ADDENDUM NO. 2

To the Drawings and/or the Specifications for
Harford County Public Schools
Harford High School
Comprehensive Roof Replacement – CAG 25-1
Bel Air, Maryland

Gilbert Architects Inc.
626 N. Charlotte St.
Lancaster, PA 17603
(717) 291-1077

April 7, 2026

Project Manager: Kevin McCandless

Revisions and modifications contained in this Addendum supersede the previously issued Documents for the above referenced Project.

ARCHITECTURALDRAWINGS

1. Delete "PROGRESS SET" and "NOT FOR CONSTRUCTION" from title blocks of all drawings.

2. SHEETS A4.1 – ROOF PLAN – DEMOLITION and A4.2 – ROOF PLAN, LEGEND, AND NOTES:
   RFI Question: "Architectural demolition drawing A4.1 indicates removal of roof drain and overflow pipe. However new work on A4.2 only identifies a new roof drain. Please clarify if overflow drains or overflow pipes are to be installed as part of the new work.
   RFI Response: Primary drains that have overflow drains and those that don't have overflows are identified with different demo tags and notes on the demo drawings, and different roof drain tags and notes on the new work roof plan. Refer to the demolition notes on sheet A4.1, and the roof plan legend on A4.2. There are a few corrections to the roof drains on the demolition drawings and the drains on the new work roof plan. See the revised sheets A4.1 and A4.2 included herein for these corrections.
3. **RIF Question**: Is the R Value minimum average per section or average across the project?
   RIF Response: Areas of the roof with ¼" per ft. existing sloped structure shall receive a minimum R-30 insulation. Areas of the roof with 1/8" per ft. sloped structure shall receive a tapered layout adding an additional 1/8" per ft. slope to provide an average R-30 R Value. Areas with level roof structure will receive a ¼" per ft. tapered layout to provide an average R-30 R Value. Refer to the manufacturer's tapered layout on Sheet A4.10 and the roof Assembly Types on Sheet A4.2 for this information.
4. **RFI Question:** Per Section 070150-2 2.6 D, are hazardous materials expected to be found on this project that you may be aware of, to include pitch in asphalt products that may have been previously used?
   RFI Response: No hazardous materials area anticipated due to the age of the most recent roof projects that were completed. If any hazardous materials are encountered, see procedures included in the specifications.
5. **RFI Question:** Are there utilities available to hook up an office trailer?
   RFI Response: An electrical hook up can be considered. No water or sewer is available.
6. **RFI Question:** Is fencing required for staging area for materials?
   RFI Response: Fencing of staging areas is at the contractors' discretion.

MECHANICAL SPECIFICATIONS

7. ADD RDR-2 to Specification Section 224005 PLUMBING EQUIPMENT, Paragraph 2.1.E.2
8. ADD Trane and remove Petra Engineering Industries to Specification Section 230600 HEATING VENTILATING AND AIR CONDITIONING EQUIPMENT, Paragraph 2.1.A.1.
9. ADD Trane and United Cool Air and remove Petra Engineering Industries to Specification Section 230600 HEATING VENTILATING AND AIR CONDITIONING EQUIPMENT, Paragraph 2.2.A.1.

MECHANICAL DRAWINGS

1. ADD Drawing Note 3 to Drawing 1.0 that reads "RX Secondary Roof Drain".
2. REVISE ERV-7 on Drawing M1.1.
3. ADD Rooftop Ductwork Notes to Drawing M2.0.
4. ADD Drawing Note 2 to Drawing 2.0 that reads "INSTALL SECONDARY ROOF DRAIN. PROVIDE ANY PIPE MODIFICATIONS REQUIRED TO CONNECT ROOF DRAIN OUTLET TO EXISTING STORM WATER PIPING. SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.
5. REVISE ERV-7 on Drawing M2.1.
6. ADD DRAWING M4.1.

ELECTRICAL DRAWINGS

1. ADD key plans to electrical drawings included herein.

PRE-BID RFIs

1. **RFI Question**: "For both the demolition work and new work in the mechanical rooms, no housekeeping pads are shown as demolished/modified or new. Please confirm this is correct."
   RFI Response: Housekeeping pads are existing to remain.
2. **RFI Question**: "Specifications 230505 2.1 pipe materials indicate 1 ½" and smaller pipe as SCH40 BLK Steel with threaded fitting and 2" and larger as SCH 40 BLK Steel with weld fittings. Please confirm this is correct for the new work as copper pipe and fittings are normally used for 2" and smaller on these projects.
   RFI Response: Copper pipe and fittings are acceptable for pipe sizes 2" and smaller. Copper piping shall be type L (ASTM Std. B88) with wrought copper fittings (ASTM Std. B 16.22) with brazed or 95-5 silver solder joints.
3. **RFI Question:** Under ROOFTOP ENERGY RECOVERY VENTILATORS: Can Trane be added as an approved manufacturer?
   RFI Response: Trane is an acceptable manufacturer.
4. **RFI Question:** Under INDOOR ENERGY RECOVERY VENTILATORS: Can Trane be added as an approved manufacturer?
   RFI Response: Trane is an acceptable manufacturer.

END OF ADDENDUM NO. 2

SECTION 22 40 05

PLUMBING EQUIPMENT

PART 1 - GENERAL

1.1. RELATED DIVISIONS AND SECTIONS

A. The Conditions of the Contract and other General Requirements apply to the work specified in this section. All work under this section shall also be subject to the requirements of Division 23 Section, "*Common Work Results for HVAC".*

B. DIVISION 01 – GENERAL REQUIREMENTS, GENERAL CONDITIONS AND SUPPLEMENTARY CONDITIONS

C. DIVISION 03 – CONCRETE

D. DIVISION 05 – METALS

E. DIVISION 06 – WOOD, PLASTIC AND COMPOSITES

F. DIVISION 07 – THERMAL AND MOISTURE PROTECTION

G. DIVISION 22 – PLUMBING

H. DIVISION 26 – ELECTRICAL

I. Ensure products and installation of specified products are in conformance with recommendations and requirements of the following organizations:

1. American Gas Association (AGA).
2. American Society of Mechanical Engineers (ASME).
3. American National Standards Institute (ANSI).
4. National Electrical Manufacturers' Association (NEMA).
5. National Sanitation Foundation (NSF).
6. Underwriters Laboratories (UL).

1.2. SUMMARY

A. Provide all labor and materials necessary to furnish and install all systems and equipment on this project as herein specified and/or shown on the drawings. Final connections to equipment furnished in other sections of the specifications shall be included under this section.

B. Installation shall comply with manufacturer's recommendations.

C. Installations shall comply with all local plumbing codes and amendments.

D. Use unions, flanges, and couplings downstream of valves and at equipment or apparatus connections. Do not use direct welded or threaded connections to valves, equipment or other apparatus.

E. Use non-conducting dielectric connections whenever jointing dissimilar metals in open systems.

F. At all runout piping serving equipment, use swing joints with elbows to prevent excessive movement of piping due to expansion.

G. All exposed bolts, screws, etc., shall be vandal proof.

H. Provide shutoff valves for each piece of equipment and the valves shall be fully accessible.

I. Verify that field measurements are as indicated on shop drawings and per the manufacturer.

1.3. SUBMITTALS

A. Submit in accordance with Division 01 and Division 22.

B. Provide parts list and assembly drawings (exploded view) for all valves in shop drawing submittals. Provide valves of the same type by the same manufacturer.

C. Provide UL label on electric powered equipment or certification that the equipment has been tested by a testing agency approved by local authority and is equivalent in safety to UL labeled equipment.

D. ALTERNATES
Refer to Division 01 Section, “ALTERNATES” for description of work under this division affected by alternates.

1.4. DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, protect and handle products to site under provisions of General Requirements.

B. Accept equipment on site in factory packaging. Inspect for damage.

C. Provide temporary end caps and closures on piping connection to equipment. Maintain in place until installation.

D. Protect installed equipment from damage by securing areas and by leaving factory packaging in place to protect equipment and prevent use.

PART 2 - PRODUCTS

2.1. ROOF DRAINS

A. Provide flashing clamps on all drains penetrating waterproofing membrane.

B. Provide suitable flashing material and clamping collar for drains which are not set in-place when slab is poured.

C. Provide Josam 26200 vertical expansion joint in each rain leader that does not have 90 degrees offset downstream of the roof drain. The expansion sleeve shall be bronze and shall conduct the rain water beyond the packing. Install expansion joints in accessible locations for repacking.

D. In lieu of joints specified in piping section, neoprene gaskets may be used if designed for use with the drains and cleanouts employed and if approved by the local plumbing authority.

E. Schedule of Drains and Accessories:

1. RDR-1 – Roof Drain: Josam 21500-AE-26 15-inch diameter roof drain, dura coated cast iron body with combination membrane flashing clamp/gravel guard and low silhouette aluminum locking dome. Provide with support ring, adjustable top with wide roof flange, large sump with anchor flange, bottom outlet inside caulk connection and deck clamp.

2. **RDR-2: Overflow Roof Drain: Zurn Z-100 15 " diameter roof drain, dura coated cast iron body with combination membrane flashing clamp/gravel guard and low silhouette aluminum locking dome. Provide with support ring, adjustable top with wide roof flange, large sump with anchor flange, bottom outlet inside caulk connection and deck clamp. Provide 2" internal water dam. ADD #2**

PART 3 - EXECUTION

3.1. GENERAL INSTALLATION REQUIREMENTS

A. Coordinate with architectural drawings before roughing in plumbing.

B. Install equipment plumb and level.

C. Coordinate with plumbing piping work to achieve a complete operating system.

D. Provide final connections to equipment even though all branch mains, elbows and connections are not shown.

3.2. DRAINS

A. Provide where indicated on the drawings and install in accordance with manufacturer's recommendations, architectural and plumbing drawings.

B. Unless otherwise noted, drains are to be installed at the low point roof, etc. Protect drains during remainder of construction period to avoid clogging with dirt and debris and to prevent damage from traffic and construction work.

C. Drains not functioning properly shall be removed and re-installed properly at the expense of the contractor.

D. Coordinate cutting and forming of roof construction to receive drains to required invert elevations. Roof drain bodies shall be installed below finished roof elevation.

3.3. TESTING

A. After the building has been occupied and the various equipment is in actual use, the Contractor shall make an operating test of all equipment at a time directed by the Engineer to determine that all contract requirements are met.

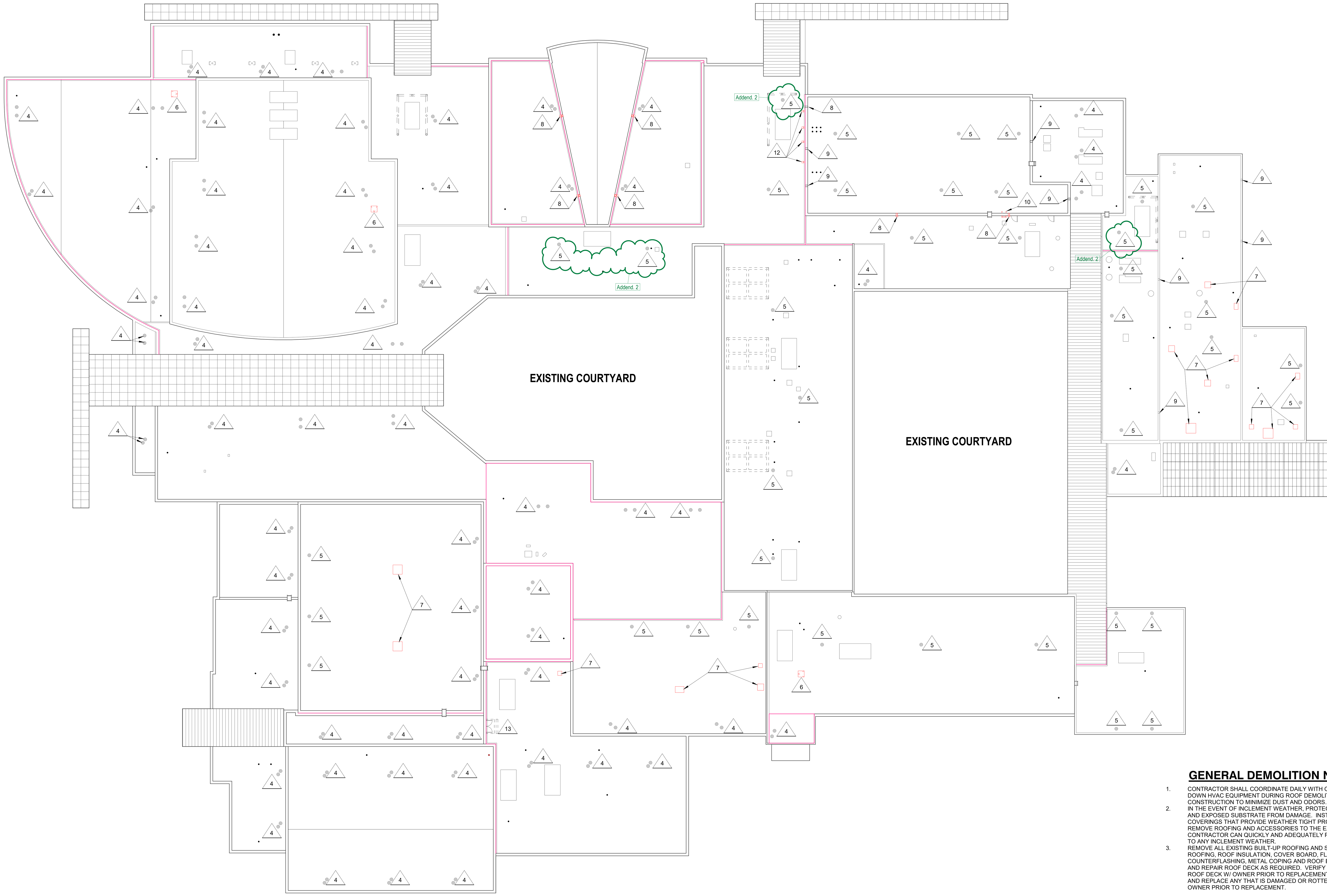
3.4. PREPARATION

A. Rough-in fixture piping connections in accordance with minimum sizes indicated in fixture rough-in schedule for particular fixtures.

