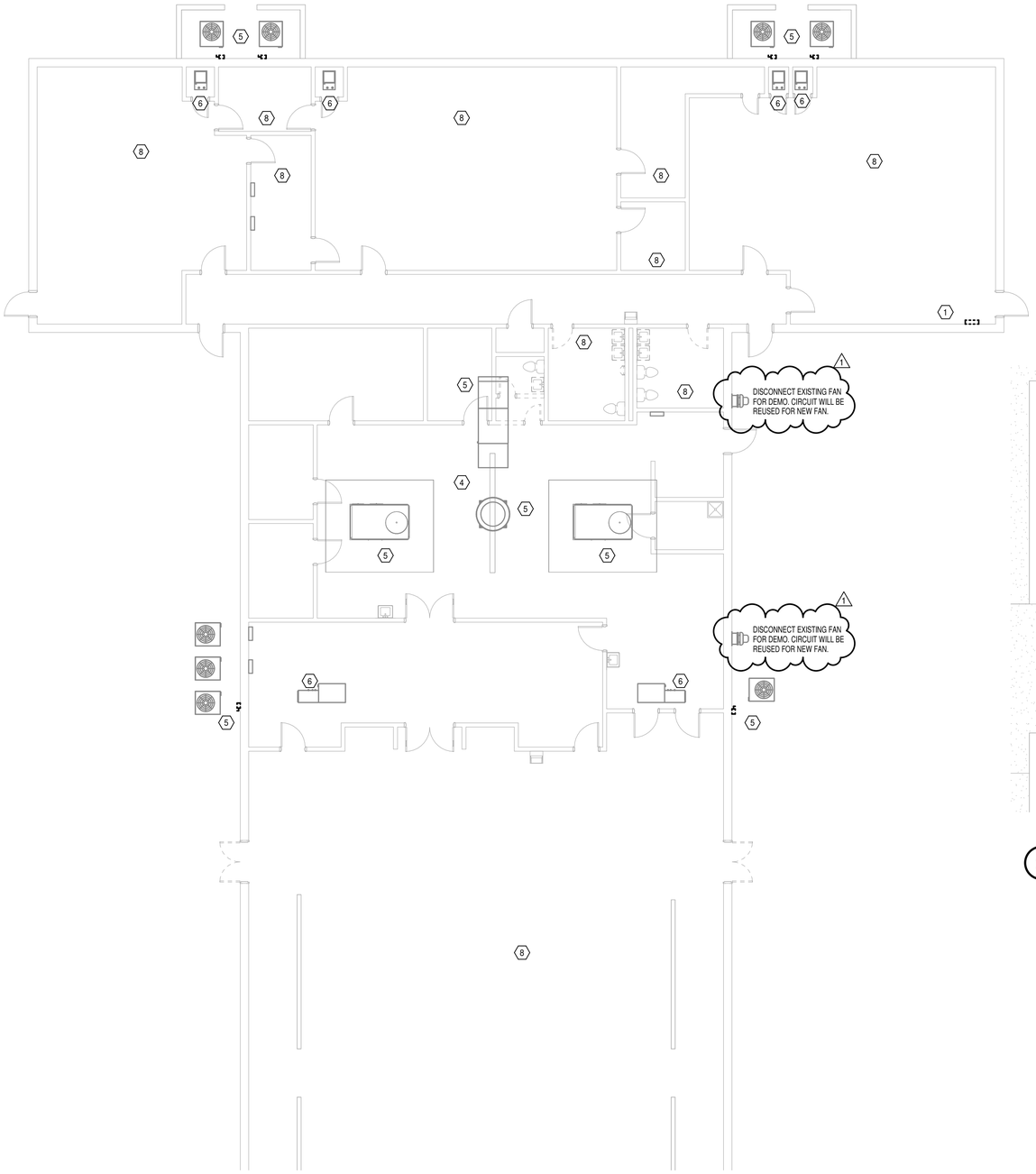
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 15166
JEREMY JAMES JACKS
3-20-26

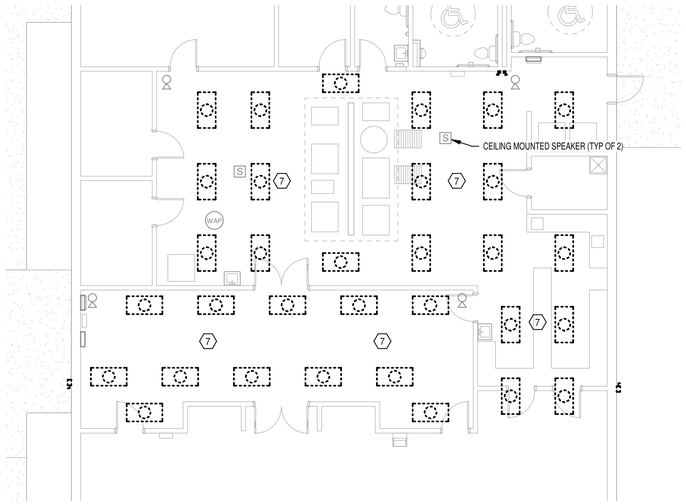
Sheet Name: KITCHEN HOOD SYSTEM - HVAC
Project No: 1631
Date: 3/20/26
Sheet No: M505

ELEC. DEMO. KEYED NOTES

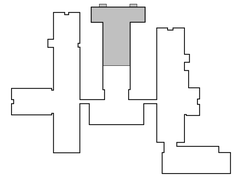
1. THE DASHED PANELS ARE BEING REPLACED. DEMO THE EXISTING DASHED PANELS. FOR THE EXISTING CIRCUITS, THE EXISTING WIRE AND CONDUIT SHALL BE EXTENDED AS NECESSARY TO THE NEW PANELS. THE EXISTING CONDUIT FROM THE PANEL TO ABOVE CEILING SHALL BE COMPLETELY REPLACED.
2. THE BATHROOMS ARE BEING RECONFIGURED. DEMO ALL EXISTING ELECTRICAL DEVICES IN THE DASHED WALLS AND CEILINGS OF EFFECTED AREAS TO THE NEAREST JUNCTION BOX. MAINTAIN CIRCUIT CONTINUITY WERE NECESSARY. THE EXISTING CIRCUITS SHALL BE REUSED. PROVIDE AND INSTALL BLANK COVERPLATES AS NECESSARY.
3. DEMO ALL ELECTRICAL EQUIPMENT THAT HAS TO DO WITH THE ABANDONED BOILER. REMOVE ALL WIRE AND CONDUIT COMPLETELY.
4. DEMO ALL ELECTRICAL DEVICES UNDER THE EXISTING HOOD. REMOVE ALL WIRE BACK TO PANEL AND CONDUIT AS FAR BACK AS POSSIBLE AND CAP IT. DEMO THE KITCHEN HOOD WIRE AND CONDUIT BACK TO THE PANEL.
5. DEMO DISCONNECT, WIRE, AND CONDUIT BACK TO PANEL FOR THE HVAC UNITS.
6. THE EXISTING FURNACES ARE BEING DEMOLISHED. DISCONNECT POWER TO THE UNITS. THE DISCONNECTS SHALL BE REWORKED AROUND THE NEW UNITS TO MEET NEC CLEARANCE REQUIREMENTS.
7. IN PREPREATION FOR THE CEILING COMING OUT, REMOVE THE LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS FROM THE EXISTING CEILING IN THIS ROOM. THE LIGHTS SHALL BE DEMOLISHED. THE DEVICES MAY BE TEMPERARILY SUPPORTED WHILE NEW CEILING IS BEING INSTALLED. PROTECT THE OTHER DEVICES DURING CONSTRUCTION. THESE OTHER DEVICES WILL BE REINSTALLED IN THE NEW CEILING. A NEW FIRE ALARM SYSTEM IS BEING INSTALLED, SO EXISTING FIRE ALARM SHALL BE DEMOLISHED COMPLETELY.
8. IN PREPREATION FOR THE CEILING COMING OUT, REMOVE THE LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS FROM THE EXISTING CEILING IN THIS ROOM. THE DEVICES MAY BE TEMPERARILY SUPPORTED WHILE NEW CEILING IS BEING INSTALLED. PROTECT THE OTHER DEVICES DURING CONSTRUCTION. THESE DEVICES WILL BE REINSTALLED IN THE NEW CEILING. A NEW FIRE ALARM SYSTEM IS BEING INSTALLED, SO EXISTING FIRE ALARM SHALL BE DEMOLISHED COMPLETELY.



1 DEMOLITION PLAN AREA 'D' - ELECTRICAL
1/8" = 1'-0"



2 PARTIAL DEMOLITION PLAN AREA 'D' - LIGHTING
1/8" = 1'-0"



KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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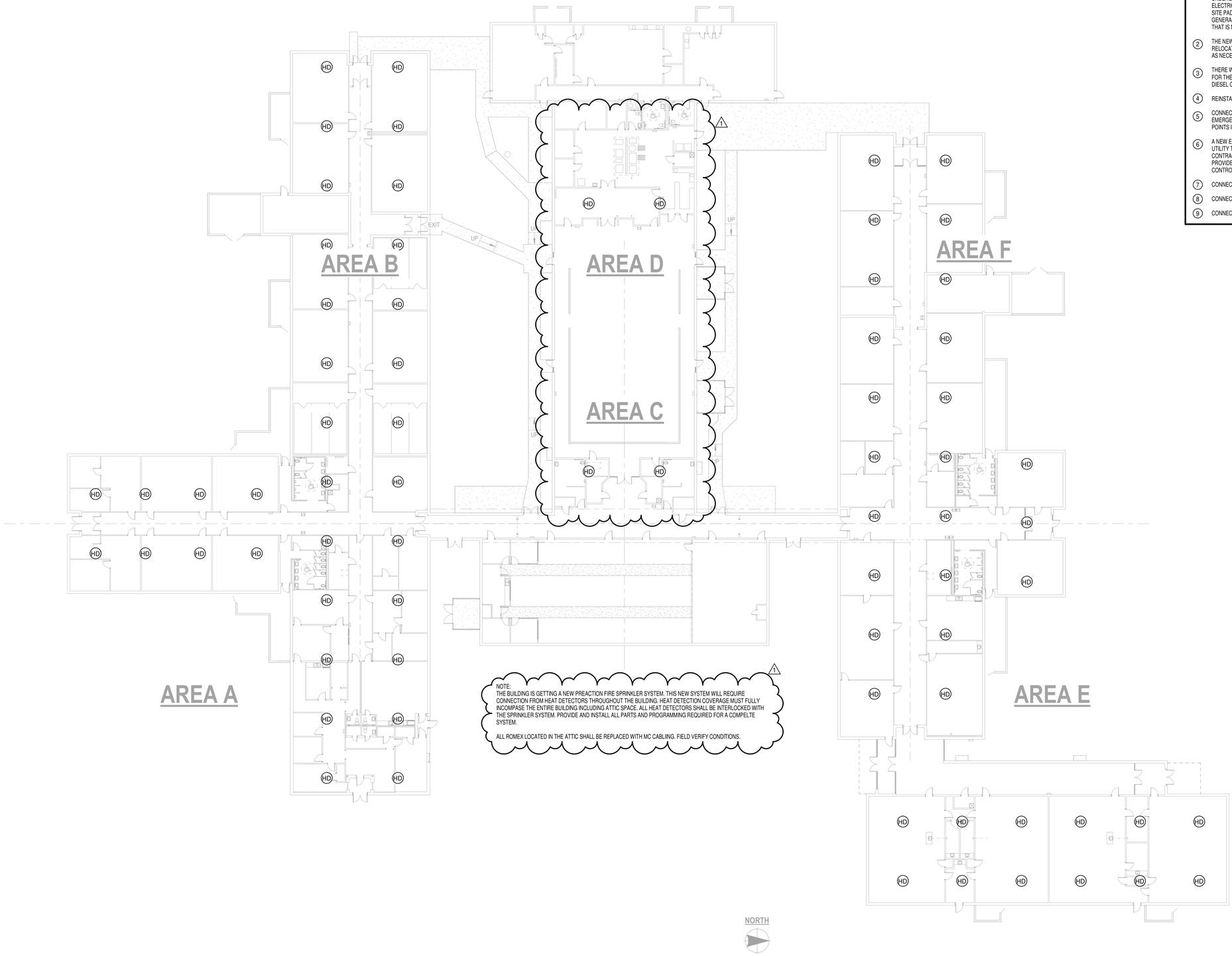
No. 12363
ANTHONY DAVID PETTIT
3-20-26