3.5. CLEANING

A. At the completion of the project, clean the plumbing equipment.

END OF SECTION



1 A4.1 **OVERALL ROOF PLAN**

3/64" = 1'-0"

0' 10'-8" 21'-4" 42'-8"

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL COORDINATE DAILY WITH OWNER TO SHUT DOWN HVAC EQUIPMENT DURING ROOF DEMOLITION AND NEW CONSTRUCTION TO MINIMIZE DUST AND ODORS.
2. IN THE EVENT OF INCLEMENT WEATHER, PROTECT ROOF OPENINGS AND EXPOSED SUBSTRATE FROM DAMAGE. INSTALL TEMPORARY COVERINGS THAT PROVIDE WEATHER TIGHT PROTECTION . ONLY REMOVE ROOFING AND ACCESSORIES TO THE EXTENT THAT THE CONTRACTOR CAN QUICKLY AND ADEQUATELY PROTECT WORK PRIOR TO ANY INCLEMENT WEATHER.
3. REMOVE ALL EXISTING BUILT-UP ROOFING AND SINGLE PLY MEMBRANE ROOFING, ROOF INSULATION, COVER BOARD, FLASHING, METAL COUNTERFLASHING, METAL COPING AND ROOF EDGE METAL U.N.O. INSPECT AND REPAIR ROOF DECK AS REQUIRED. VERIFY QUANTITY OF ANY DAMAGED ROOF DECK W/ OWNER PRIOR TO REPLACEMENT. INSPECT WOOD BLOCKING AND REPLACE ANY THAT IS DAMAGED OR ROTTED. VERIFY QUANTITIES W/ OWNER PRIOR TO REPLACEMENT.

DEMOLITION PLAN NOTES

4. REMOVE ROOF DRAIN AND STRAINER. PREP. FOR NEW DRAIN. REMOVE PORTION OF EXISTING CEILING TILE BELOW WHERE REQUIRED FOR INSTALLATION OF NEW DRAIN. REINSTALL CEILING TILE UPON COMPLETION OF NEW DRAIN WORK. PREPARE EXISTING OVERFLOW DRAIN PIPE AS REQUIRED TO RECEIVE NEW OVERFLOW DRAIN AND STRAINER.
5. REMOVE ROOF DRAIN AND STRAINER. PREP. FOR NEW DRAIN. REMOVE PORTION OF EXISTING CEILING TILE BELOW WHERE REQUIRED FOR INSTALLATION OF NEW DRAIN. REINSTALL CEILING TILE UPON COMPLETION OF NEW DRAIN WORK
6. REMOVE ROOF ACCESS HATCH. PREPARE OPENING FOR NEW ACCESS HATCH. EXISTING LADDER TO REMAIN. SEE DETAILS 6 & 7/A4.9.
7. REMOVE EXISTING EQUIPMENT CURB NO LONGER IN USE. REMOVE METAL CAP. SEE DETAIL
8. REMOVE SCUPPER SLEEVE, CONDUCTOR HEAD, AND DOWNSPOUT NO LONGER IN USE. COVER OPENING ON WALL WITH S.S. PLATE SET IN CONT. SEALANT.
9. REMOVE SCUPPER SLEEVE. SEE DETAIL 12/A4.3 FOR NEW SCUPPER DETAIL.
10. REMOVE ROOF LADDER. PATCH FASTENER HOLES WITH SHEET METAL, PAINTED TO MATCH COLOR OF EXISTING METAL PANEL SIDING.
11. REMOVE EXISTING WEATHER STATION AND RELOCATE WHERE INDICATED. SEE NOTE 17 ON ROOF PLAN 1/A4.2.
12. REMOVE EXISTING STEEL POSTS AND FLASHING DOWN TO EXISTING ROOF DECK.
13. REMOVE EXTERIOR STEEL STAIR AND RAILINGS. PATCH EXISTING WALL AS REQUIRED. REMOVE SUPPORT POSTS DOWN TO ROOF DECK.

SYMBOL KEY

1 = DEMOLITION TAG ON PLAN (SEE <u>DEMOLITION PLAN NOTES</u> FOR DEFINITION OF TAG NUMBERS)

PCS NO. L12F016

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland. License No. 21410 Expiration Date: 1/29/2027

GILBERT ARCHITECTS

626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077

200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300

10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

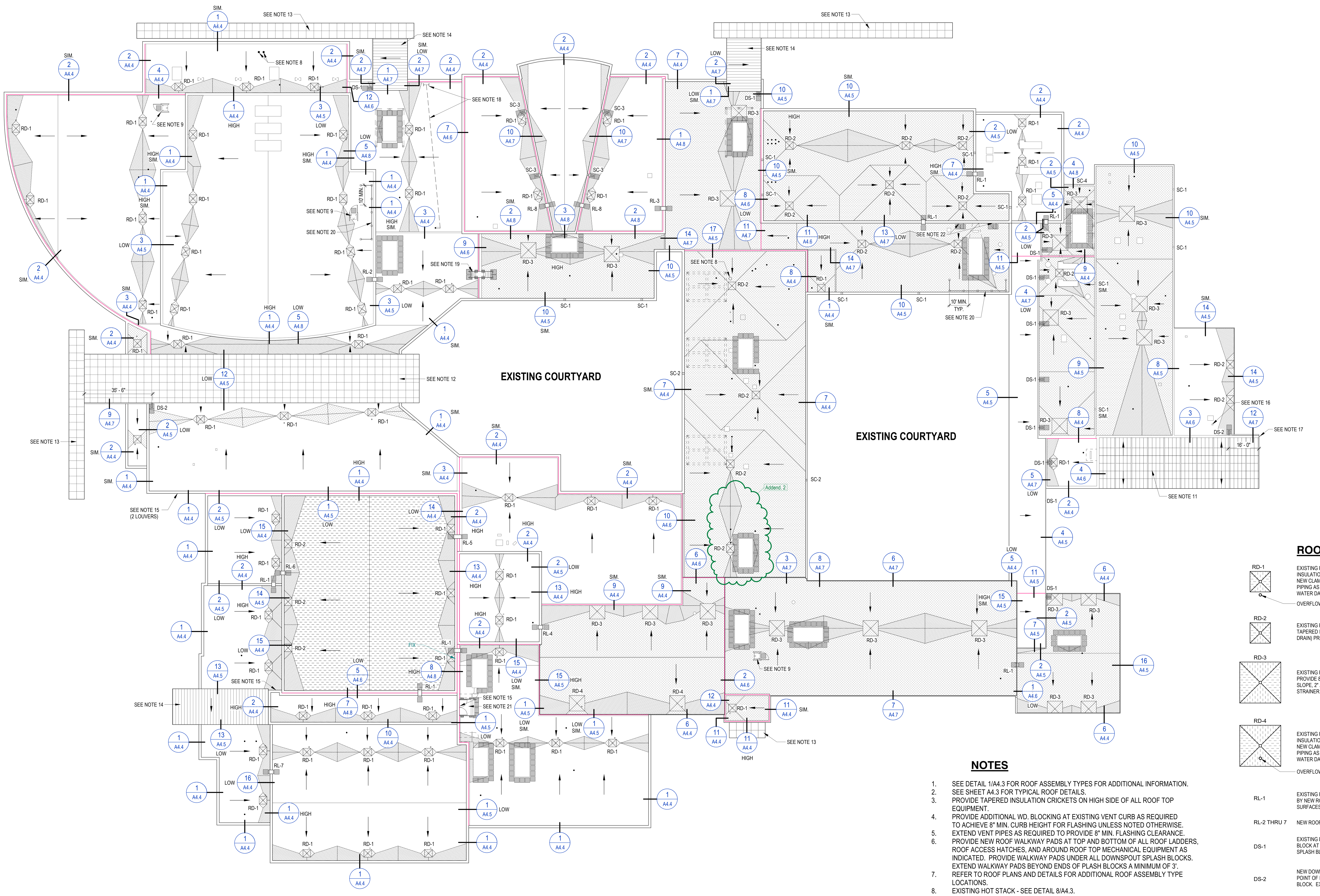
ROOF PLAN - DEMOLITION

COMPREHENSIVE ROOF REPLACEMENT TO:
NORTH HARFORD HIGH SCHOOL
PYLESVILLE, MARYLAND 21132
HARFORD COUNTY PUBLIC SCHOOLS

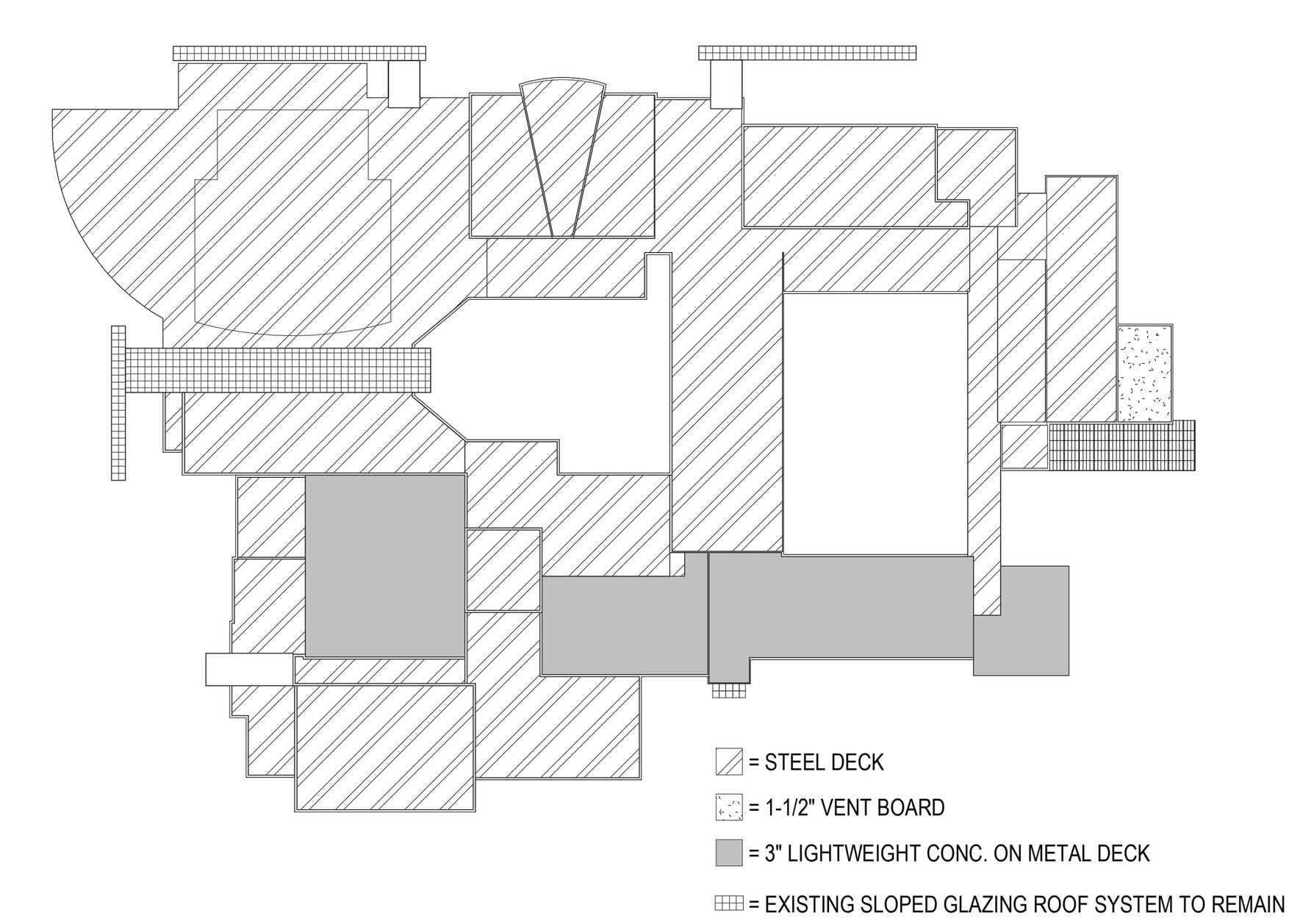
Addend. 2

REVISION	DATE
Addend. 2	04/07/26

DRAWN BY	TJA
PROJECT NO.	2511
SHEET NO.	A4.1
DATE	03/15/2026



1 A4.2 **OVERALL ROOF PLAN**
3/64" = 1'-0"
0' 10'-8" 21'-4" 42'-8"



2 A4.2 **ROOF DECK TYPE KEY PLAN**
1" = 100'-0"

NOTES

1. SEE DETAIL 1/A4.3 FOR ROOF ASSEMBLY TYPES FOR ADDITIONAL INFORMATION.
2. SEE SHEET A4.3 FOR TYPICAL ROOF DETAILS.
3. PROVIDE TAPERED INSULATION CRICKETS ON HIGH SIDE OF ALL ROOF TOP EQUIPMENT.
4. PROVIDE ADDITIONAL WD. BLOCKING AT EXISTING VENT CURB AS REQUIRED TO ACHIEVE 8" MIN. CURB HEIGHT FOR FLASHING UNLESS NOTED OTHERWISE.
5. EXTEND VENT PIPES AS REQUIRED TO PROVIDE 8" MIN. FLASHING CLEARANCE.
6. PROVIDE NEW ROOF WALKWAY PADS AT TOP AND BOTTOM OF ALL ROOF LADDERS, ROOF ACCESS HATCHES, AND AROUND ROOF TOP MECHANICAL EQUIPMENT AS INDICATED. PROVIDE WALKWAY PADS UNDER ALL DOWNSPOUT SPLASH BLOCKS. EXTEND WALKWAY PADS BEYOND ENDS OF PLASH BLOCKS A MINIMUM OF 3'.
7. REFER TO ROOF PLANS AND DETAILS FOR ADDITIONAL ROOF ASSEMBLY TYPE LOCATIONS.
8. EXISTING HOT STACK - SEE DETAIL 8/A4.3.
9. NEW ROOF ACCESS HATCH WITH GUARDRAILS AND GATE. SEE DETAILS 16 AND 17/A4.3.
10. INSTALL FALL PROTECTION GUARDRAILS AS SPECIFIED.
11. EXISTING GREENHOUSE GLAZED ROOF SYSTEM. CLEAN AND REMOVE EXISTING SEALANT AROUND PERIMETER OF EACH GLASS PANEL AND INSTALL NEW.
12. EXISTING GLAZED SLOPED ROOF SYSTEM. CLEAN AND REMOVE EXISTING SEALANT AROUND PERIMETER OF EACH GLASS PANEL AND INSTALL NEW.
13. EXISTING GLAZED SLOPED CANOPY TO REMAIN.
14. EXISTING STANDING SEAM METAL ROOFING TO REMAIN.
15. REMOVE EXISTING SEALANT AROUND PERIMETER OF EXISTING MECHANICAL LOUVER. INSTALL NEW BACKER ROD AND SEALANT. MATCH EXISTING LOUVER COLOR.
16. REFER TO DETAIL 9/A4.3 FOR TYPICAL PIPE PENETRATION DETAIL.
17. REINSTALL EXISTING WEATHER STATION AT THIS LOCATION. EXTEND WIRING AND CONDUIT FROM JUNCTION BOX TO NEW LOCATION.
18. MOVE EXISTING WEATHER STATION AND CABLE AS REQUIRED TO INSTALL NEW ROOFING SYSTEM. RELOCATE BACK TO IT'S ORIGINAL POSITION UPON COMPLETION OF NEW ROOF WORK. PROTECT EQUIPMENT AS REQUIRED DURING CONSTRUCTION.
19. NEW ROOF STAIR. SEE DETAILS 5 & 6/A4.9.
20. INSTALL NEW FALL PROTECTION RAILINGS AS SPECIFIED.
21. INSTALL NEW ROOF ACCESS STAIR. SEE DETAILS 7 & 8/A4.9.
22. SEE DETAIL 9/A4.8 FOR FLASHING DETAIL AT EXISTING DOOR SILL.
23. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ALTERNATE 1 INFORMATION.
24. ALL ALUMINUM COPINGS AND EDGE METAL SHALL BE MILL FINISH, U.N.O..
25. ALL METAL FLASHING SHALL BE STAINLESS STEEL, U.N.O..
26. CLEAN AND PREP ALL EXISTING WALL AND CURB SURFACES AS REQUIRED TO RECEIVE NEW ROOF SYSTEM MATERIALS.

ROOF PLAN LEGEND

RD-1	EXISTING ROOF DRAIN TO BE REPLACED. PROVIDE 4' x 4' TAPERED INSULATION SUMP (1/2" PER FOOT SLOPE, 2" AT DRAIN) PROVIDE NEW CLAMPING RING AND STRAINER. MODIFY EXISTING OVERFLOW PIPING AS REQUIRED TO INSTALL NEW OVERFLOW DRAIN WITH WATER DAM AND STRAINER. SEE DETAIL 2/A4.3 OVERFLOW DRAIN. VERIFY SIZES AND LOCATIONS IN FIELD
RD-2	EXISTING ROOF DRAIN TO BE REPLACED. PROVIDE 4' x 4' TAPERED INSULATION SUMP (1/2" PER FOOT SLOPE, 1/2" AT DRAIN) PROVIDE NEW CLAMPING RING AND STRAINER.
RD-3	EXISTING ROOF DRAIN TO BE REPLACED. PROVIDE 8' x 8" TAPERED INSULATION SUMP (1/2" PER FOOT SLOPE, 2" AT DRAIN) PROVIDE NEW CLAMPING RING AND STRAINER.
RD-4	EXISTING ROOF DRAIN TO BE REPLACED. PROVIDE 4' x 4' TAPERED INSULATION SUMP (1/2" PER FOOT SLOPE, 2" AT DRAIN) PROVIDE NEW CLAMPING RING AND STRAINER. MODIFY EXISTING OVERFLOW PIPING AS REQUIRED TO INSTALL NEW OVERFLOW DRAIN WITH WATER DAM AND STRAINER. SEE DETAIL 2/A4.3 OVERFLOW DRAIN. VERIFY SIZES AND LOCATIONS IN FIELD
RL-1	EXISTING ROOF LADDER. MODIFY BOTTOMS OF LADDER AS REQUIRED BY NEW ROOF INSULATION THICKNESS. PAINT ALL EXPOSED STEEL SURFACES WITH GALVANIZED PAINT.
RL-2 THRU 7	NEW ROOF LADDER. SEE DETAILS 1, 2, 3, AND 4/A4.9.
DS-1	EXISTING DOWNSPOUT. REUSE EXISTING PRECAST CONC. SPLASH BLOCK AT POINT OF DISCHARGE. PROVIDE WALKWAY PADS UNDER SPLASH BLOCK. EXTEND 3' MIN. BEYOND END OF SPLASH BLOCK.
DS-2	NEW DOWNSPOUT. PROVIDE NEW PRECAST CONC. SPLASH BLOCK AT POINT OF DISCHARGE. PROVIDE WALKWAY PADS UNDER SPLASH BLOCK. EXTEND 3' MIN. BEYOND END OF SPLASH BLOCK.
SC-X	NEW SCUPPER - SEE DETAIL 12/A4.3 FOR SCUPPER TYPE "SC-1". SEE DETAIL 13/A4.3 FOR SCUPPER TYPE "SC-2". SEE DETAIL 15/A4.3 FOR SCUPPER TYPE "SC-4".
SC-3	NEW SCUPPER WITH CONDUCTOR HEAD AND DOWNSPOUT. PROVIDE NEW SPLASH BLOCK. PROVIDE WALKWAY PADS UNDER SPLASHBLOCK AND EXTEND PADS BEYOND END OF SPLASH BLOCK A MIN. OF 3'. SEE DETAIL 14/A4.3.
	WALKWAY PAD
	ROOF ASSEMBLY TYPE "1" (NEW 1/4" PER FOOT TAPERED INSULATION ON LEVEL STRUCTURE.)
	ROOF ASSEMBLY TYPE "2" (NEW INSULATION ON EXISTING 1/4" PER FOOT SLOPED STRUCTURE.)
	ROOF ASSEMBLY TYPE "3" (NEW 1/8" PER FOOT TAPERED INSULATION ON EXISTING 1/8" PER FOOT SLOPED STRUCTURE.)
	TAPERED INSULATION CRICKET - 1/2" PER FOOT MINIMUM UNLESS NOTED OTHERWISE - SLOPE TO ROOF DRAINS. HATCH PATTERN INDICATED SLOPE DIRECTION.
	INDICATES POSITIVE ROOF SLOPE

Addend. 2

PCS NO. L12F016

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland. License No. 21410 Expiration Date: 1/29/2027

GILBERT ARCHITECTS
626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077
200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

ROOF PLAN, LEGEND, AND NOTES
COMPREHENSIVE ROOF REPLACEMENT TO:
NORTH HARFORD HIGH SCHOOL
PYLESVILLE, MARYLAND 21132
HARFORD COUNTY PUBLIC SCHOOLS

REVISION	DATE
Addend. 2	04/07/26

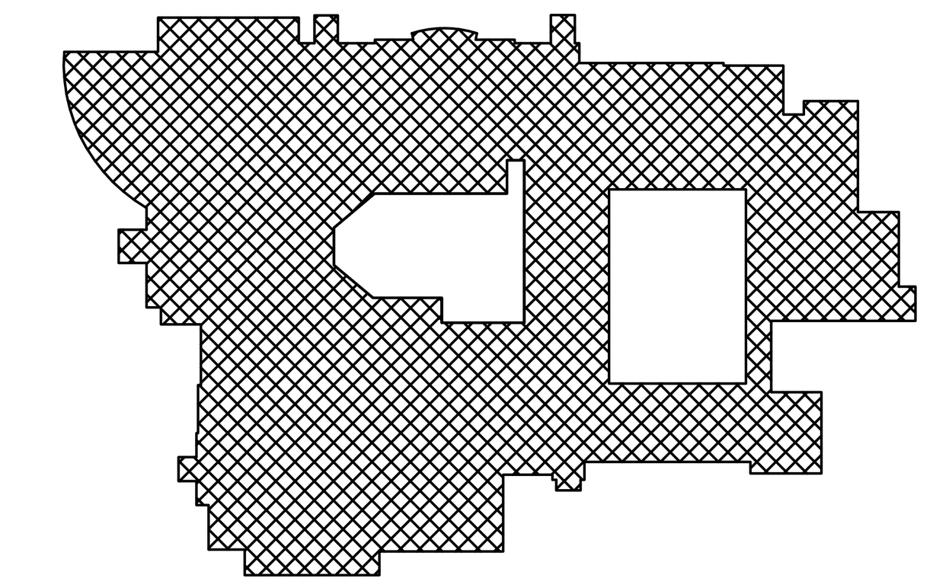
DRAWN BY	TJA / KHM
PROJECT NO.	2511
SHEET NO.	A4.2
DATE	03/15/2026

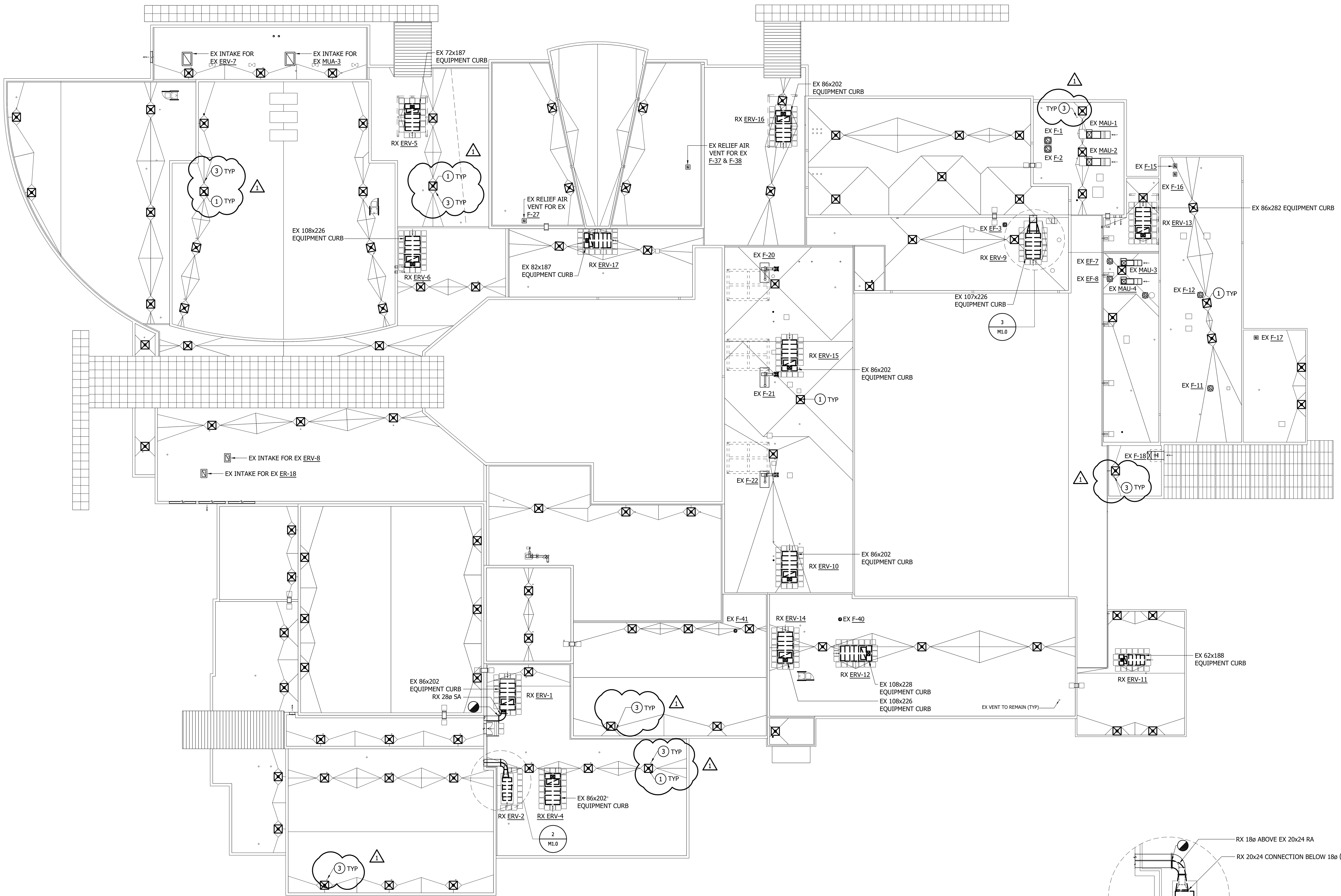
DRAWING NOTES

1. RX PRIMARY ROOF DRAIN.
2. DISCONNECT DUCTS, PIPING, AND CONTROLS FROM UNITS. EX CURBS WILL REMAIN.
3. RX SECONDARY ROOF DRAIN.

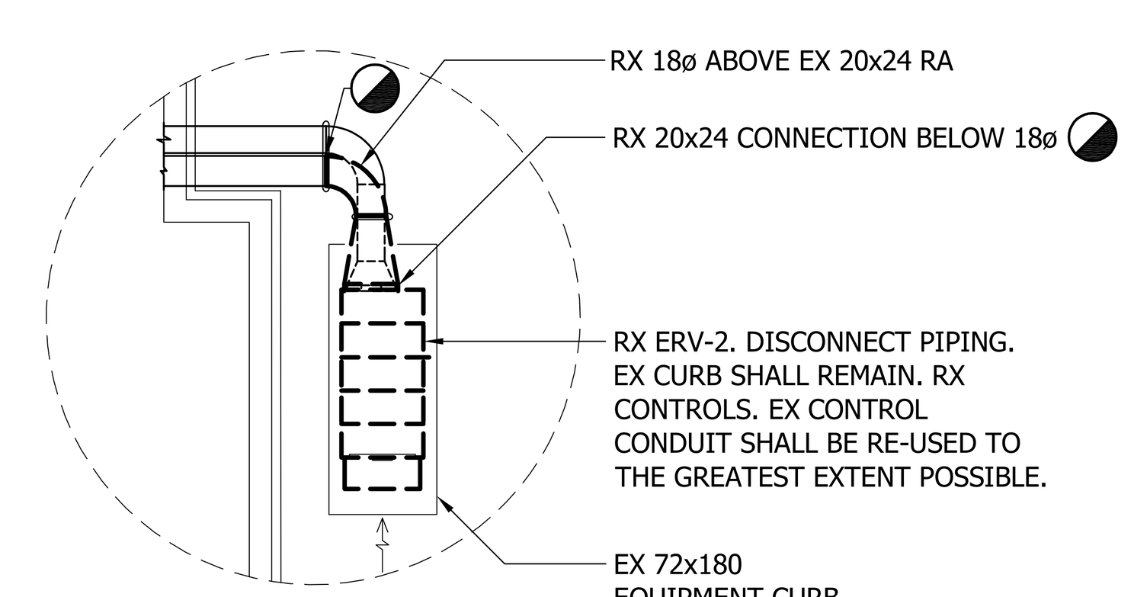
GENERAL NOTES

1. EX INDICATED IN THIN/LIGHT LINE WEIGHT
2. DEMOLITION WORK INDICATED IN THICK/DARK LINE WEIGHT

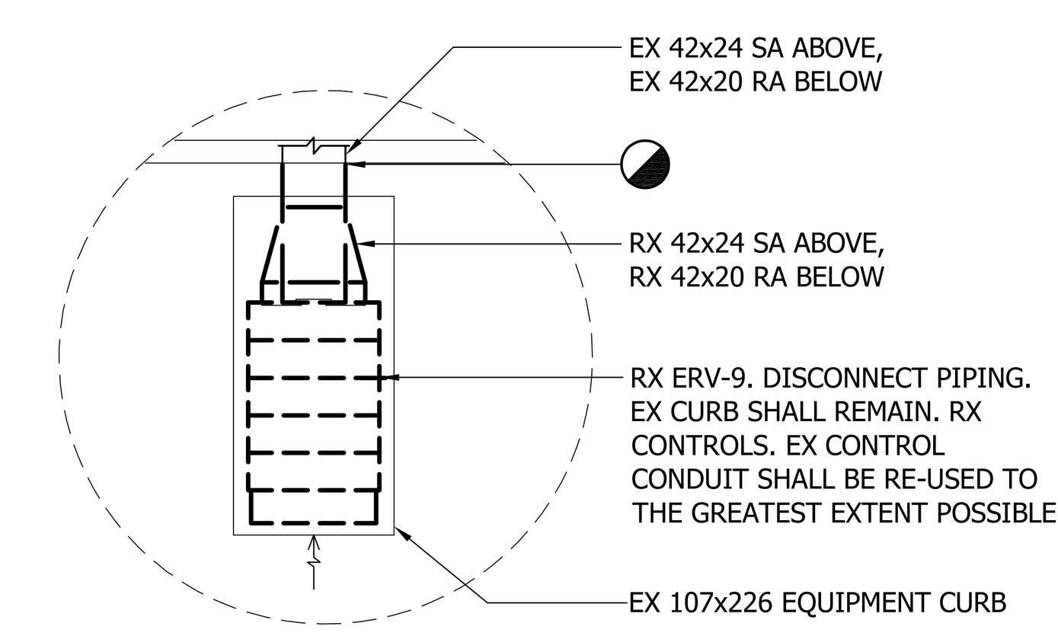




OVERALL ROOF PLAN - DEMOLITION
SCALE: 3/64" = 1'-0"