Sheet Name: DEMOLITION PLAN AREA 'D' - ELECTRICAL	
Project No: 1631	Date: 3/20/26
Sheet No: E004	



1 **OVERALL ATTIC PLAN - ELECTRICAL**
1" = 20'-0"

ELECTRICAL KEYED NOTES

1. THERE ARE TWO (2) EXISTING UTILITY TRANSFORMERS LOCATED ON THE NORTH AND SOUTH SIDE OF THE BUILDING. ON THE NORTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 173. ON THE SOUTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 130. TWO (2) NEW UNDERGROUND ELECTRICAL SECONDARY SERVICES SHALL BE 208Y/120V, 3-PHASE, 4-WIRE TO NEW ELECTRICAL GEAR ON EACH SIDE OF THE BUILDING. ELECTRICAL SERVICE WILL BE METERED AT THE ON-SITE PAD-MOUNTED TRANSFORMER. THE EXISTING SUBPANELS WILL CONTINUE TO FEED THE EXISTING GENERAL PURPOSE ELECTRICAL LOADS, COMMON AREA AND SITE LIGHTING, AND ANY HVAC EQUIPMENT THAT IS NOT IN SCOPE. SEE POWER RISERS AND PANEL SCHEDULES FOR MORE INFORMATION.
2. THE NEW FURNACES SHALL REUSE THE EXISTING FURNACE CIRCUITS. THE DISCONNECTS SHALL BE RELOCATED SO THERE IS NO REACHING OVER UNITS TO TURN POWER OFF. EXTEND WIRE AND CONDUIT AS NECESSARY.
3. THERE WILL BE A NEW FIRE PUMP INSTALLED WITH THE FIRE PROTECTION SPRINKLER SYSTEM. POWER FOR THE FIRE PUMP WILL BE DIRECTLY FROM THE SOUTH UTILITY TRANSFORMER AND A NEW 30KW DIESEL GENERATOR THROUGH THE ATS BY DIVSION 22.
4. REINSTALL THE EXISTING LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING.
5. CONNECT NEW LIGHT FIXTURES TO THE EXISITNG LIGHTING CIRCUITS AND CONTROLS. CONNECT NEW EMERGENCY TO NONSWITCHED HOT. REINSTALL THE EXISTING CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING. PROVIDE NEW SWITCHES AS REQUIRED.
6. A NEW ELECTRICAL SERVICE FOR A NEW SEWER PUMP. THERE IS AN EXISTING POLE MOUNTED 480V UTILITY TRANSFORMER THAT MAYBE USED. VERIFY THE VOLTAGE. COORDINATE WITH UTILITY CONTRACTOR TO PAY ALL FEES. SEE CIVIL DRAWINGS FOR MORE INFORMATION AND EXACT LOCATION. PROVIDE AND INSTALL A SERVICE ENTRANCE RATED 40A ECB NEMA 3R AND CONNECT TO THE PUMP CONTROLS WITH #8S.
7. CONNECT THE RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT THAT WAS SERVING THIS SPACE.
8. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'AN', 'A1' OR 'A2'.
9. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'FN', 'HPA' OR 'R3'.

Revisions:

#	Date	Description
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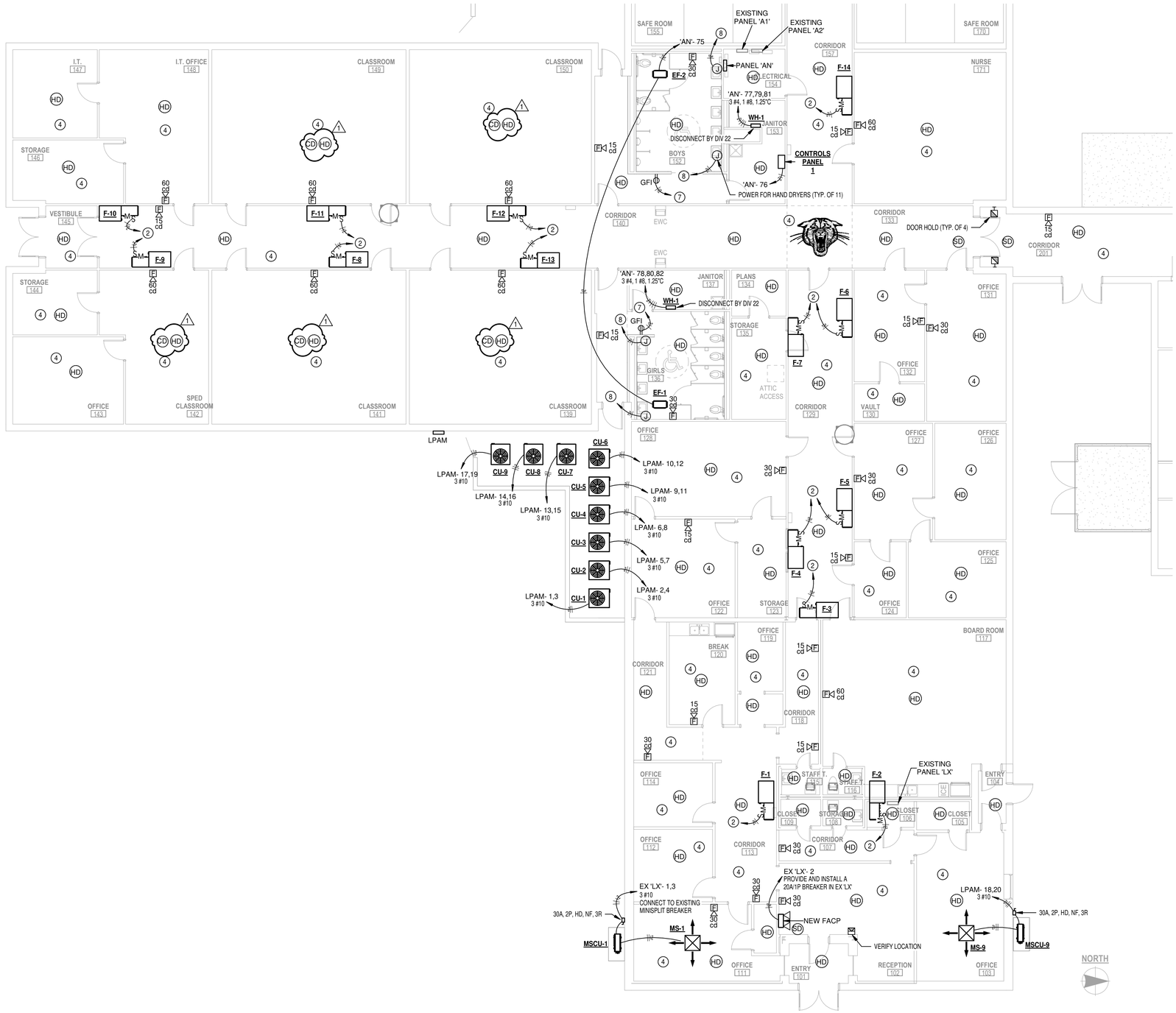
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID ATKINS
3-20-26

Sheet Name: OVERALL ATTIC PLAN - ELECTRICAL
Project No: 1631
Date: 3/20/26
Sheet No: E100



1 FLOOR PLAN AREA 'A' - ELECTRICAL

1/8" = 1'-0"

ELECTRICAL KEYED NOTES

1. THERE ARE TWO (2) EXISTING UTILITY TRANSFORMERS LOCATED ON THE NORTH AND SOUTH SIDE OF THE BUILDING. ON THE NORTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 173. ON THE SOUTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 130. TWO (2) NEW UNDERGROUND ELECTRICAL SECONDARY SERVICES SHALL BE 208Y/120V, 3-PHASE, 4-WIRE TO NEW ELECTRICAL GEAR ON EACH SIDE OF THE BUILDING. ELECTRICAL SERVICE WILL BE METERED AT THE ON-SITE PAD-MOUNTED TRANSFORMER. THE EXISTING SUBPANELS WILL CONTINUE TO FEED THE EXISTING GENERAL PURPOSE ELECTRICAL LOADS, COMMON AREA AND SITE LIGHTING, AND ANY HVAC EQUIPMENT THAT IS NOT IN SCOPE. SEE POWER RISERS AND PANEL SCHEDULES FOR MORE INFORMATION.
2. THE NEW FURNACES SHALL REUSE THE EXISTING FURNACE CIRCUITS. THE DISCONNECTS SHALL BE RELOCATED SO THERE IS NO REACHING OVER UNITS TO TURN POWER OFF. EXTEND WIRE AND CONDUIT AS NECESSARY.
3. THERE WILL BE A NEW FIRE PUMP INSTALLED WITH THE FIRE PROTECTION SPRINKLER SYSTEM. POWER FOR THE FIRE PUMP WILL BE DIRECTLY FROM THE SOUTH UTILITY TRANSFORMER AND A NEW 30KW DIESEL GENERATOR THROUGH THE ATS BY DIVISION 22.
4. REINSTALL THE EXISTING LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING.
5. CONNECT NEW LIGHT FIXTURES TO THE EXISITNG LIGHTING CIRCUITS AND CONTROLS. CONNECT NEW EMERGENCY TO NONSWITCHED HOT. REINSTALL THE EXISTING CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING. PROVIDE NEW SWITCHES AS REQUIRED.
6. A NEW ELECTRICAL SERVICE FOR A NEW SEWER PUMP. THERE IS AN EXISTING POLE MOUNTED 480V UTILITY TRANSFORMER THAT MAYBE USED. VERIFY THE VOLTAGE. COORDINATE WITH UTILITY. CONTRACTOR TO PAY ALL FEES. SEE CIVIL DRAWINGS FOR MORE INFORMATION AND EXACT LOCATION. PROVIDE AND INSTALL A SERVICE ENTRANCE RATED 40A ECB NEMA 3R AND CONNECT TO THE PUMP CONTROLS WITH #8S.
7. CONNECT THE RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT THAT WAS SERVING THIS SPACE.
8. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'AN', 'A1' OR 'A2'.
9. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'FN', 'HPA' OR 'R3'.