ENLARGED PART-PLAN - DEMOLITION
SCALE: 3/32" = 1'-0"



ENLARGED PART-PLAN - DEMOLITION
SCALE: 3/32" = 1'-0"

SCALE: 3/64" = 1'-0"
8 0 8 16 24

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland 410.832.2420
Easton, Maryland 410.822.8688
www.gipe.net
W.O.# 25097

STATE OF MARYLAND PROFESSIONAL ENGINEER NO. 35222

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE No. 35222, EXPIRATION DATE: 01/05/2028

GILBERT ARCHITECTS
626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077

200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300

10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

OVERALL ROOF PLAN - DEMOLITION

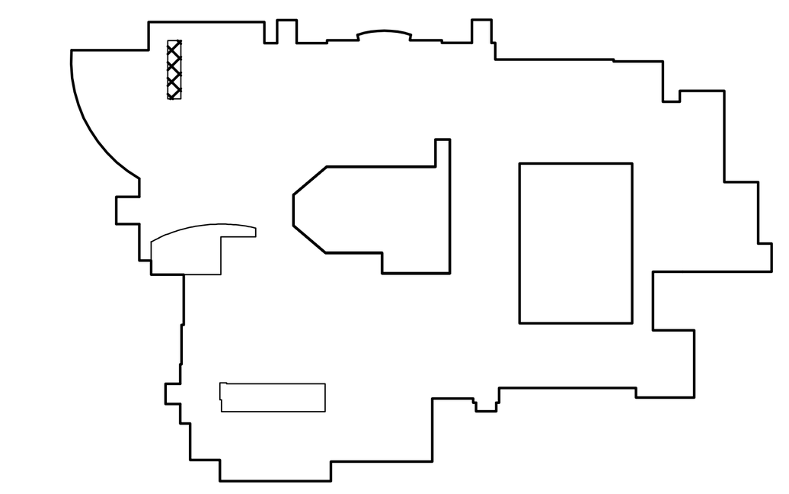
ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

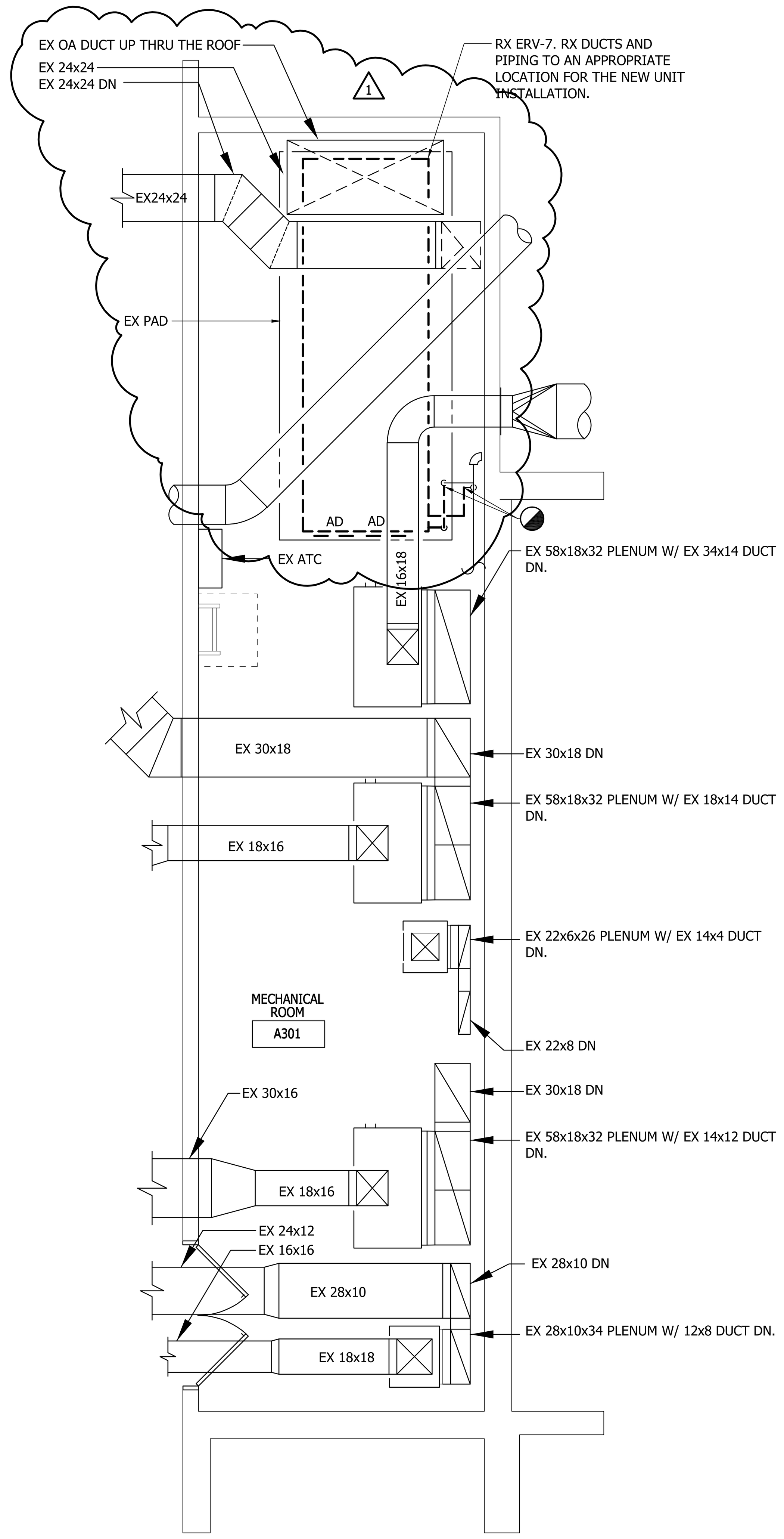
REVISION	DATE
1 ADDENDUM NO.2	04/08/2026

DRAWN BY	CJW
PROJECT NO.	25097
SHEET NO.	M1.0
DATE	03/15/2026

GENERAL NOTES

1. EX INDICATED IN THIN/LIGHT LINE WEIGHT.
2. DEMOLITION WORK IS INDICATED IN THICKER/DARK LINE WEIGHT





1 M1.2 **MECHANICAL ROOM A301 - DEMOLITION**
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
4 0 4 8

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
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Baltimore, Maryland 410.832.2420
Easton, Maryland 410.822.8688
www.gipe.net
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PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE No. 35222, EXPIRATION DATE: 01/05/2028

GILBERT ARCHITECTS
626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077
200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

MECHANICAL ROOM A301 - DEMOLITION

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
1 ADDENDUM NO.2	04/08/2026

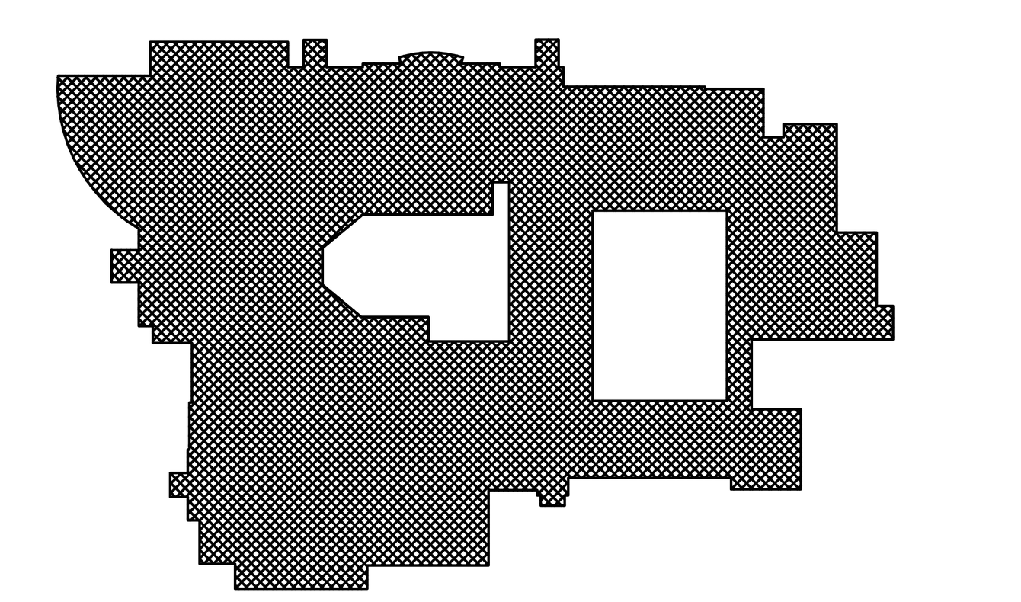
DRAWN BY	CJW
PROJECT NO.	25097
SHEET NO.	M1.1
DATE	03/15/2026

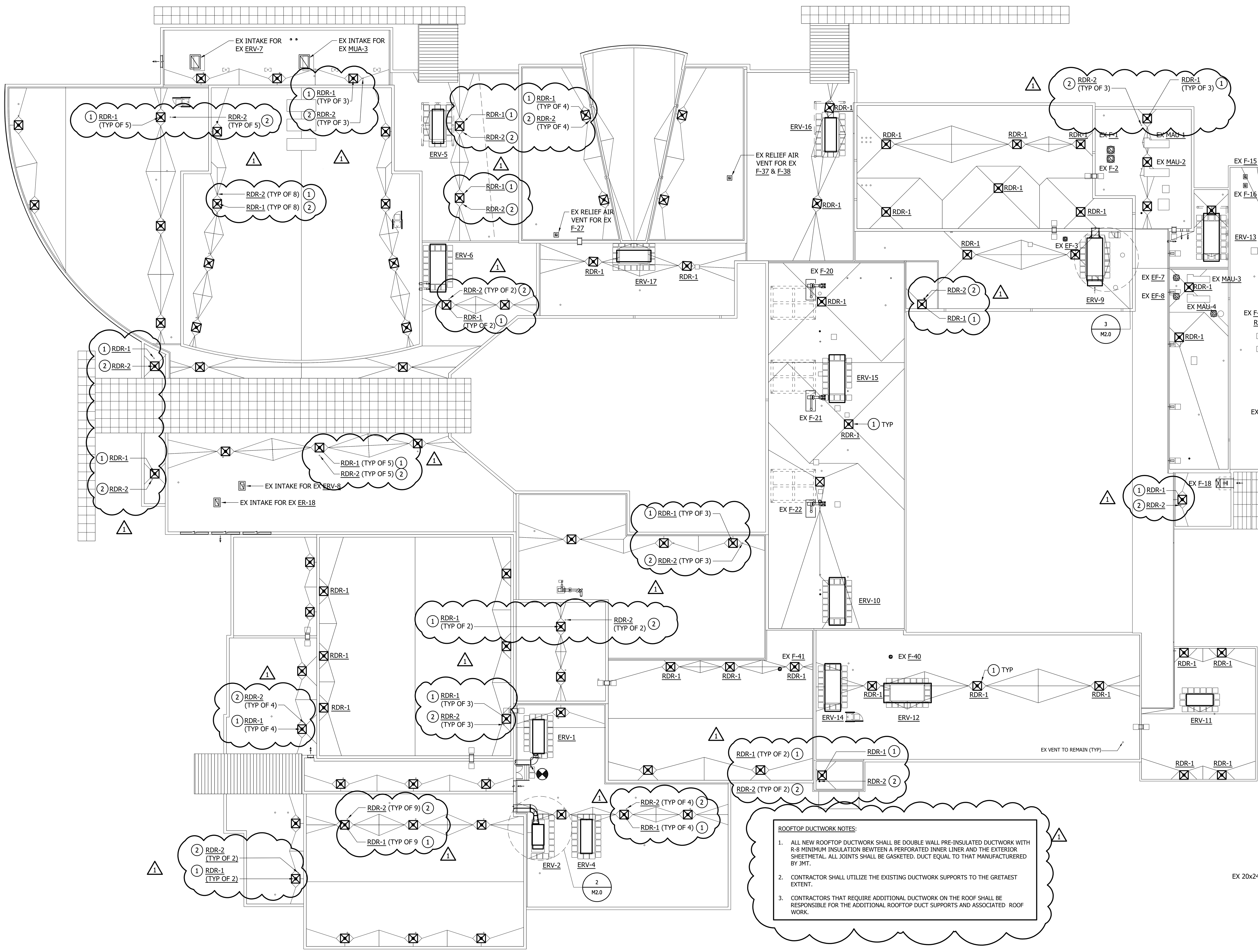
DRAWING NOTES

1. INSTALL PRIMARY ROOF DRAIN. PROVIDE ANY PIPE MODIFICATIONS REQUIRED TO CONNECT ROOF DRAIN OUTLET TO EXISTING STORM WATER PIPING. SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION
2. INSTALL SECONDARY ROOF DRAIN. PROVIDE ANY PIPE MODIFICATIONS REQUIRED TO CONNECT ROOF DRAIN OUTLET TO EXISTING STORM WATER PIPING. SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION

GENERAL NOTES

1. EX INDICATED IN THIN/LIGHT LINE WEIGHT
2. NEW WORK INDICATED IN THICK/DARK LINE WEIGHT
3. INSTALL NEW ERV AND ASSOCIATED AND ROOF CURB ADAPTER ON EXISTING ROOF EQUIPMENT CURB. EXTEND AND RECONNECT ALL SERVICES. EXTEND GEOTHERMAL HEAT PUMP PIPING AND MAKE CONNECTION TO NEW ERV.
4. NEW CONDENSATE PIPING SHALL BE PROVIDED FROM CONNECTION OF UNIT AND SLOPED TO NEAREST ROOF DRAIN. THE DESIGN OF THE NEW CONDENSATE PIPING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. FOR ALL CONDENSATE PIPING, PROVIDE AN ADJUSTABLE HEIGHT SINGLE PIPE ROLLER ROOF SUPPORT SUITABLE FOR MEMBRANE ROOF SYSTEMS. PIPE SUPPORT SHALL BE POLYCARBONATE WITH STAINLESS STEEL ALL-THREAD RODS AND HOT-DIP GALVANIZED HARDWARE.
5. EXISTING FANS ARE EXISTING TO REMAIN. PROVIDE FLASHING FOR DUCT PENETRATIONS OR CURBS THAT LACK SUFFICIENT FLASHING.
6. EXTEND ALL EXISTING PLUMBING VENTS TO REMAIN TO A MINIMUM OF 8" ABOVE NEWLY FINISHED ROOF PLANE AND INSTALL NEW FLASHING IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS



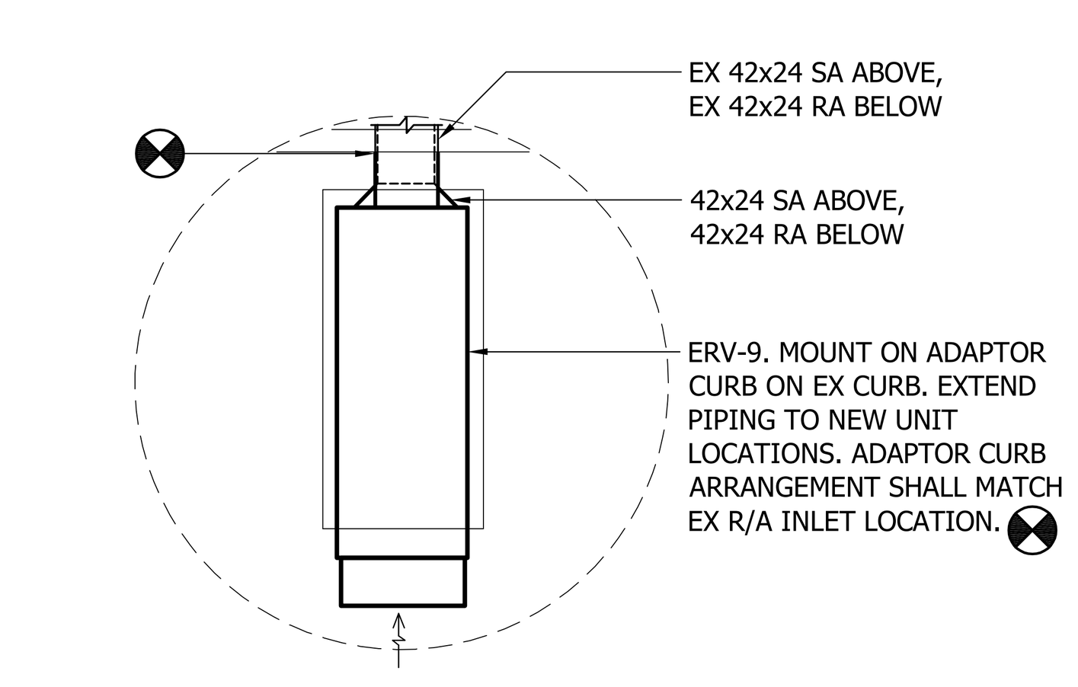


ROOFTOP DUCTWORK NOTES:

1. ALL NEW ROOFTOP DUCTWORK SHALL BE DOUBLE WALL PRE-INSULATED DUCTWORK WITH R-8 MINIMUM INSULATION BEWTEEN A PERFORATED INNER LINER AND THE EXTERIOR SHEETMETAL. ALL JOINTS SHALL BE GASKETED. DUCT EQUAL TO THAT MANUFACTURERED BY JMT.
2. CONTRACTOR SHALL UTILIZE THE EXISTING DUCTWORK SUPPORTS TO THE GRETAEST EXTENT.
3. CONTRACTORS THAT REQUIRE ADDITIONAL DUCTWORK ON THE ROOF SHALL BE RESPONSIBLE FOR THE ADDITIONAL ROOFTOP DUCT SUPPORTS AND ASSOCIATED ROOF WORK.

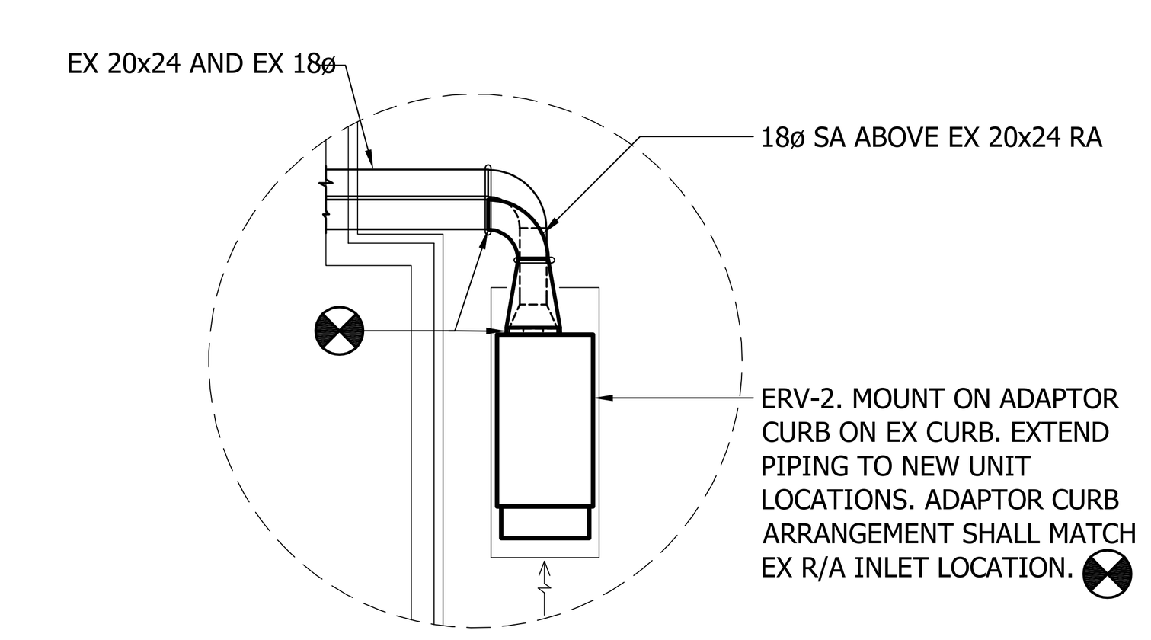
1 M2.0 OVERALL ROOF PLAN - NEW WORK

SCALE: 3/64" = 1'-0"



3 M2.0 ENLARGED PART-PLAN - NEW WORK

SCALE: 3/32" = 1'-0"



2 M2.0 ENLARGED PART-PLAN - NEW WORK

SCALE: 3/32" = 1'-0"

SCALE: 3/64" = 1'-0"

8 0 8 16 24

SCALE: 3/32" = 1'-0"

8 0 8 16 24

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland 410.832.2420
Easton, Maryland 410.822.8688
www.gipe.net
W.O.# 25097

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GILBERT ARCHITECTS
626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077
200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

OVERALL ROOF PLAN - NEW WORK

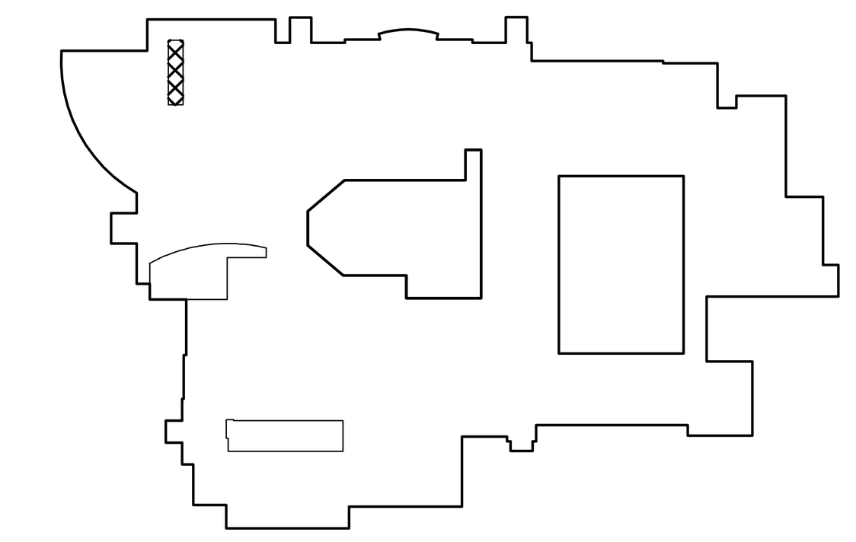
ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

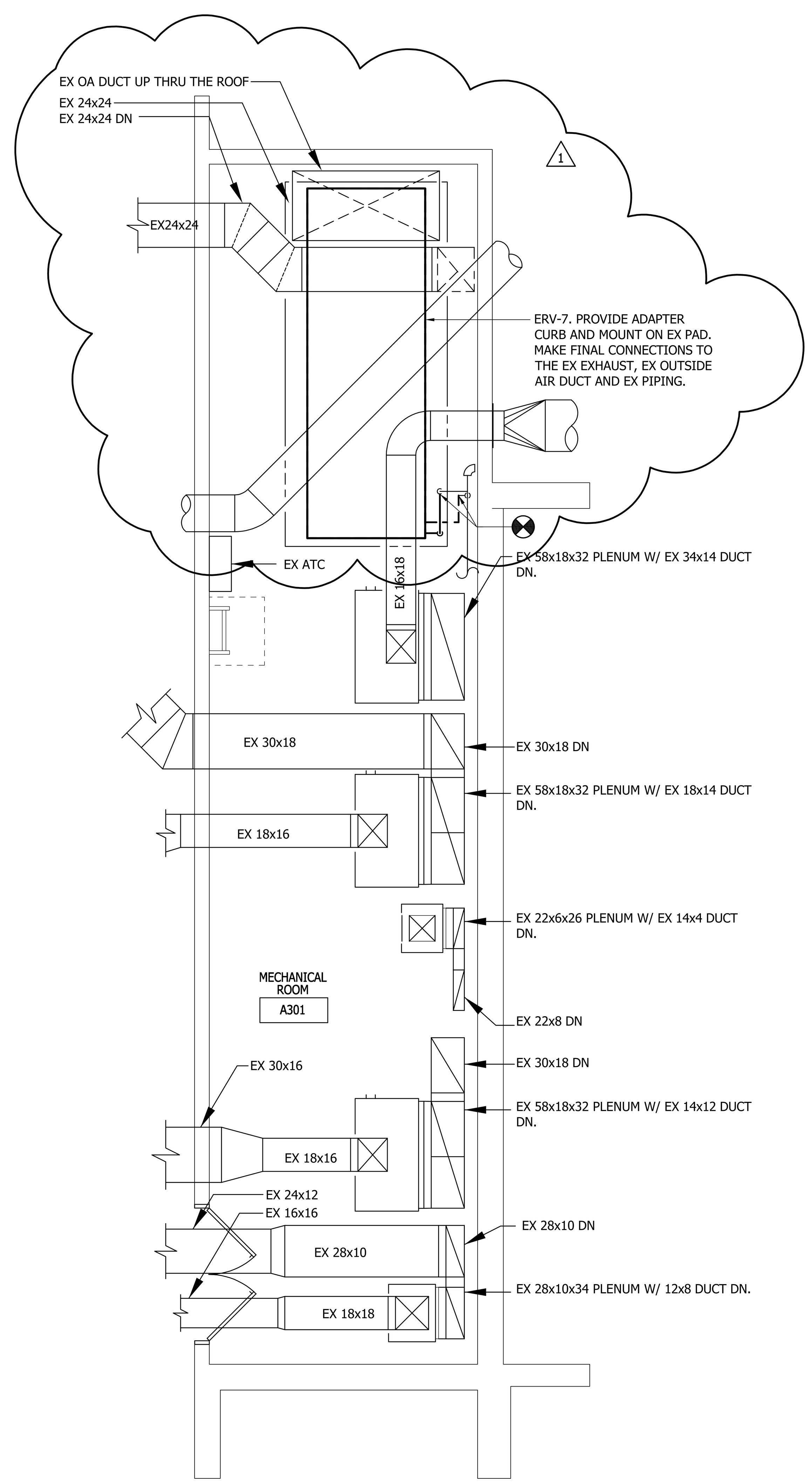
REVISION	DATE
1 ADDENDUM NO.2	04/08/2026

DRAWN BY	CJW
PROJECT NO.	25097
SHEET NO.	M2.0
DATE	03/15/2026

GENERAL NOTES

1. EX INDICATED IN THIN/LIGHT LINE WEIGHT.
2. NEW WORK IS INDICATED IN THICKER/DARK LINE WEIGHT.





1
M2.1
MECHANICAL ROOM A301 - NEW WORK
SCALE: 1/4" = 1'-0"

N

SCALE: 1/4" = 1'-0"
4 0 4 8

PCS NO. L12F016

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626 North Charlotte Street, Lancaster, PA 17603
200 Continental Drive, Suite 401, Newark, DE 19713
10451 Mill Run Circle, Suite 400, Owings Mills, MD 21117

MECHANICAL ROOM A301 - NEW WORK

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
1 ADDENDUM NO.2	04/08/2026

DRAWN BY	CJW
PROJECT NO.	25097
SHEET NO.	M2.1
DATE	03/15/2026

(1) NOT USED

SCALE: NONE

(2) NOT USED

SCALE: NONE

(3) NOT USED

SCALE: NONE

NOTES:
1. EX UNIT CURB DIMENSIONS ARE INDICATED ON THE DRAWINGS. EX ROOF CURBS SHALL REMAIN. NEW UNITS SHALL UTILIZE CURB ADAPTERS TO ARRANGE THE AIR FLOWS BELOW THE UNITS TO MATCH EXISTING DUCT CONNECTIONS. EXTEND ALL PIPING WITHIN THE EXISTING CURB TO THE NEW LOCATIONS WITHIN THE NEW UNITS.