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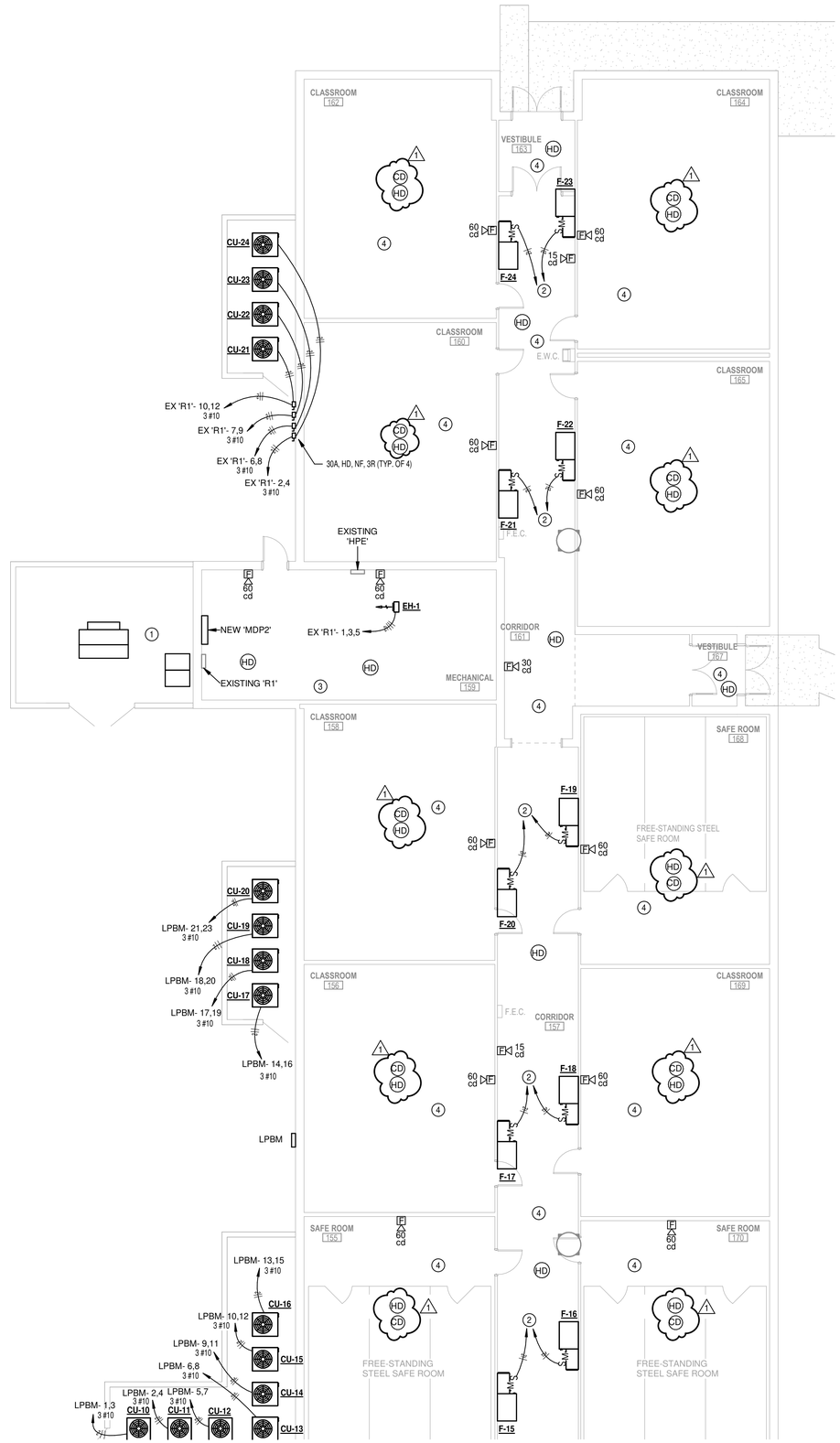
KEYPLAN

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID ANDREWS
3-20-26

Sheet Name: FLOOR PLAN AREA 'A' - ELECTRICAL	
Project No: 1631	Date: 3/20/26
Sheet No: E101	



1 **FLOOR PLAN AREA 'B' - ELECTRICAL**
1/8" = 1'-0"

ELECTRICAL KEYED NOTES

1. THERE ARE TWO (2) EXISTING UTILITY TRANSFORMERS LOCATED ON THE NORTH AND SOUTH SIDE OF THE BUILDING. ON THE NORTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 173. ON THE SOUTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 130. TWO (2) NEW UNDERGROUND ELECTRICAL SECONDARY SERVICES SHALL BE 208Y/120V, 3-PHASE, 4-WIRE TO NEW ELECTRICAL GEAR ON EACH SIDE OF THE BUILDING. ELECTRICAL SERVICE WILL BE METERED AT THE ON-SITE PAD-MOUNTED TRANSFORMER. THE EXISTING SUBPANELS WILL CONTINUE TO FEED THE EXISTING GENERAL PURPOSE ELECTRICAL LOADS, COMMON AREA AND SITE LIGHTING, AND ANY HVAC EQUIPMENT THAT IS NOT IN SCOPE. SEE POWER RISERS AND PANEL SCHEDULES FOR MORE INFORMATION.
2. THE NEW FURNACES SHALL REUSE THE EXISTING FURNACE CIRCUITS. THE DISCONNECTS SHALL BE RELOCATED SO THERE IS NO REACHING OVER UNITS TO TURN POWER OFF. EXTEND WIRE AND CONDUIT AS NECESSARY.
3. THERE WILL BE A NEW FIRE PUMP INSTALLED WITH THE FIRE PROTECTION SPRINKLER SYSTEM. POWER FOR THE FIRE PUMP WILL BE DIRECTLY FROM THE SOUTH UTILITY TRANSFORMER AND A NEW 30KW DIESEL GENERATOR THROUGH THE ATS BY DIVISION 22.
4. REINSTALL THE EXISTING LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING.
5. CONNECT NEW LIGHT FIXTURES TO THE EXISITNG LIGHTING CIRCUITS AND CONTROLS. CONNECT NEW EMERGENCY TO NONSWITCHED HOT. REINSTALL THE EXISTING CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING. PROVIDE NEW SWITCHES AS REQUIRED.
6. A NEW ELECTRICAL SERVICE FOR A NEW SEWER PUMP. THERE IS AN EXISTING POLE MOUNTED 480V UTILITY TRANSFORMER THAT MAYBE USED. VERIFY THE VOLTAGE. COORDINATE WITH UTILITY. CONTRACTOR TO PAY ALL FEES. SEE CIVIL DRAWINGS FOR MORE INFORMATION AND EXACT LOCATION. PROVIDE AND INSTALL A SERVICE ENTRANCE RATED 40A ECB NEMA 3R AND CONNECT TO THE PUMP CONTROLS WITH #8S.
7. CONNECT THE RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT THAT WAS SERVING THIS SPACE.
8. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'AN', 'A1' OR 'A2'.
9. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'FN', 'HPA' OR 'R3'.

KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
221 N. Pine Ave. Trumann, Arkansas 72472

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No. 78
ARKANSAS ENGINEER
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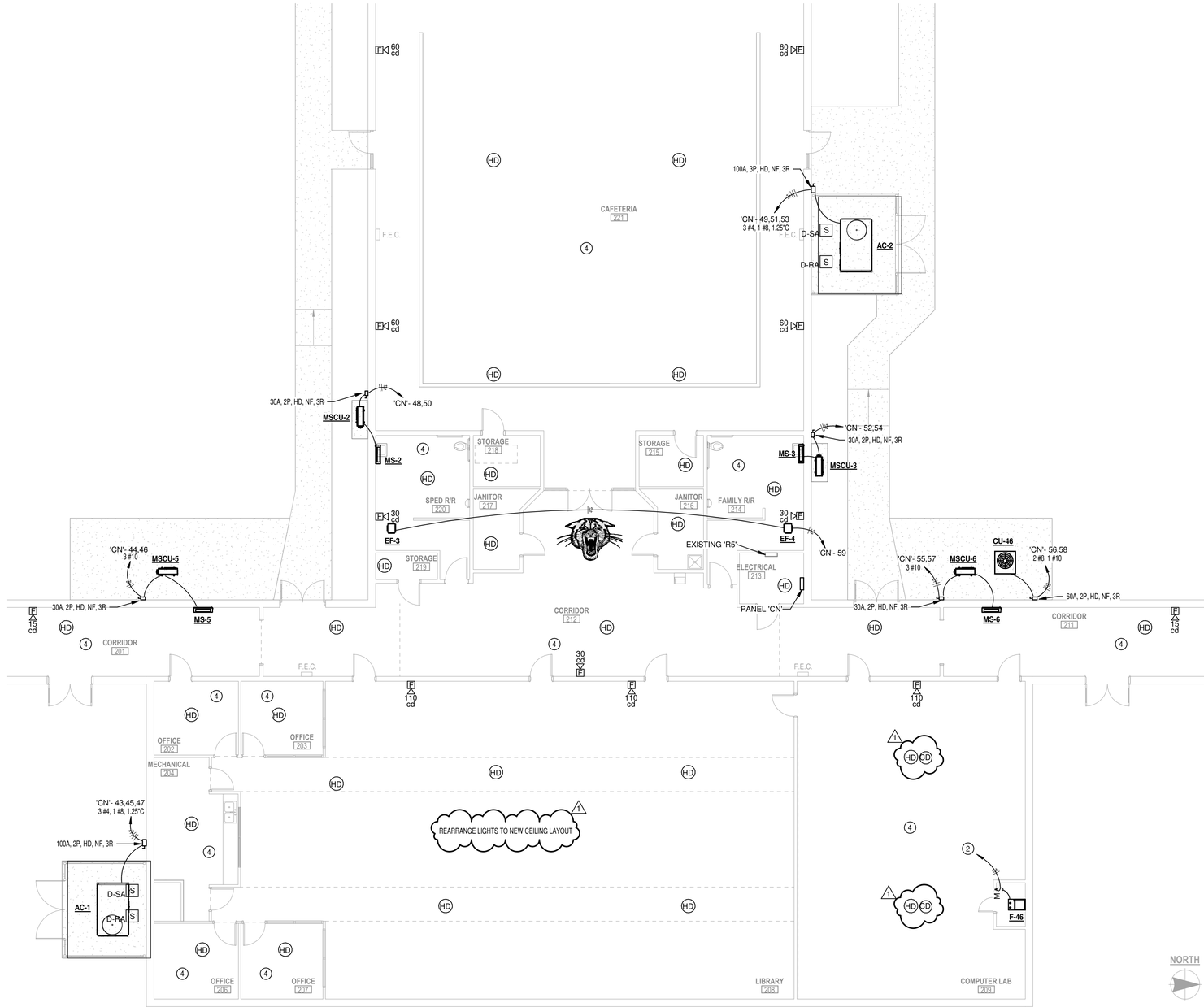
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID PETTIT
4-20-26

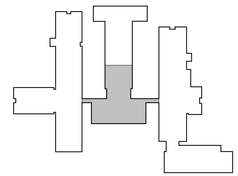
Sheet Name: FLOOR PLAN AREA 'B' - ELECTRICAL	
Project No: 1631	Date: 3/20/26
Sheet No: E102	