COMPONENTS:
1. THE NEW UNITS SHALL BE WATER COOLED, EXTENDED RANGE GEOTHERMAL HEAT PUMP UNITS WITH FACTORY TERMINAL STRIPS FOR CONTROLS BY JOHNSON CONTROLS, INCORPORATED. UNITS SHALL HAVE THEIR ASSOCIATED HARDWIRED SAFETIES. REFER TO SPECIFICATIONS, SCHEDULES AND AUTOMATIC CONTROLS FOR ADDITIONAL INFORMATION.

ADDITIONAL OUTSIDE AIR SIDE COMPONENTS SHALL INCLUDE:
1. OUTSIDE AIR INTAKE PLENUM WITH ASSOCIATED HOODS AND DAMPERS.
2. OUTSIDE AIR 2" MERV 8 FILTERS UPSTREAM OF THE TOTAL ENERGY WHEEL.
3. TOTAL ENERGY WHEEL WITH BYPASSES.
4. 4" MERV 13 FINAL FILTER.
5. REFRIGERATION COIL AND ASSOCIATED CIRCUITS AND COMPRESSORS, ETC.
6. HOT GAS REHEAT COIL
7. OUTSIDE AIR SUPPLY FAN.

ADDITIONAL RETURN/EXHAUST AIR SIDE COMPONENTS SHALL INCLUDE:
1. RA DAMPER.
2. 2" MERV 8 FILTERS UPSTREAM OF THE TOTAL ENERGY WHEEL.
3. EXHAUST AIR FAN.
4. EXHAUST AIR PLENUM WITH ASSOCIATED HOODS AND DAMPERS.

BASIS OF DESIGN UNIT SIZES:

1. THE UNIT SIZES ARE THE TOTAL CABINET SIZE WITH ALL EQUIPMENT ENCLOSED AND IS THE SIZE OF THE UNIT SUPPORT FRAME. SIZE DOESN'T INCLUDE THE HOOD DIMENSIONS THAT DO NOT IMPACT THE CURB SIZE.
2. ERV-4: 135"L x 64"W x 66"H; EX CURB SIZE: 102"L x 86"W
3. ERV-5: 135"L x 64"W x 66"H; EX CURB SIZE: 187"L x 72"W
4. ERV-6: 200"L x 87"W x 86"H; EX CURB SIZE: 226"L x 108"W
5. ERV-10: 200L x 87"W x 86"H; EX CURB SIZE: 202"L x 86"W
6. ERV-11: 114"L x 64"W x 62"H; EX CURB SIZE: 188"L x 62"W
7. ERV-12: 200"L x 87"W x 86"H; EX CURB SIZE: 228"L x 108"W
8. ERV-13: 200"L x 87"W x 86"H; EX CURB SIZE: 282"L x 86"W
9. ERV-14: 200"L x 87"W x 86"H; EX CURB SIZE: 226" x 108"W
10. ERV-15: 135"L x 64"W x 66"H; EX CURB SIZE: 202"L x 86"W
11. ERV-16: 135"L x 64"W x 66"H; EX CURB SIZE: 202"L x 86"W
12. ERV-17: 135"L x 64"W x 66"H; EX CURB SIZE: 187"L x 82"W

(4) TYP ROOFTOP ERV W/O HORIZONTAL DUCTS

SCALE: NONE

(5) NOT USED

SCALE: NONE

(6) NOT USED

SCALE: NONE

(7) NOT USED

SCALE: NONE

NOTES:
1. EX UNIT CURB DIMENSIONS ARE INDICATED ON THE DRAWINGS. EX ROOF CURBS SHALL REMAIN. NEW UNITS SHALL UTILIZE CURB ADAPTERS TO ARRANGE THE AIR FLOWS BELOW THE UNITS TO MATCH EXISTING DUCT CONNECTIONS AS REQUIRED. SOME UNITS MAY ONLY HAVE ONE DUCT CONNECTION FROM WITHIN THE CURB. EXTEND ALL PIPING WITHIN THE EXISTING CURB TO THE NEW LOCATIONS WITHIN THE NEW UNITS. UNITS WITH HORIZONTAL DUCTWORK, THE DUCTWORK IS INDICATED ON THE ROOF DRAWING. IF MANUFACTURER CANNOT BUILD THEIR UNIT WITH THE DUCT CONNECTION WHERE INDICATED THEN THEY SHALL BE RESPONSIBLE FOR ROUTING THE DUCT AS REQUIRED TO ENTER THE BUILDING AT THE SAME EX LOCATION. MANUFACTURER SHALL BE RESPONSIBLE FOR ADDITION DUCTWORK SUPPORTS AND ASSOCIATED ROOF WORK AS REQUIRED. DUCTWORK SHALL BE DOUBLE WALL PRE-INSULATED DUCTWORK WITH R-8 MINIMUM INSULATION BEWTEEN A PERFORATED INNER LINER AND THE EXTERIOR SHEETMETAL. ALL JOINTS SHALL BE GASKETED. DUCT EQUAL TO THAT MANUFACTURERED BY JMT.

COMPONENTS:
1. THE NEW UNITS SHALL BE WATER COOLED, EXTENDED RANGE GEOTHERMAL HEAT PUMP UNITS WITH FACTORY TERMINAL STRIPS FOR CONTROLS BY JOHNSON CONTROLS, INCORPORATED. UNITS SHALL HAVE THEIR ASSOCIATED HARDWIRED SAFETIES. REFER TO SPECIFICATIONS, SCHEDULES AND AUTOMATIC CONTROLS FOR ADDITIONAL INFORMATION.

ADDITIONAL OUTSIDE AIR SIDE COMPONENTS SHALL INCLUDE:
1. OUTSIDE AIR INTAKE PLENUM WITH ASSOCIATED HOODS AND DAMPERS.
2. OUTSIDE AIR 2" MERV 8 FILTERS UPSTREAM OF THE TOTAL ENERGY WHEEL.
3. TOTAL ENERGY WHEEL WITH BYPASSES.
4. 4" MERV 13 FINAL FILTER.
5. REFRIGERATION COIL AND ASSOCIATED CIRCUITS AND COMPRESSORS, ETC.
6. HOT GAS REHEAT COIL
7. OUTSIDE AIR SUPPLY FAN.

ADDITIONAL RETURN/EXHAUST AIR SIDE COMPONENTS SHALL INCLUDE:
1. RA DAMPER.
2. 2" MERV 8 FILTERS UPSTREAM OF THE TOTAL ENERGY WHEEL.
3. EXHAUST AIR FAN.
4. EXHAUST AIR PLENUM WITH ASSOCIATED HOODS AND DAMPERS.

BASIS OF DESIGN UNIT SIZES:

1. THE UNIT SIZES ARE THE TOTAL CABINET SIZE WITH ALL EQUIPMENT ENCLOSED AND IS THE SIZE OF THE UNIT SUPPORT FRAME. SIZE DOESN'T INCLUDE THE HOOD DIMENSIONS THAT DO NOT IMPACT THE CURB SIZE.
2. ERV-1: 200"L x 87"W x 86"H; EX CURB SIZE: 202"L x 86"W
3. ERV-2: 114"L x 64"W x 62"H; EX CURB SIZE: 180"L x 72"W
4. ERV-9: 200"L x 87"W x 86"H; EX CURB SIZE: 226"L x 107"W

(8) TYP ROOFTOP ERV W/ HORIZONTAL DUCTS

SCALE: NONE

(9) NOT USED

SCALE: NONE

(10) NOT USED

SCALE: NONE

(11) NOT USED

SCALE: NONE

NOTES:
1. EX UNIT HOUSEKEEPING PADS SHALL BE RE-USED AND ENLARGED AS INDICATED ON THE DRAWINGS. NEW HOUSEKEEPING PADS SHALL BE PROVIDED IF INDICATED. THE DUCTWORK AND PIPING MODIFICATIONS ARE INDICATED ON THE DRAWINGS.

COMPONENTS:
1. THE NEW UNITS SHALL BE WATER COOLED, EXTENDED RANGE GEOTHERMAL HEAT PUMP UNITS WITH FACTORY TERMINAL STRIPS FOR CONTROLS BY JOHNSON CONTROLS, INCORPORATED. UNITS SHALL HAVE THEIR ASSOCIATED HARDWIRED SAFETIES. REFER TO SPECIFICATIONS, SCHEDULES AND AUTOMATIC CONTROLS FOR ADDITIONAL INFORMATION.

ADDITIONAL OUTSIDE AIR SIDE COMPONENTS SHALL INCLUDE:
1. OUTSIDE AIR INTAKE PLENUM WITH ASSOCIATED HOODS AND DAMPERS.
2. OUTSIDE AIR 2" MERV 8 FILTERS UPSTREAM OF THE TOTAL ENERGY WHEEL.
3. TOTAL ENERGY WHEEL WITH BYPASSES.
4. 4" MERV 13 FINAL FILTER.
5. REFRIGERATION COIL AND ASSOCIATED CIRCUITS AND COMPRESSORS, ETC.
6. HOT GAS REHEAT COIL
7. OUTSIDE AIR SUPPLY FAN.

ADDITIONAL RETURN/EXHAUST AIR SIDE COMPONENTS SHALL INCLUDE:
1. RA DAMPER.
2. 2" MERV 8 FILTERS UPSTREAM OF THE TOTAL ENERGY WHEEL.
3. EXHAUST AIR FAN.
4. EXHAUST AIR PLENUM WITH ASSOCIATED HOODS AND DAMPERS.

BASIS OF DESIGN UNIT SIZES:

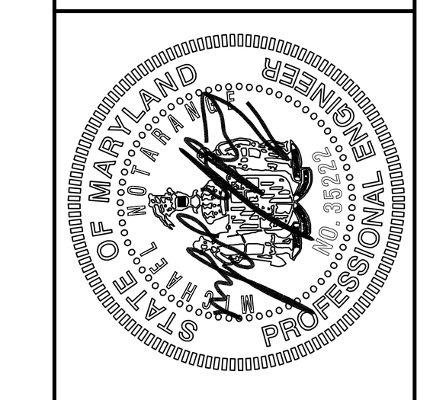
1. THE UNIT SIZES ARE THE TOTAL CABINET SIZE WITH ALL EQUIPMENT ENCLOSED AND IS THE SIZE OF THE UNIT SUPPORT FRAME.
2. ERV-3: 174"L x 59"W x 88"H
3. ERV-7: 135"L x 64W x66"H PROVIDE WITH ADAPTER CURB FOR DOWN INLET AND DISCHARGE.
4. ERV-8: 114"L x 64"W x 62"H
5. ERV-18.1: 117"L x 63"W x 30"H, DIMENSIONS DO NOT INCLUDE THE 19"W INLET AND EXHAUST FILTER HOUSINGS.

(12) TYP INTERIOR ERV

SCALE: NONE

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland 410.832.2420
Easton, Maryland 410.822.8688
www.gipe.net
W.O.# 25097



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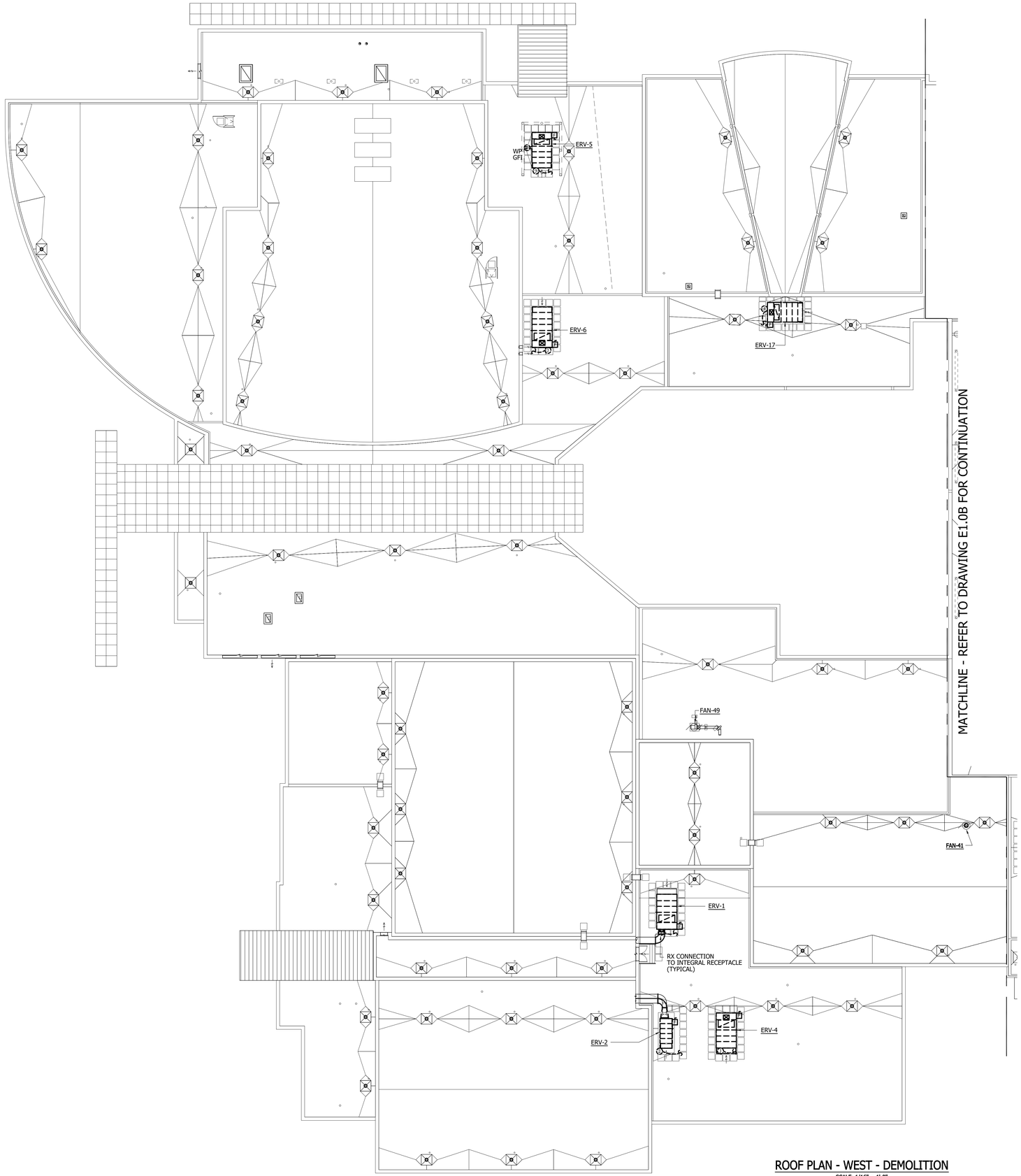
GILBERT ARCHITECTS
626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077
200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