ELECTRICAL KEYED NOTES

1. THERE ARE TWO (2) EXISTING UTILITY TRANSFORMERS LOCATED ON THE NORTH AND SOUTH SIDE OF THE BUILDING. ON THE NORTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 173. ON THE SOUTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 130. TWO (2) NEW UNDERGROUND ELECTRICAL SECONDARY SERVICES SHALL BE 208Y120V, 3-PHASE, 4-WIRE TO NEW ELECTRICAL GEAR ON EACH SIDE OF THE BUILDING. ELECTRICAL SERVICE WILL BE METERED AT THE ON-SITE PAD-MOUNTED TRANSFORMER. THE EXISTING SUBPANELS WILL CONTINUE TO FEED THE EXISTING GENERAL PURPOSE ELECTRICAL LOADS, COMMON AREA AND SITE LIGHTING, AND ANY HVAC EQUIPMENT THAT IS NOT IN SCOPE. SEE POWER RISERS AND PANEL SCHEDULES FOR MORE INFORMATION.
2. THE NEW FURNACES SHALL REUSE THE EXISTING FURNACE CIRCUITS. THE DISCONNECTS SHALL BE RELOCATED SO THERE IS NO REACHING OVER UNITS TO TURN POWER OFF. EXTEND WIRE AND CONDUIT AS NECESSARY.
3. THERE WILL BE A NEW FIRE PUMP INSTALLED WITH THE FIRE PROTECTION SPRINKLER SYSTEM. POWER FOR THE FIRE PUMP WILL BE DIRECTLY FROM THE SOUTH UTILITY TRANSFORMER AND A NEW 30KW DIESEL GENERATOR THROUGH THE ATS BY DIVSION 22.
4. REINSTALL THE EXISTING LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING.
5. CONNECT NEW LIGHT FIXTURES TO THE EXISITNG LIGHTING CIRCUITS AND CONTROLS. CONNECT NEW EMERGENCY TO NONSWITCHED HOT. REINSTALL THE EXISTING CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING. PROVIDE NEW SWITCHES AS REQUIRED.
6. A NEW ELECTRICAL SERVICE FOR A NEW SEWER PUMP. THERE IS AN EXISTING POLE MOUNTED 480V UTILITY TRANSFORMER THAT MAYBE USED. VERIFY THE VOLTAGE. COORDINATE WITH UTILITY. CONTRACTOR TO PAY ALL FEES. SEE CIVIL DRAWINGS FOR MORE INFORMATION AND EXACT LOCATION. PROVIDE AND INSTALL A SERVICE ENTRANCE RATED 40A ECB NEMA 3R AND CONNECT TO THE PUMP CONTROLS WITH #8S.
7. CONNECT THE RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT THAT WAS SERVING THIS SPACE.
8. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'AN', 'A1' OR 'A2'.
9. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'FN', 'HPA' OR 'R3'.



1 **FLOOR PLAN AREA 'C' - ELECTRICAL**
1/8" = 1'-0"



KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
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ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID LEWIS
5-20-26

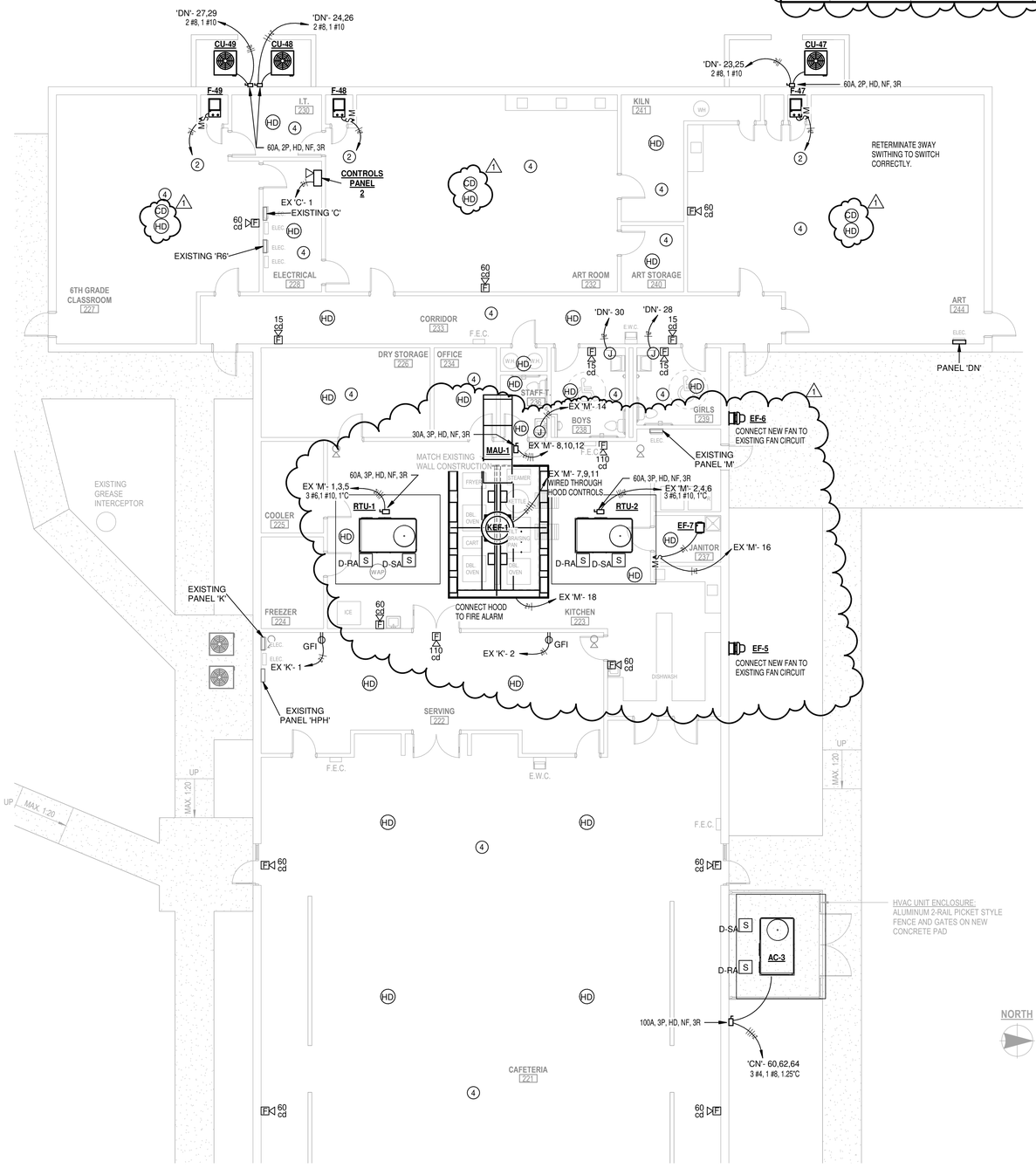
Sheet Name: FLOOR PLAN AREA 'C' - ELECTRICAL	
Project No: 1631	Date: 3/20/26
Sheet No: E103	

LIGHT FIXTURE SCHEDULE

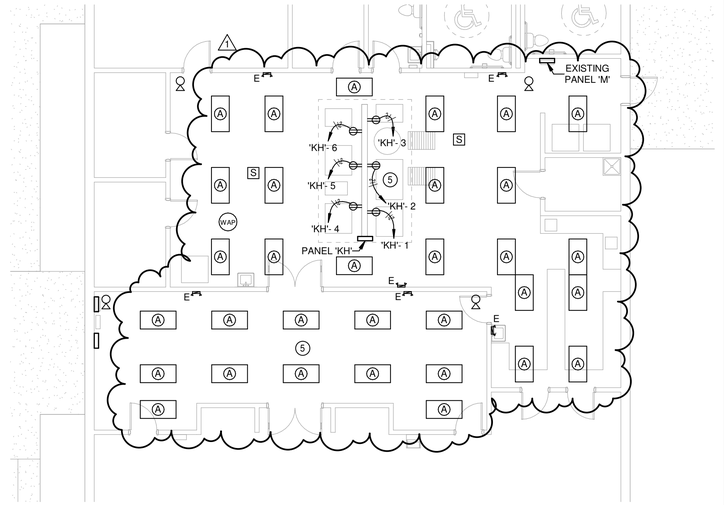
TYPE MARK	MANUFACTURER	MODEL	ELECTRICAL DATA	DESCRIPTION
A	LITHONIA	CPANL 2X4 AL06 SWW7 M2	120 V/1-55 VA	2'X4' FLAT PANEL
B	LITHONIA	PINE P1 90CRI 40K MVOLT 150EG FLC KM PM60C XX	120 V/1-33 VA	FLAG POLE LIGHT. FINSIH BY ARCHITECT.
E	LITHONIA	ELM6L UVOLT LTP SDRT	120 V/1-10 VA	EMERGENCY LIGHT

ELECTRICAL KEYED NOTES

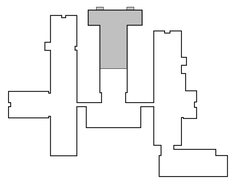
1. THERE ARE TWO (2) EXISTING UTILITY TRANSFORMERS LOCATED ON THE NORTH AND SOUTH SIDE OF THE BUILDING. ON THE NORTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 173. ON THE SOUTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 130. TWO (2) NEW UNDERGROUND ELECTRICAL SECONDARY SERVICES SHALL BE 208Y/120V, 3-PHASE, 4-WIRE TO NEW ELECTRICAL GEAR ON EACH SIDE OF THE BUILDING. ELECTRICAL SERVICE WILL BE METERED AT THE ON-SITE PAD-MOUNTED TRANSFORMER. THE EXISTING SUBPANELS WILL CONTINUE TO FEED THE EXISTING GENERAL PURPOSE ELECTRICAL LOADS, COMMON AREA AND SITE LIGHTING, AND ANY HVAC EQUIPMENT THAT IS NOT IN SCOPE. SEE POWER RISERS AND PANEL SCHEDULES FOR MORE INFORMATION.
2. THE NEW FURNACES SHALL REUSE THE EXISTING FURNACE CIRCUITS. THE DISCONNECTS SHALL BE RELOCATED SO THERE IS NO REACHING OVER UNITS TO TURN POWER OFF. EXTEND WIRE AND CONDUIT AS NECESSARY.
3. THERE WILL BE A NEW FIRE PUMP INSTALLED WITH THE FIRE PROTECTION SPRINKLER SYSTEM. POWER FOR THE FIRE PUMP WILL BE DIRECTLY FROM THE SOUTH UTILITY TRANSFORMER AND A NEW 30KW DIESEL GENERATOR THROUGH THE ATS BY DIVSION 22.
4. REINSTALL THE EXISTING LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING.
5. CONNECT NEW LIGHT FIXTURES TO THE EXISITNG LIGHTING CIRCUITS AND CONTROLS. CONNECT NEW EMERGENCY TO NONSWITCHED HOT. REINSTALL THE EXISTING CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING. PROVIDE NEW SWITCHES AS REQUIRED.
6. A NEW ELECTRICAL SERVICE FOR A NEW SEWER PUMP. THERE IS AN EXISTING POLE MOUNTED 480V UTILITY TRANSFORMER THAT MAYBE USED. VERIFY THE VOLTAGE. COORDINATE WITH UTILITY. CONTRACTOR TO PAY ALL FEES. SEE CIVIL DRAWINGS FOR MORE INFORMATION AND EXACT LOCATION. PROVIDE AND INSTALL A SERVICE ENTRANCE RATED 40A ECB NEMA 3R AND CONNECT TO THE PUMP CONTROLS WITH #8S.
7. CONNECT THE RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT THAT WAS SERVING THIS SPACE.
8. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'AN', 'A1' OR 'A2'.
9. CONNECT NEW CIRCUIT TO SPARE 20A SINGLE POLE BREAKER IN PANEL 'FN', 'HPA' OR 'R3'.