MECHANICAL DETAILS

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
1 ADDENDUM NO.2	04/08/2026

DRAWN BY	CJW
PROJECT NO.	25097
SHEET NO.	M4.1
DATE	03/15/2026

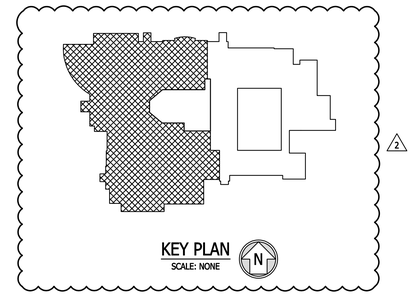


ROOF PLAN - WEST - DEMOLITION

SCALE: 1/16" = 1'-0"

DRAWING NOTES:

1. MAINTAIN EX 120V CIRCUITS FOR RECEPTACLES IN ROOFTOP UNITS FOR RECONNECTION TO NEW.



SCALE: 1/16" = 1'-0"

16 8 0 16 32

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore Area
410.832-2420
410.832.8688
www.gipe.net
W.O. # 25097

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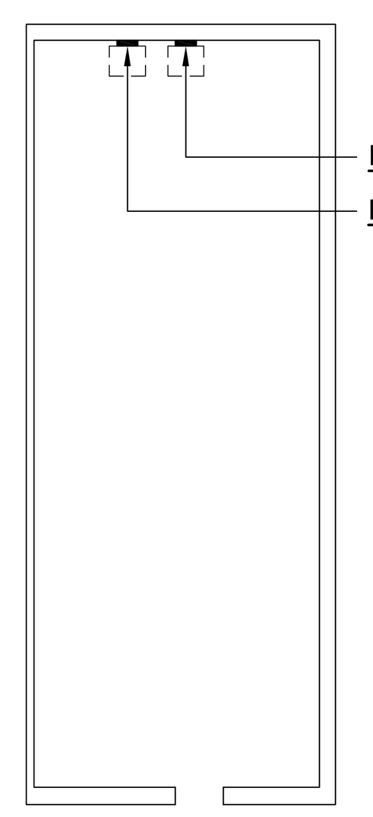
GILBERT ARCHITECTS
630 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077
200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.316.1300
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8866

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

ROOF PLAN - WEST - DEMOLITION

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E1.0A
DATE	03/15/2026

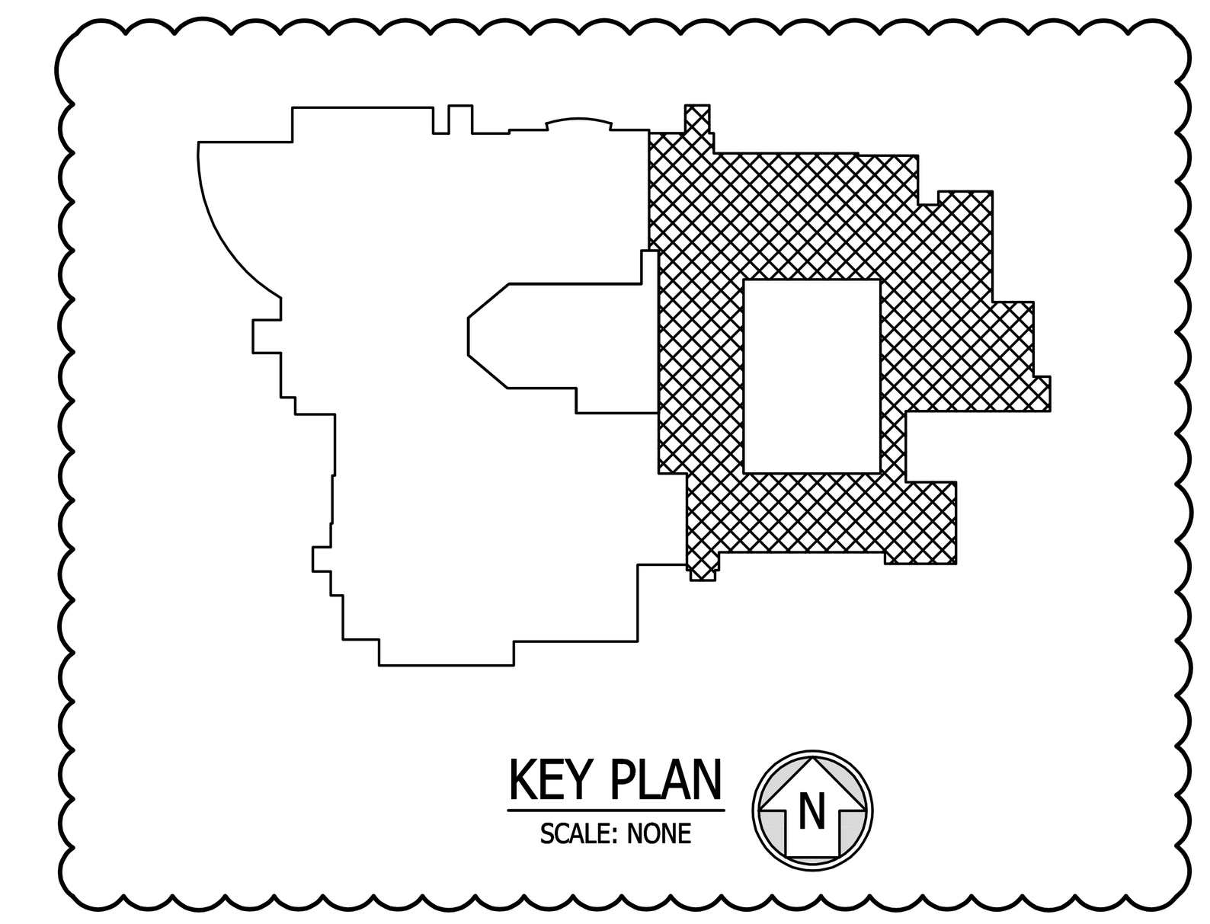


PART PLAN - KITCHEN MEZZANINE

SCALE: 1/16" = 1'-0"

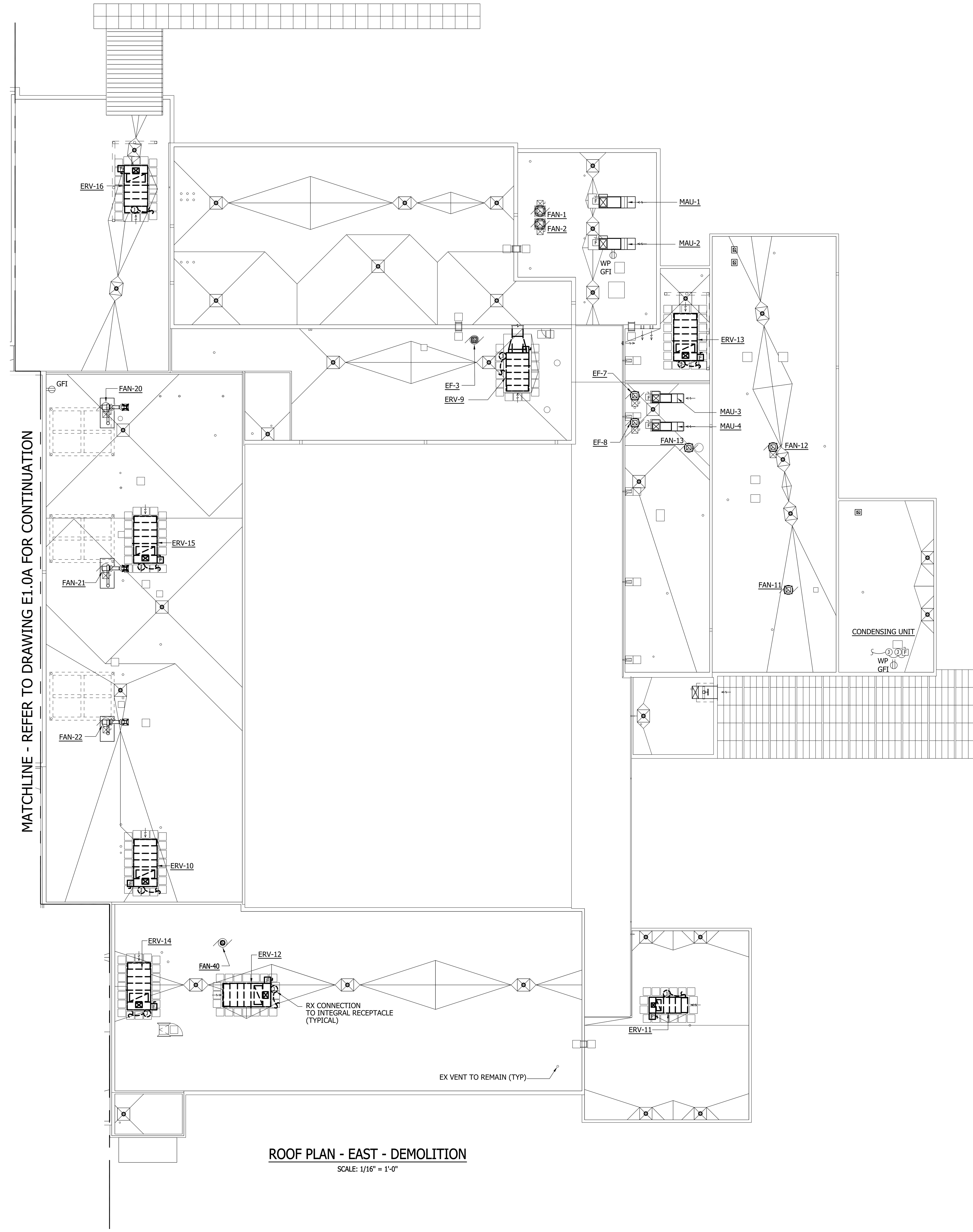
DRAWING NOTES:

1. MAINTAIN EX 120V CIRCUITS FOR RECEPTACLES IN ROOFTOP UNITS FOR RECONNECTION TO NEW.



KEY PLAN

SCALE: NONE



ROOF PLAN - EAST - DEMOLITION

SCALE: 1/16" = 1'-0"

SCALE: 1/16" = 1'-0"

16 8 0 16 32

PCS NO. L12F016

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W.O.# 25097

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GILBERT ARCHITECTS
626 North Charlotte Street, Lancaster, PA 17603
200 Continental Drive, Suite 401, Newark, DE 19713
10440 Little Patuxent Parkway, Suite 400, Columbia, MD 21044

ROOF PLAN - EAST - DEMOLITION

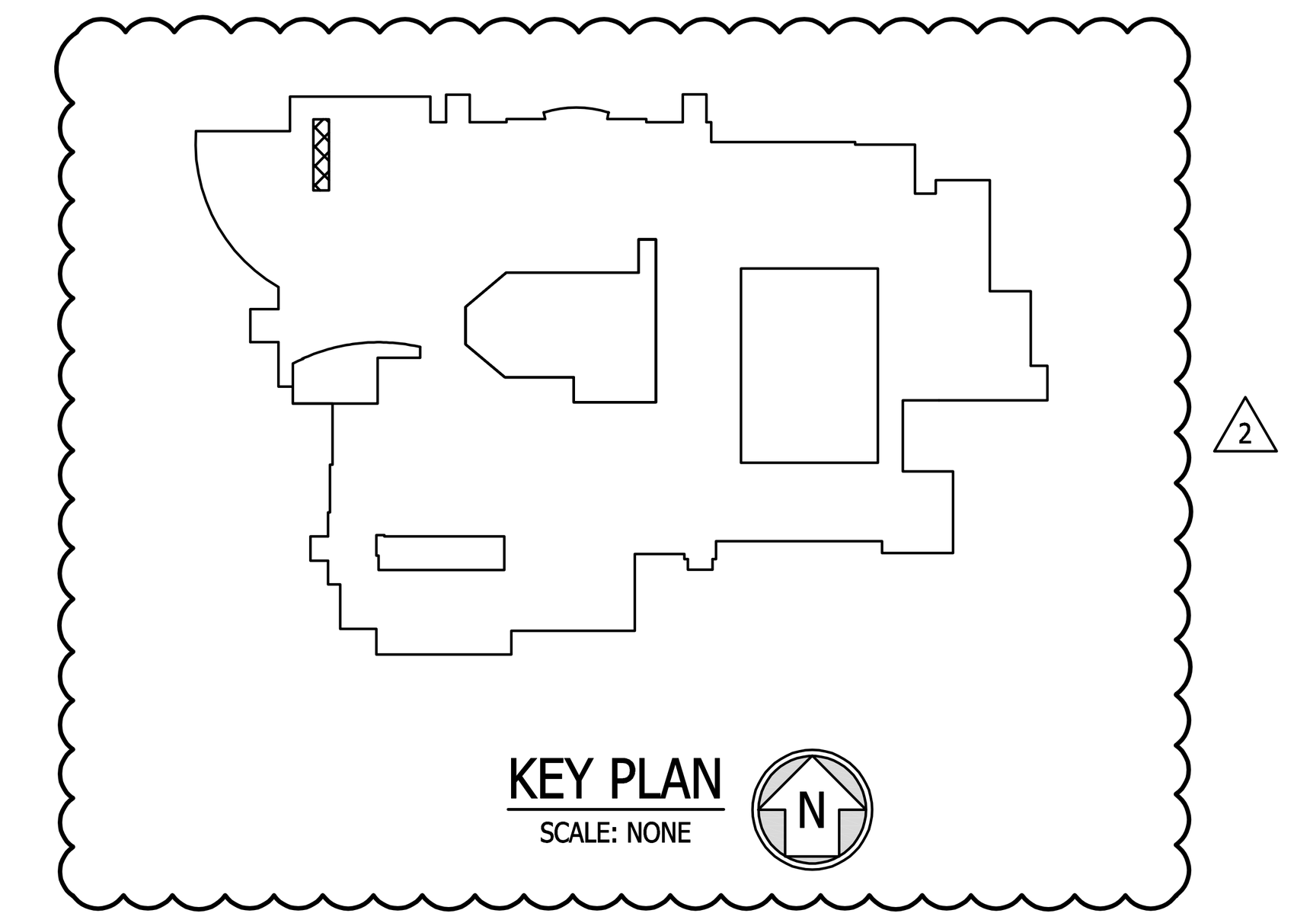
ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