1 FLOOR PLAN AREA 'D' - ELECTRICAL
1/8" = 1'-0"



2 PARTIAL FLOOR PLAN AREA 'D' - LIGHTING
1/8" = 1'-0"



KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
221 N. Pine Ave. Trumann, Arkansas 72472

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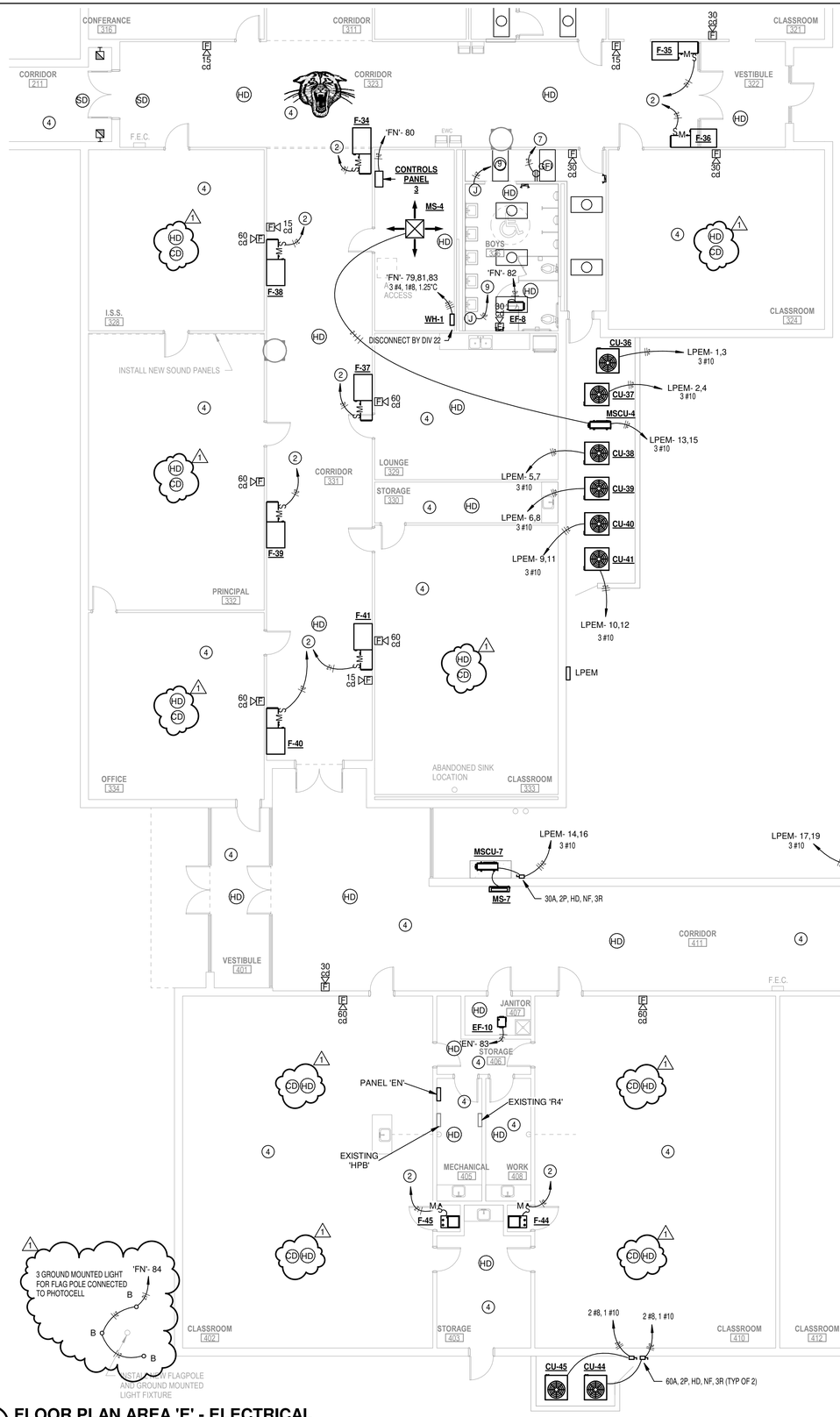
ARKANSAS ENGINEER

Sheet Name: FLOOR PLAN AREA 'D' - ELECTRICAL	
Project No: 1631	Date: 3/20/26
Sheet No: E104	

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID ALTOM
3-20-26



1 **FLOOR PLAN AREA 'E' - ELECTRICAL**
1/8" = 1'-0"

480V DUAL 7.5 HP SEWER PUMPS BY CIVIL WITH NEW ELECTRICAL SERVICE. SEE CIVIL FOR EXACT LOCATION.

ELECTRICAL KEYED NOTES

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3. THERE WILL BE A NEW FIRE PUMP INSTALLED WITH THE FIRE PROTECTION SPRINKLER SYSTEM. POWER FOR THE FIRE PUMP WILL BE DIRECTLY FROM THE SOUTH UTILITY TRANSFORMER AND A NEW 30KW DIESEL GENERATOR THROUGH THE ATS BY DIVSION 22.
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KEYPLAN

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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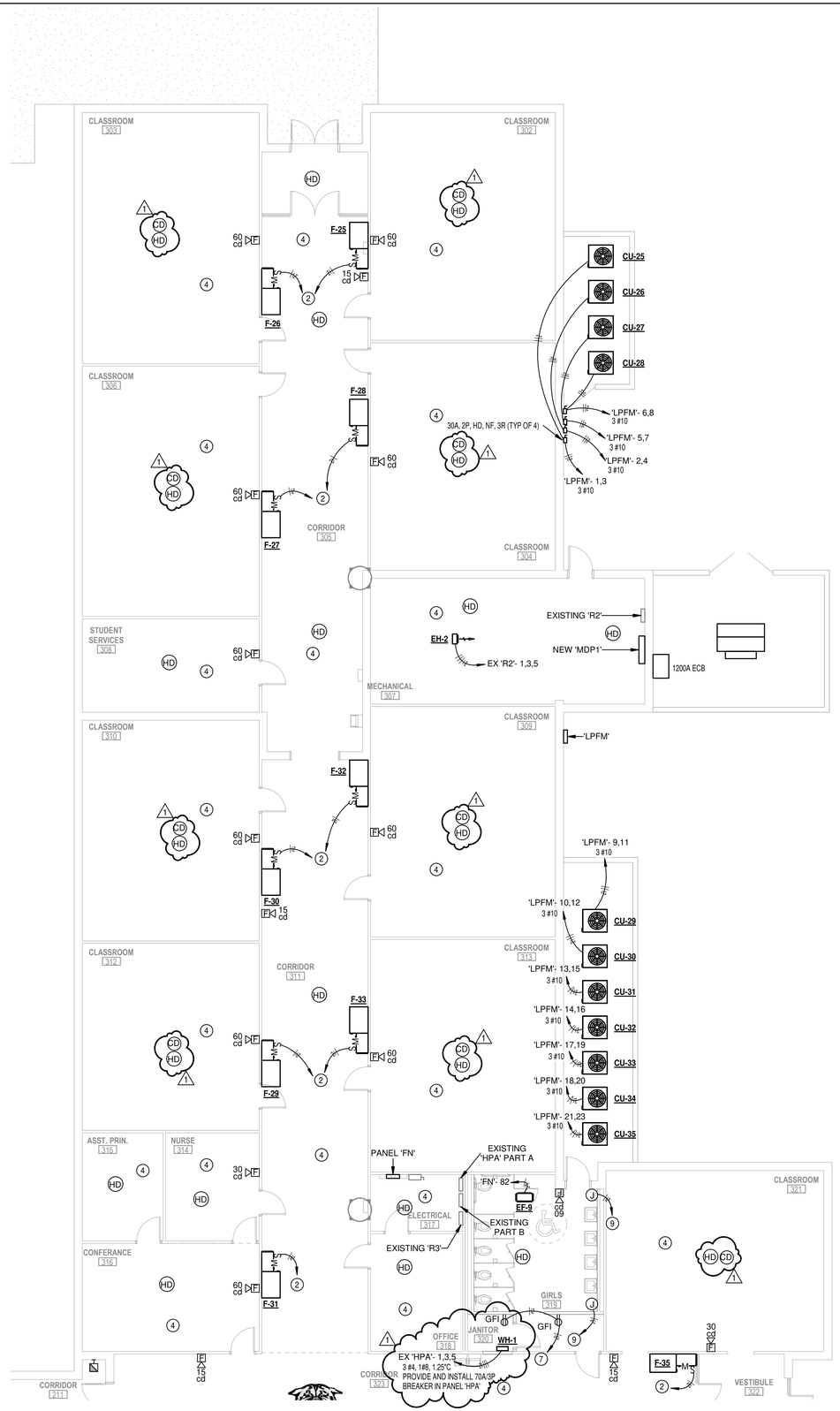
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID PETTIT
4-20-26

Sheet Name: FLOOR PLAN AREA 'E' - ELECTRICAL	
Project No: 1631	Date: 3/20/26
Sheet No: E105	



1 FLOOR PLAN AREA 'F' - ELECTRICAL

1/8" = 1'-0"

ELECTRICAL KEYED NOTES

1. THERE ARE TWO (2) EXISTING UTILITY TRANSFORMERS LOCATED ON THE NORTH AND SOUTH SIDE OF THE BUILDING. ON THE NORTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 173. ON THE SOUTH SIDE, THE UTILITY TRANSFORMER FEEDS A MDP IN MECH ROOM 130. TWO (2) NEW UNDERGROUND ELECTRICAL SECONDARY SERVICES SHALL BE 208Y120V, 3-PHASE, 4-WIRE TO NEW ELECTRICAL GEAR ON EACH SIDE OF THE BUILDING. ELECTRICAL SERVICE WILL BE METERED AT THE ON-SITE PAD-MOUNTED TRANSFORMER. THE EXISTING SUBPANELS WILL CONTINUE TO FEED THE EXISTING GENERAL PURPOSE ELECTRICAL LOADS, COMMON AREA AND SITE LIGHTING, AND ANY HVAC EQUIPMENT THAT IS NOT IN SCOPE. SEE POWER RISERS AND PANEL SCHEDULES FOR MORE INFORMATION.
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4. REINSTALL THE EXISTING LIGHTS, CAMERAS, SPEAKERS, AND WIFI ACCESS POINTS IN THE NEW CEILING.
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Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School Systems Replacement

FACILITIES #2526-5605-001

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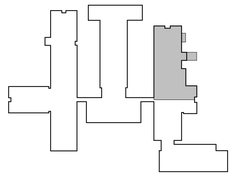
Sheet Name: FLOOR PLAN AREA 'F' - ELECTRICAL	
Project No: 1631	Date: 3/20/26
Sheet No: E106	



KEYPLAN

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
BRYAN DAVID ALTOM
3-20-26

LIGHT FIXTURE SCHEDULE

TYPE MARK	MANUFACTURER	MODEL	ELECTRICAL DATA	DESCRIPTION
A	LITHONIA	CPANL 2X4 AL06 SWW7 M2	120 V/1-55 VA	2'X4' FLAT PANEL
B	LITHONIA	PINE P1 90CRI 40K MVOLT 15DEG FLC KM PM60C XX	120 V/1-33 VA	FLAG POLE LIGHT. FINSIH BY ARCHITECT.
E	LITHONIA	ELM6L UVOLT LTP SDRT	120 V/1-10 VA	EMERGENCY LIGHT

ELECTRICAL KEYED NOTES

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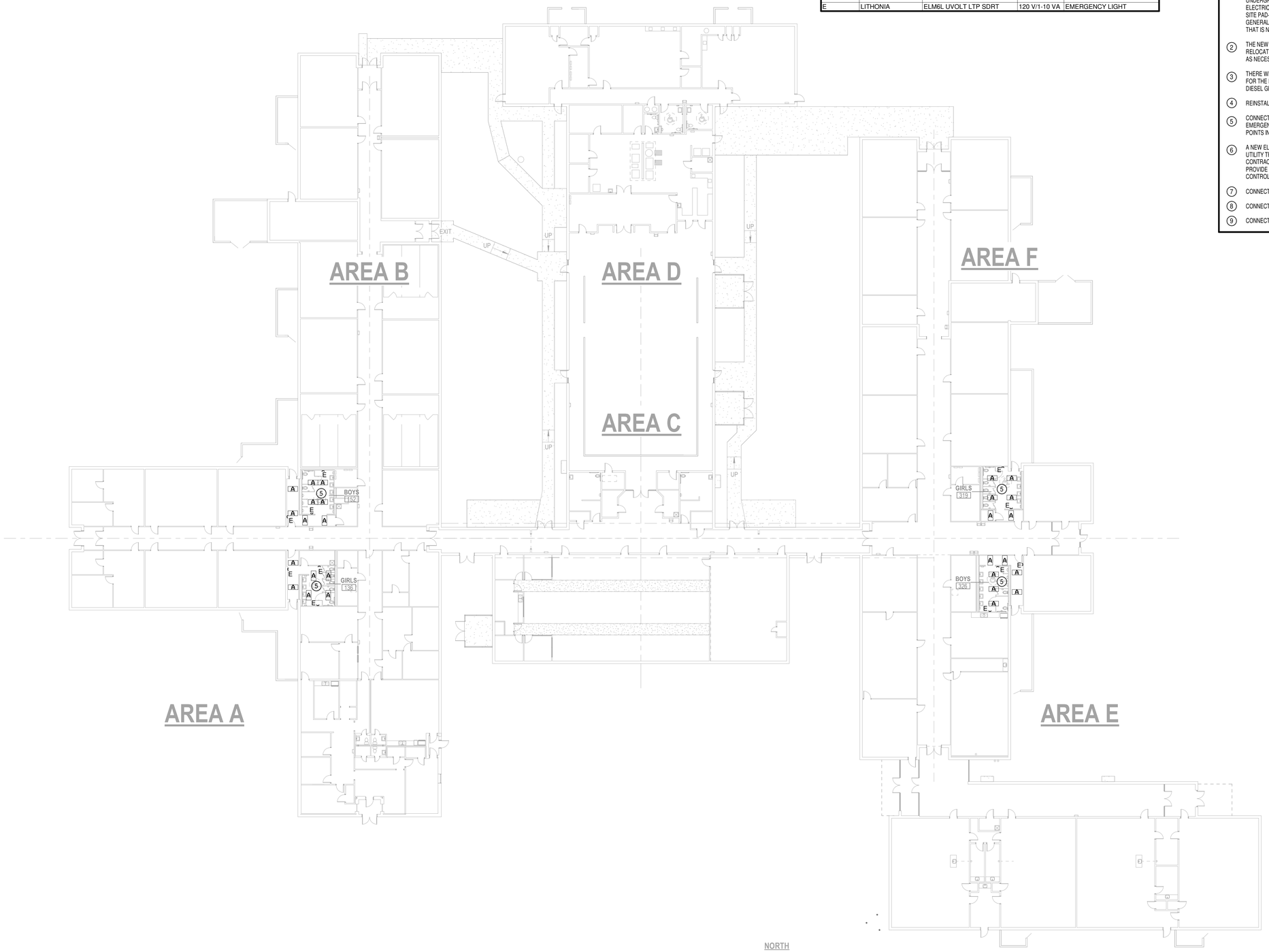

1 OVERALL FLOOR PLAN - LIGHTING
1" = 20'-0"

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

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Systems Replacement
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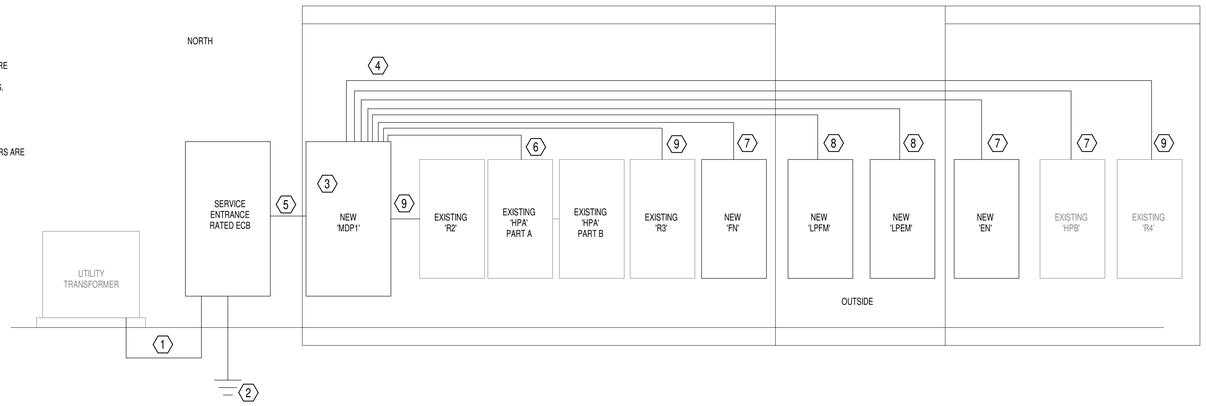
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID ARCHER
3-20-26

Sheet Name: OVERALL FLOOR PLAN - LIGHTING	
Project No: 1631	Date: 04/20/26
Sheet No: E107	

NORTH POWER RISER KEYED NOTES:

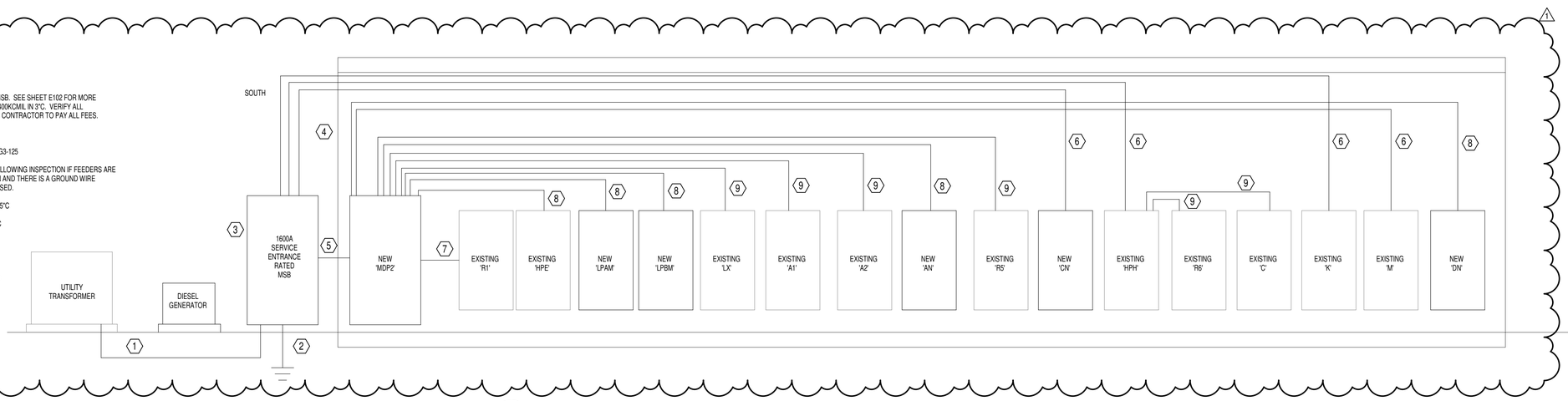
1. EXISTING 1200A SERVICE SHALL RUN TO NEW 'ECB'. SEE SHEET E106 FOR MORE INFORMATION. CONNECT WITH 4 SETS OF 4#350KCMIL 3.5"C. VERIFY ALL INSTALLATION REQUIREMENTS PRIOR TO BID. CONTRACTOR TO PAY ALL FEES.
2. GEC, SEE SERVICE GROUNDING DETAIL.
3. PROVIDE AND INSTALL CURRENT TECH SPD CG3-125
4. ALL PANEL FEEDERS SHALL BE REPLACED. FOLLOWING INSPECTION IF FEEDERS ARE DETERMINED TO BE IN SERVICIBLE CONDITION AND THERE IS A GROUND WIRE PRESENT, THE EXISTING FEEDER MAY BE REUSED.
5. 1200A FEEDER - (4 SETS) 4 350'S + 1 3/0EG IN 3.5"C
6. 600A FEEDER - (2 SETS) 4 350'S + 1 #1EG IN 3"C
7. 400A FEEDER - (2 SETS) 4 3/0'S + 1#3EG IN 2.5"C
8. 200A FEEDER - 4 3/0'S + 1#6EG IN 2.5"C
9. 100A FEEDER - (2 SETS) 4 #3'S + 1#8EG IN 1.5"C



1 NEW NORTH POWER RISER DIAGRAM
SCALE:N.T.S.

SOUTH POWER RISER KEYED NOTES:

1. NEW 1600A SERVICE SHALL BE RUN TO NEW MSB. SEE SHEET E102 FOR MORE INFORMATION. CONNECT WITH 5 SETS OF 4#400KCMIL IN 3"C. VERIFY ALL INSTALLATION REQUIREMENTS PRIOR TO BID. CONTRACTOR TO PAY ALL FEES.
2. GEC, SEE SERVICE GROUNDING DETAIL.
3. PROVIDE AND INSTALL CURRENT TECH SPD CG3-125
4. ALL PANEL FEEDERS SHALL BE REPLACED. FOLLOWING INSPECTION IF FEEDERS ARE DETERMINED TO BE IN SERVICIBLE CONDITION AND THERE IS A GROUND WIRE PRESENT, THE EXISTING FEEDER MAY BE REUSED.
5. 1200A FEEDER - (4 SETS) 4 350'S + 1 3/0EG IN 3.5"C
6. 400A FEEDER - (2 SETS) 4 3/0'S + 1#3EG IN 2.5"C
7. 225A FEEDER - 4 4/0'S + 1#4EG IN 2.5"C
8. 200A FEEDER - 4 3/0'S + 1#6EG IN 2.5"C
9. 100A FEEDER - (2 SETS) 4 #3'S + 1#8EG IN 1.5"C



2 NEW SOUTH POWER RISER DIAGRAM
SCALE:N.T.S.

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School Systems Replacement

FACILITIES #2526-5605-001

221 N. Pine Ave. Trumann, Arkansas 72472

STEILING ARCHITECTURE
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Corporate Seal

PETTIT & PETTIT CONSULTING ENGINEERS, INC. No. 78 — CORPORATE REGISTRATION — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 12363 — ANTHONY DAVID LINDSEY — 3-20-26

Sheet Name: ELECTRICAL RISERS	
Project No: 1631	Date: 3/20/26
Sheet No: E202	

Switchboard: MSB2

LOCATION:		**VOLTAGE:**	120/208 Wye	**COPPER BUS RATING:** 1600 A	**MAINS TYPE:**
MOUNTING:		**PHASE:**	3	**GROUND BUS:**	**MCB RATING:** 1600 A
ENCLOSURE:	3R	**WIRES:**	4	**MINIMUM A.I.C. RATING:** 65 (1)	**FED FROM:**
		MFR. AND TYPE	SWITCHBOARD	**SUBFEED LUGS:**	**NEUTRAL RATING:**

Circuit Number	Load Name	Circuit Breaker	A	B	C
1	'MDP2'	1200/3	94590 VA	83704 VA	85200 VA
2	EXISTING PANEL 'HPH'	400/3	500 VA	0 VA	0 VA
3	EXISTING PANEL 'K'	400/3	360 VA	0 VA	0 VA
4	PANEL 'CN'	400/3	31420 VA	31420 VA	25120 VA
5	CURRENTTECH SPD	VERIFY	--		
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
	Total Load:		126868 VA	115123 VA	110319 VA
	Total Amps:		1063 A	966 A	919 A

Load Classification	Connected Load	Demand Factor	Esitmated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	351810 VA
Receptacles	1440 VA	100.00%	1440 VA	**Total Estimated Demand:**	351810 VA
HVAC	309188 VA	100.00%	309188 VA	**Total Connect Current:**	977 A
Other	38484 VA	100.00%	38484 VA	**Total Est. Demand Current:**	977 A
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes: * TOTAL LOAD DOES NOT INCLUDE EXISTING LOADS *
SERVICE ENTRANCE RATED

GFI PROTECTED MAIN (1)

Switchboard: 'MDP2'

LOCATION:	MECHANICAL 159	**VOLTAGE:**	120/208 Wye	**COPPER BUS RATING:** 1200 A	**MAINS TYPE:** MLO
MOUNTING:	Wall Mounted	**PHASE:**	3	**GROUND BUS:**	**MCB RATING:** 1 A
ENCLOSURE:		**WIRES:**	4	**MINIMUM A.I.C. RATING:** 65 (1)	**FED FROM:** MSB2
		MFR. AND TYPE	SQUARE D I-LINE	**SUBFEED LUGS:**	**NEUTRAL RATING:**

Circuit Number	Load Name	Circuit Breaker	A	B	C
1	EXISTING PANEL 'R1'	225/3	9814 VA	9814 VA	7025 VA
2	EXISTING PANEL 'HPE'	200/3	0 VA	0 VA	0 VA
3	PANEL 'DN'	200/3	7500 VA	4250 VA	11750 VA
4	PANEL 'LPBM'	200/3	22480 VA	19670 VA	19670 VA
5	EXISTING PANEL 'A1'	100/3	0 VA	0 VA	0 VA
6	EXISTING PANEL 'A2'	100/3	0 VA	0 VA	0 VA
7	PANEL 'AN'	200/3	12467 VA	13967 VA	12467 VA
8	PANEL 'LPAM'	200/3	22270 VA	16860 VA	16650 VA
9	EXISTING PANEL 'LX'	100/3	3100 VA	2600 VA	0 VA
10	EXISTING PANEL 'R5'	100/3	0 VA	0 VA	0 VA
11	EXISTING PANEL 'M'	400/3	17004 VA	16588 VA	17704 VA
12	SPARE	200/3	0 VA		
	Total Load:		94590 VA	83704 VA	85200 VA
	Total Amps:		790 A	698 A	712 A

Load Classification	Connected Load	Demand Factor	Esitmated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	262994 VA
Receptacles	1080 VA	100.00%	1080 VA	**Total Estimated Demand:**	262994 VA
HVAC	221234 VA	100.00%	221234 VA	**Total Connect Current:**	730 A
Other	37984 VA	100.00%	37984 VA	**Total Est. Demand Current:**	730 A
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: 'AN'

LOCATION:	ELECTRICAL 154	**VOLTAGE:**	120/208 Wye	**COPPER BUS RATING:** 200 A	**MAINS TYPE:**
MOUNTING:	SURFACE	**PHASE:**	3	**GROUND BUS:**	**MCB RATING:**
ENCLOSURE:	TYPE 1	**WIRES:**	4	**MINIMUM A.I.C. RATING:** 22 (1)	**FED FROM:** 'MDP2'
		MFR. AND TYPE:	SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**

Circuit #	Load Name	BRKR	A	B	C	BRKR	Load Name	Circuit #
1	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	2
3	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	4
5	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	6
7	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	8
9	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	10
11	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	12
13	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	14
15	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	16
17	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	18
19	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	20
21	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	22
23	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	24
25	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	26
27	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	28
29	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	30
31	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	32
33	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	34
35	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	36
37	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	38
39	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	40
41	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	42
43	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	44
45	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	46
47	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	48
49	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	50
51	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	52
53	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	54
55	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	56
57	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	58
59	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	60
61	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	62
63	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	64
65	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	66
67	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	68
69	EXISTING LOAD	20/1		--		20/1	EXISTING LOAD	70
71	EXISTING LOAD	20/1			--	20/1	EXISTING LOAD	72
73	EXISTING LOAD	20/1	--			20/1	EXISTING LOAD	74
75	EF-1 & EF-2	20/1		1000	500	20/1	HVAC CONTROL PANEL	76
77	WH-2	70/3	6233	6233		70/3	WH-2	78
79					6233			80
81				6233	6233			82
83		20/1				20/1		84
	Total Load:		12467 VA	13967 VA	12467 VA			
	Total Amps:		104 A	116 A	104 A			

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	38900 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	38900 VA
HVAC	1000 VA	100.00%	1000 VA	**Total Connected...**	108 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	108 A
Other	37900 VA	100.00%	37900 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: LPAM

LOCATION:		**VOLTAGE:**	120/208 Wye	**COPPER BUS RATING:** 200 A	**MAINS TYPE:**
MOUNTING:	SURFACE	**PHASE:**	3	**GROUND BUS:**	**MCB RATING:**
ENCLOSURE:	TYPE 3R	**WIRES:**	4	**MINIMUM A.I.C. RATING:** 10 (1)	**FED FROM:** 'MDP2'
		MFR. AND TYPE:	SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**

Circuit #	Load Name	BRKR	A	B	C	BRKR	Load Name	Circuit #
1	CU-1	30/2	2810	2810		20/2	CU-2	2
3					2810			4
5	CU-3	30/2			2810	30/2	CU-4	6
7			2810	2810				8
9	CU-5	30/2			2810	30/2	CU-6	10
11					2810			12
13	CU-7	30/2	2810	2810		30/2	CU-8	14
15					2810			16
17	CU-9	30/2			2810	30/2	MS-9 & MSCU-9	18
19			2810	2600				20
21	SPARE	20/1			0	20/1	SPARE	22
23	SPARE	20/1			0	20/1	SPARE	24
	Total Load:		22270 VA	16860 VA	16650 VA			
	Total Amps:		186 A	141 A	139 A			

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	55780 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	55780 VA
HVAC	55780 VA	100.00%	55780 VA	**Total Connected...**	155 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	155 A
Other	0 VA	0.00%	0 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: LPBM

LOCATION:		**VOLTAGE:**	120/208 Wye	**COPPER BUS RATING:** 200 A	**MAINS TYPE:**
MOUNTING:	SURFACE	**PHASE:**	3	**GROUND BUS:**	**MCB RATING:**
ENCLOSURE:	TYPE 3R	**WIRES:**	4	**MINIMUM A.I.C. RATING:** 22 (1)	**FED FROM:** 'MDP2'
		MFR. AND TYPE:	SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**

Circuit #	Load Name	BRKR	A	B	C	BRKR	Load Name	Circuit #
1	CU-10	30/2	2810	2810		30/2	CU-11	2
3					2810			4
5	CU-12	30/2			2810	30/2	CU-13	6
7			2810	2810				8
9	CU-14	30/2			2810	30/2	CU-15	10
11					2810			12
13	CU-16	30/2	2810	2810		30/2	CU-17	14
15					2810			16
17	CU-18	30/2			2810	30/2	CU-19	18
19			2810	2810				20
21	CU-20	30/2		2810				22
23					2810			24
25								26
27								28
29								30
	Total Load:		22480 VA	19670 VA	19670 VA			
	Total Amps:		187 A	164 A	164 A			

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	61820 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	61820 VA
HVAC	61820 VA	100.00%	61820 VA	**Total Connected...**	172 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	172 A
Other	0 VA	0.00%	0 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
221 N. Pine Ave. Trumann, Arkansas 72472

STEILING ARCHITECTURE
2912 Longview Dr. • Jonesboro, AR 72401
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Corporate Seal
CORPORATE REGISTRATION
PETTIT & PETTIT CONSULTING ENGINEERS, INC. No. 78
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12363
ANTHONY DAVID ALVERSON
3-20-26

Sheet Name: ELECTRICAL SCHEDULES

Project No: 1631 | Date: 3/20/26

Sheet No: E401

Panelboard: 'CN'

LOCATION: ELECTRICAL 213	**PHASE:** 3	**GROUND BUS:**		**MCB RATING:**	
MOUNTING: SURFACE	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 10 (1)		**FED FROM:**	MSB2
ENCLOSURE: TYPE 1	**MFR. AND TYPE:**	SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	2
3	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	4
5	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	6
7	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	8
9	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	10
11	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	12
13	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	14
15	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	16
17	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	18
19	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	20
21	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	22
23	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	24
25	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	26
27	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	28
29	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	30
31	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	32
33	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	34
35	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	36
37	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	38
39	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	40
41	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	42
43	AC-1	80/3	7207	2400					25/2	MS-5 & MSCU-5	44
45					7207	2400					46
47							7207	1250	15/2	MS-2 & MSCU-2	48
49	AC-2	80/3	7207	1250							50
51					7207	1250			15/2	MS-3 & MSCU-3	52
53							7207	1250			54
55	MS-6 & MSCU-6	25/2	2400	3750					50/2	CU-46	56
57					2400	3750					58
59	EF-3 & EF-4	20/1					1000	7207			60
61	SPARE	20/1	0	7207					80/3	AC-5	62
63	SPARE	20/1			0	7207					64
65	SPARE	20/1					0	0	20/1	SPARE	66
67	SPARE	20/1	0	0					20/1	SPARE	68
69	SPARE	20/1			0	0			20/1	SPARE	70
71	SPARE	20/1					0	0	20/1	SPARE	72
73	SPARE	20/1	0	0					20/1	SPARE	74
75	SPARE	20/1			0	0			20/1	SPARE	76
77	SPARE	20/1					0	0	20/1	SPARE	78
79	SPARE	20/1	0	0					20/1	SPARE	80
81	SPARE	20/1			0	0			20/1	SPARE	82
83	SPARE	20/1					0	0	20/1	SPARE	84
	Total Load:		31420 VA		31420 VA		25120 VA				
	Total Amps:		270 A		270 A		209 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	87960 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	87960 VA
HVAC	87960 VA	100.00%	87960 VA	**Total Connected...**	244 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	244 A
Other	0 VA	0.00%	0 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: 'DN'

LOCATION: ART 244	**PHASE:** 3	**GROUND BUS:**		**MCB RATING:**	
MOUNTING: Recessed	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 10 (1)		**FED FROM:**	'MDP2'
ENCLOSURE: Type 1	**MFR. AND TYPE:**	SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	2
3	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	4
5	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	6
7	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	8
9	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	10
11	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	12
13	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	14
15	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	16
17	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	18
19	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	20
21	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	22
23	CU-47	50/2					3750	3750	50/2	CU-48	24
25			3750	3750							26
27	CU-49	50/2			3750	500			20/1	HAND DRYER	28
29							3750	500	20/1	HAND DRYER	30
	Total Load:		7500 VA		4250 VA		11750 VA				
	Total Amps:		67 A		35 A		102 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	23500 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	23500 VA
HVAC	22500 VA	100.00%	22500 VA	**Total Connected...**	65 A
Power	1000 VA	100.00%	1000 VA	**Total Est. Demand...**	65 A
Other	0 VA	0.00%	0 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Switchboard: 'MDP1'

LOCATION: MECHANICAL 307	**PHASE:** 3	**GROUND BUS:**		**MCB RATING:**	1 A
MOUNTING: Wall Mounted	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 65 (1)		**FED FROM:**	
ENCLOSURE:	**MFR. AND TYPE**	SQUARE D I-LINE	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit Number	Load Name	Circuit Breaker	A	B	C
1	EXISTING PANEL 'R2'	100/3	1667 VA	1667 VA	1667 VA
2	PANEL 'LPFM'	200/3	22480 VA	19670 VA	19670 VA
3	PANEL 'FN'	400/3	6733 VA	7233 VA	6332 VA
4	EXISTING PANEL 'HPA'	600/3	6233 VA	6233 VA	6233 VA
5	EXISTING PANEL 'R3'	100/3	0 VA	0 VA	0 VA
6	PANEL 'LPEM'	200/3	18240 VA	15940 VA	13540 VA
7	PANEL 'EN'	400/3	0 VA	0 VA	84 VA
8	EXISTING 'HPB'	400/3	0 VA	0 VA	0 VA
9	EXISTING 'R4'	100/3	0 VA	0 VA	0 VA
10	SPARE	200/3	0 VA		
11	SPARE	200/3	0 VA		
12					
	Total Load:		55029 VA	50420 VA	47204 VA
	Total Amps:		463 A	424 A	393 A

Load Classification	Connected Load	Demand Factor	Esitmated Demand	Panel Totals	
Lighting	99 VA	125.00%	124 VA	**Total Connected Load:**	152652 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated Demand:**	152677 VA
HVAC	105383 VA	100.00%	105383 VA	**Total Connect Current:**	424 A
Other	47184 VA	100.00%	47184 VA	**Total Est. Demand Current:**	424 A
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:
* TOTAL LOAD DOES NOT INCLUDE EXISTING LOADS
GFI PROTECTED MAIN

Panelboard: 'KH'

LOCATION: KITCHEN 223	**PHASE:** 3	**GROUND BUS:**		**MCB RATING:**	
MOUNTING: SURFACE	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 10		**FED FROM:**	EX 'M'
ENCLOSURE: TYPE 3R	**MFR. AND TYPE:**	SQUARE D NQ	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1	Receptacle	20/1	180	180					20/1	Receptacle	2
3	Receptacle	20/1			180	180			20/1	Receptacle	4
5	Receptacle	20/1					180	180	20/1	Receptacle	6
7											8
9											10
11											12
	Total Load:		360 VA		360 VA		360 VA				
	Total Amps:		3 A		3 A		3 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	1080 VA
Receptacles	1080 VA	100.00%	1080 VA	**Total Estimated...**	1080 VA
HVAC	0 VA	0.00%	0 VA	**Total Connected...**	3 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	3 A
Other	0 VA	0.00%	0 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: EX 'M'

LOCATION: KITCHEN 223	**PHASE:** 3	**GROUND BUS:**		**MCB RATING:**	(1)
MOUNTING: Recessed	**WIRES:** 4	**MINIMUM A.I.C. RATING:**		**FED FROM:**	'MDP2'
ENCLOSURE: Type 1	**MFR. AND TYPE:**	SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1			5167	5167							2
3	RTU-1	50/3			5167	5167			50/3	RTU-2	4
5							5167	5167			6
7			644	5167							8
9	KEF-1	20/3			644	5167			20/3	MAU-1	10
11							644	5167			12
13			360	500					20/1	HAND DRYER	14
15	PANEL 'KH'	20/3			360	84			20/1	EF-7	16
17							360	1200	20/1	KITCHEN HOOD	18
19	SHUNT TRIP SPACE		--	--						EXISTING LOAD	20
21	EXISTING LOAD				--	--				EXISTING LOAD	22
23	EXISTING LOAD						--	--		EXISTING LOAD	24
25	EXISTING LOAD		--	--						EXISTING LOAD	26
27	EXISTING LOAD				--	--				EXISTING LOAD	28
29	EXISTING LOAD						--	--		EXISTING LOAD	30
31	EXISTING LOAD		--	--						EXISTING LOAD	32
33	EXISTING LOAD				--	--				EXISTING LOAD	34
35	EXISTING LOAD						--	--		EXISTING LOAD	36
37	EXISTING LOAD		--	--						EXISTING LOAD	38
39	EXISTING LOAD				--	--				EXISTING LOAD	40
41	EXISTING LOAD						--	--		EXISTING LOAD	42
	Total Load:		17004 VA		16588 VA		17704 VA				
	Total Amps:		142 A		138 A		148 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	51297 VA
Receptacles	1080 VA	100.00%	1080 VA	**Total Estimated...**	51297 VA
HVAC	48433 VA	100.00%	48433 VA	**Total Connected...**	142 A
Power	1700 VA	100.00%	1700 VA	**Total Est. Demand...**	142 A
Other	84 VA	100.00%	84 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
221 N. Pine Ave. Trumann, Arkansas 72472

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No. 12363
ANTHONY DAVID PETTIT
3-20-26

Sheet Name: ELECTRICAL SCHEDULES
Project No: 1631
Date: 3/20/26
Sheet No: E402

Panelboard: LPEM

LOCATION:		**VOLTAGE:** 120/208 Wye	**COPPER BUS RATING:** 200 A	**MAINS TYPE:**	
MOUNTING:	SURFACE	**PHASE:** 3	**GROUND BUS:**	**MCB RATING:**	
ENCLOSURE:	TYPE 3R	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 10 (1)	**FED FROM:**	'MDP1'
		MFR. AND TYPE: SQUARE D NQ	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1	CU-36	30/2	2810	2810					30/2	CU-37	2
3					2810	2810					4
5	CU-38	30/2					2810	2810	30/2	CU-39	6
7			2810	2810							8
9	CU-40	30/2			2810	2810			30/2	CU-41	10
11							2810	2810			12
13	MS-4 & MSCU-4	35/2	2300	2400					25/2	MS-7 & MSCU-7	14
15					2300	2400					16
17	MS-8 & MSCU-8	25/2					2300	0	20/1	SPARE	18
19			2300	0					20/1	SPARE	20
21						0			20/1	SPARE	22
23								0	20/1	SPARE	24
25				0					20/1	SPARE	26
27						0			20/1	SPARE	28
29								0	20/1	SPARE	30
	Total Load:		18240 VA		15940 VA		13540 VA				
	Total Amps:		155 A		136 A		113 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	47720 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	47720 VA
HVAC	38520 VA	100.00%	38520 VA	**Total Connected...**	132 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	132 A
Other	9200 VA	100.00%	9200 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: 'LPFM'

LOCATION:		**VOLTAGE:** 120/208 Wye	**COPPER BUS RATING:** 200 A	**MAINS TYPE:**	
MOUNTING:	SURFACE	**PHASE:** 3	**GROUND BUS:**	**MCB RATING:**	
ENCLOSURE:	TYPE 3R	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 22 (1)	**FED FROM:**	'MDP1'
		MFR. AND TYPE: SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1	CU-25	30/2	2810	2810					30/2	CU-26	2
3					2810	2810					4
5	CU-27	30/2					2810	2810	30/2	CU-28	6
7			2810	2810							8
9	CU-29	20/2			2810	2810			30/2	CU-30	10
11							2810	2810			12
13	CU-31	30/2	2810	2810					30/2	CU-32	14
15					2810	2810					16
17	CU-33	30/2					2810	2810	20/2	CU-34	18
19			2810	2810							20
21	CU-35	30/2			2810						22
23							2810				24
25											26
27											28
29											30
	Total Load:		22480 VA		19670 VA		19670 VA				
	Total Amps:		187 A		164 A		164 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	61820 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	61820 VA
HVAC	61820 VA	100.00%	61820 VA	**Total Connected...**	172 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	172 A
Other	0 VA	0.00%	0 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: 'EN'

LOCATION:	MECHANICAL 405	**VOLTAGE:** 120/208 Wye	**COPPER BUS RATING:** 400 A	**MAINS TYPE:**	
MOUNTING:	SURFACE	**PHASE:** 3	**GROUND BUS:**	**MCB RATING:**	
ENCLOSURE:	TYPE 1	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 10 (1)	**FED FROM:**	'MDP1'
		MFR. AND TYPE: SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	2
3	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	4
5	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	6
7	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	8
9	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	10
11	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	12
13	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	14
15	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	16
17	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	18
19	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	20
21	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	22
23	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	24
25	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	26
27	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	28
29	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	30
31	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	32
33	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	34
35	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	36
37	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	38
39	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	40
41	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	42
43	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	44
45	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	46
47	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	48
49	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	50
51	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	52
53	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	54
55	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	56
57	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	58
59	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	60
61	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	62
63	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	64
65	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	66
67	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	68
69	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	70
71	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	72
73	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	74
75	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	76
77	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	78
79	EXISTING LOAD	20/1	--	0					20/1	SPARE	80
81	SPARE	20/1			0	0			20/1	SPARE	82
83	Other	20/1					84	0	20/1	SPARE	84
	Total Load:		0 VA		0 VA		84 VA				
	Total Amps:		0 A		0 A		1 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0 VA	0.00%	0 VA	**Total Connected Load:**	84 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	84 VA
HVAC	0 VA	0.00%	0 VA	**Total Connected...**	0 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	0 A
Other	84 VA	100.00%	84 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Panelboard: 'FN'

LOCATION:	ELECTRICAL 317	**VOLTAGE:** 120/208 Wye	**COPPER BUS RATING:** 400 A	**MAINS TYPE:**	
MOUNTING:	SURFACE	**PHASE:** 3	**GROUND BUS:**	**MCB RATING:**	
ENCLOSURE:	TYPE 1	**WIRES:** 4	**MINIMUM A.I.C. RATING:** 22 (1)	**FED FROM:**	'MDP1'
		MFR. AND TYPE: SQUARE D NQ OR NF	**SUBFEED LUGS:**	**NEUTRAL RATING:**	

Circuit #	Load Name	BRKR	A		B		C		BRKR	Load Name	Circuit #
1	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	2
3	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	4
5	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	6
7	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	8
9	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	10
11	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	12
13	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	14
15	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	16
17	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	18
19	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	20
21	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	22
23	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	24
25	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	26
27	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	28
29	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	30
31	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	32
33	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	34
35	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	36
37	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	38
39	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	40
41	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	42
43	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	44
45	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	46
47	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	48
49	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	50
51	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	52
53	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	54
55	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	56
57	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	58
59	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	60
61	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	62
63	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	64
65	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	66
67	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	68
69	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	70
71	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	72
73	EXISTING LOAD	20/1	--	--					20/1	EXISTING LOAD	74
75	EXISTING LOAD	20/1			--	--			20/1	EXISTING LOAD	76
77	EXISTING LOAD	20/1					--	--	20/1	EXISTING LOAD	78
79			6233	500					20/1	HVAC CONTROL PANEL	80
81	WH-10	70/3			6233	1000			20/1	EF-8 & EF-9	82
83							6233	99	20/1	Lighting	84
	Total Load:		6733 VA		7233 VA		6332 VA				
	Total Amps:		57 A		61 A		53 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	99 VA	125.00%	124 VA	**Total Connected Load:**	20299 VA
Receptacles	0 VA	0.00%	0 VA	**Total Estimated...**	20324 VA
HVAC	1000 VA	100.00%	1000 VA	**Total Connected...**	56 A
Power	0 VA	0.00%	0 VA	**Total Est. Demand...**	56 A
Other	19200 VA	100.00%	19200 VA		
Motor	0 VA	0.00%	0 VA		
Heating	0 VA	0.00%	0 VA		
Existing Load	0 VA	0.00%	0 VA		

Notes:

Revisions:

#	Date	Description
1	4/20/26	ADDENDUM #1

Trumann Middle School
Systems Replacement
FACILITIES #2526-5605-001
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