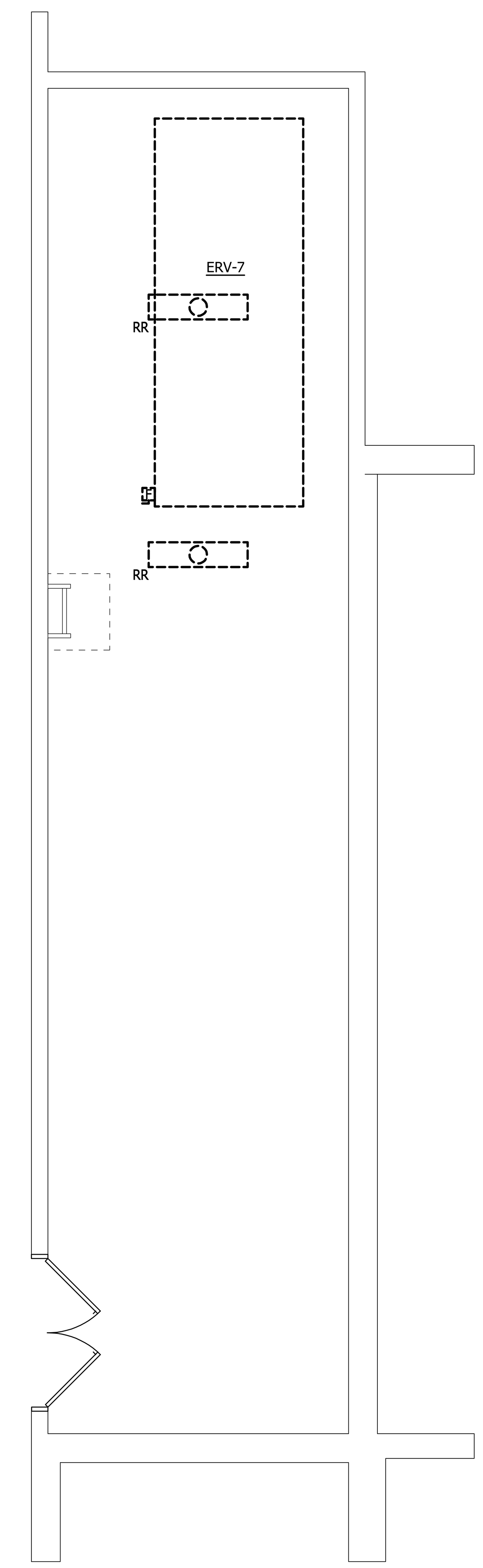
DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E1.0B
DATE	03/15/2026

GENERAL NOTES:

1. HVAC UNITS INDICATED TO BE REMOVED WILL BE REMOVED UNDER MECH DIVISION. REMOVE ASSOCIATED ELECTRICAL WORK BACK TO POINT OF SOURCE.
2. REMOVE AND STORE EXISTING LIGHTS AND OTHER CEILING MOUNTED DEVICES AS REQUIRED TO ACCOMODATE MECHANICAL WORK. REINSTALL AFTER MECHANICAL WORK IS COMPLETE UON. GENERAL SCOPE IS INDICATED.



KEY PLAN
SCALE: NONE



MECHANICAL ROOM - A301 - DEMOLITION
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
4 0 4 8

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
W.O.# 25097

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GILBERT ARCHITECTS
626 North Charlotte Street, Lancaster, PA 17603
200 Continental Drive, Suite 401, Newark, DE 19713
10451 Mill Run Circle, Suite 400, Owings Mills, MD 21117

PART PLAN - MECHANICAL ROOM - A301 - DEMOLITION

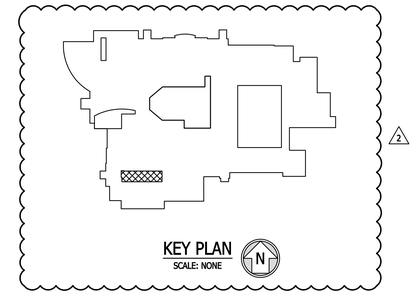
ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E1.1
DATE	03/15/2026

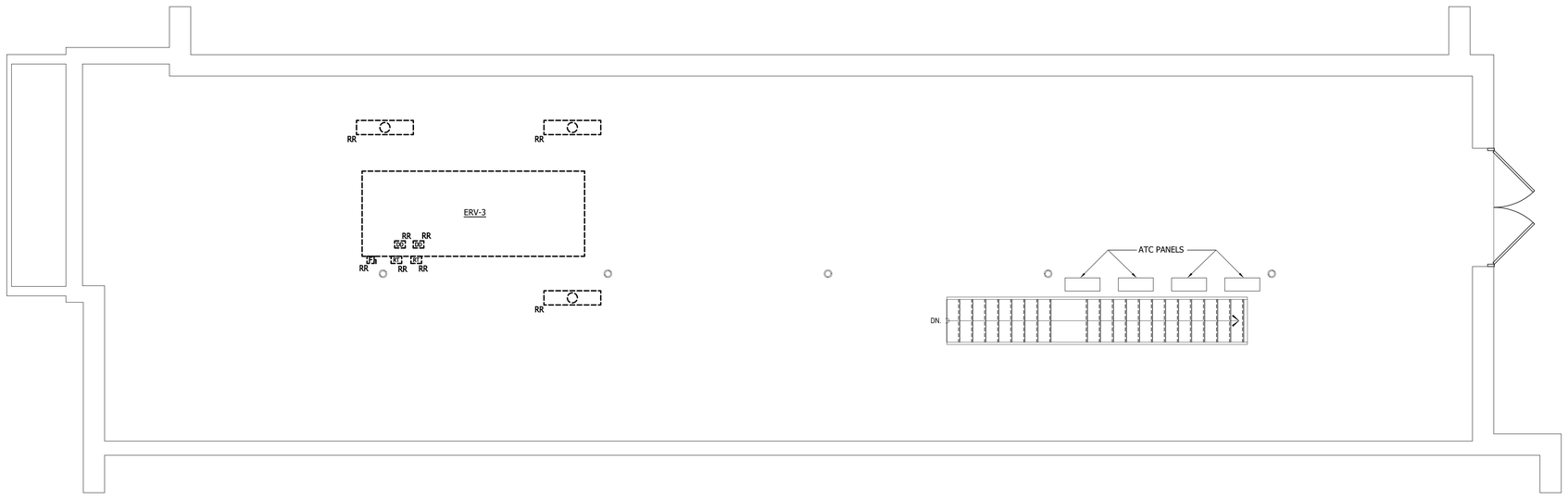
GENERAL NOTES:

1. HVAC UNITS INDICATED TO BE REMOVED WILL BE REMOVED UNDER MECH DIVISION. REMOVE ASSOCIATED ELECTRICAL WORK BACK TO POINT OF SOURCE.
2. REMOVE AND STORE EXISTING LIGHTS AND OTHER CEILING MOUNTED DEVICES AS REQUIRED TO ACCOMODATE MECHANICAL WORK. REINSTALL AFTER MECHANICAL WORK IS COMPLETE UON. GENERAL SCOPE IS INDICATED.



KEY PLAN
SCALE: NONE

2



MECHANICAL ROOM - F214 - DEMOLITION
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
4 0 4 8

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland
410.832.2420
410.832.8688
www.gipe.net
W.O. # 25097

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826 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077

200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300

10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8866

GILBERT ARCHITECTS

PART PLAN - MECHANICAL ROOM - F214 - DEMOLITION

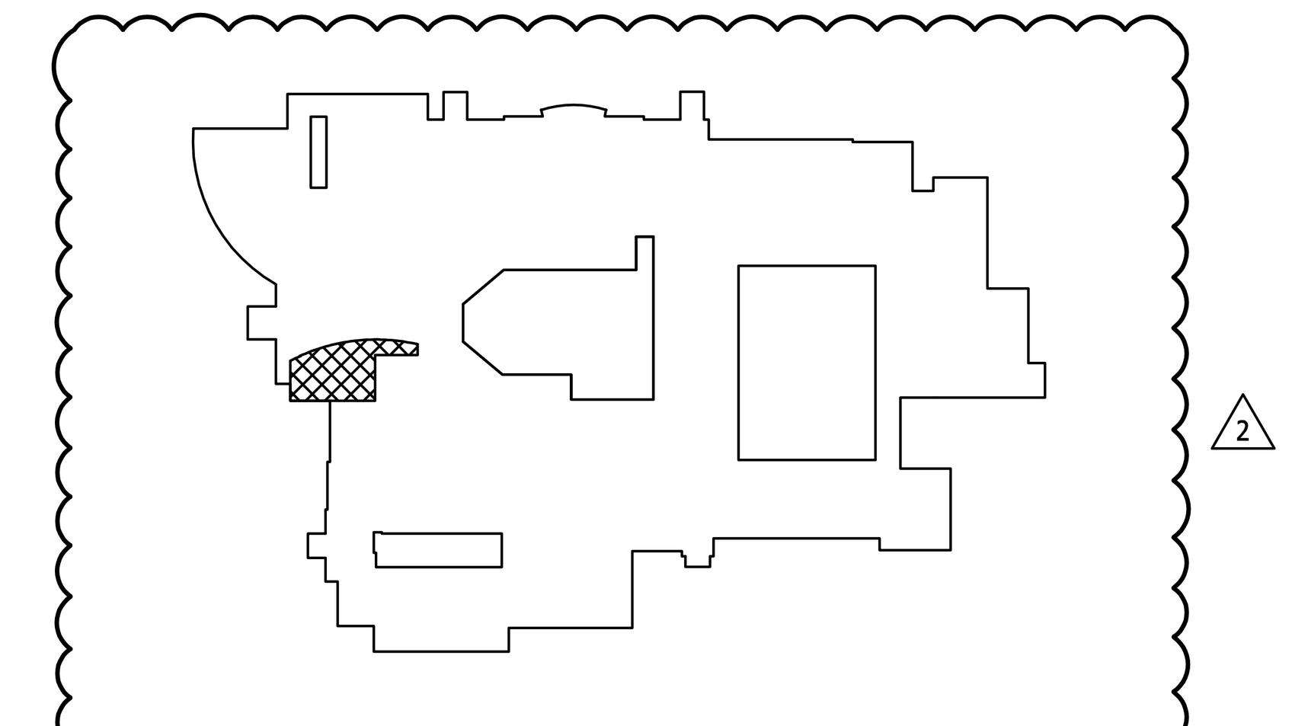
ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

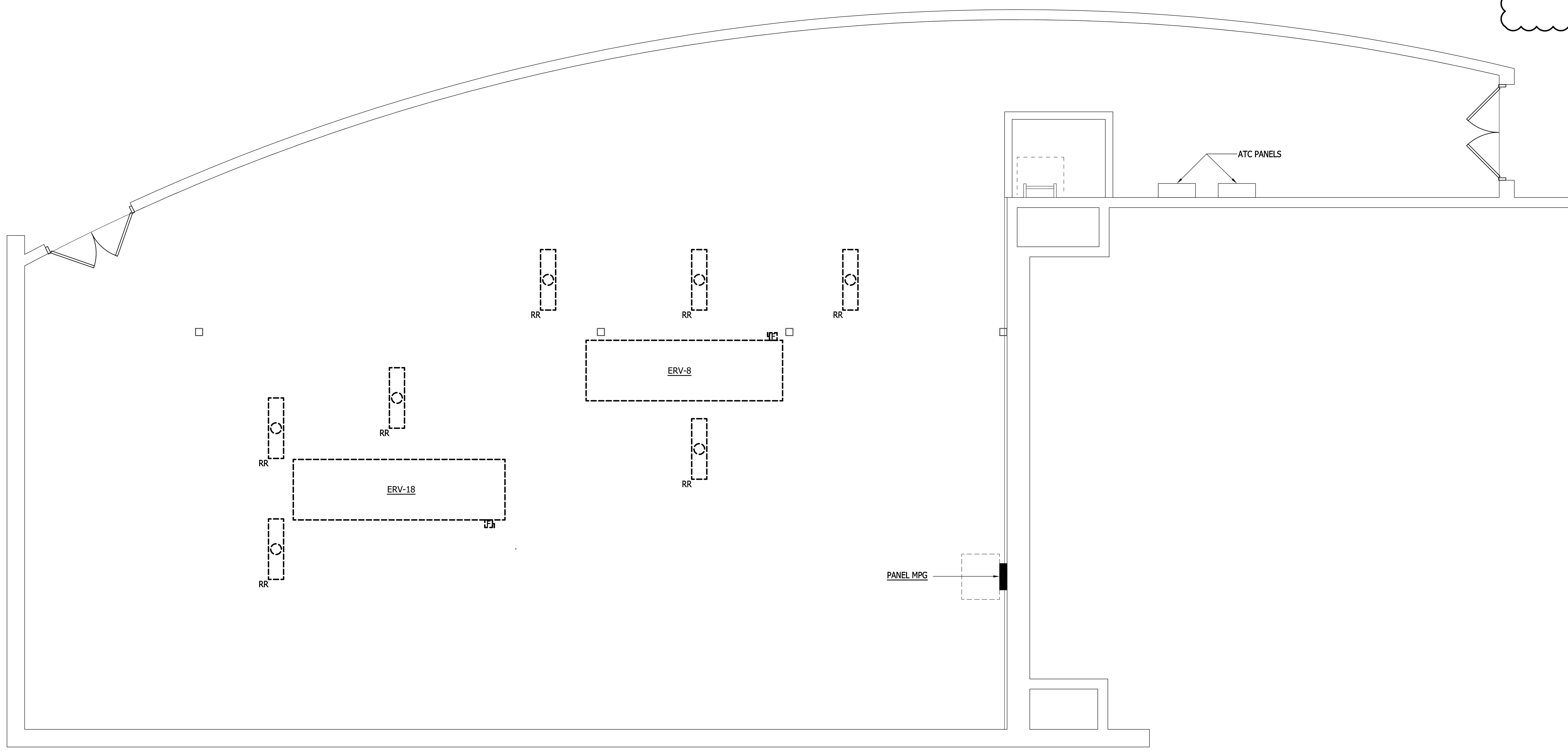
DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E1.2
DATE	03/15/2026

GENERAL NOTES:

1. HVAC UNITS INDICATED TO BE REMOVED WILL BE REMOVED UNDER MECH DIVISION. REMOVE ASSOCIATED ELECTRICAL WORK BACK TO POINT OF SOURCE.
2. REMOVE AND STORE EXISTING LIGHTS AND OTHER CEILING MOUNTED DEVICES AS REQUIRED TO ACCOMODATE MECHANICAL WORK. REINSTALL AFTER MECHANICAL WORK IS COMPLETE UON. GENERAL SCOPE IS INDICATED.



KEY PLAN
SCALE: NONE



MECHANICAL ROOM - G300 - DEMOLITION
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
4 0 4 8

PCS NO. L12F016

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CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland 410.832.2420
Easton, Maryland 410.822.8688
www.gipe.net
W.O.# 25097

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626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077

200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300

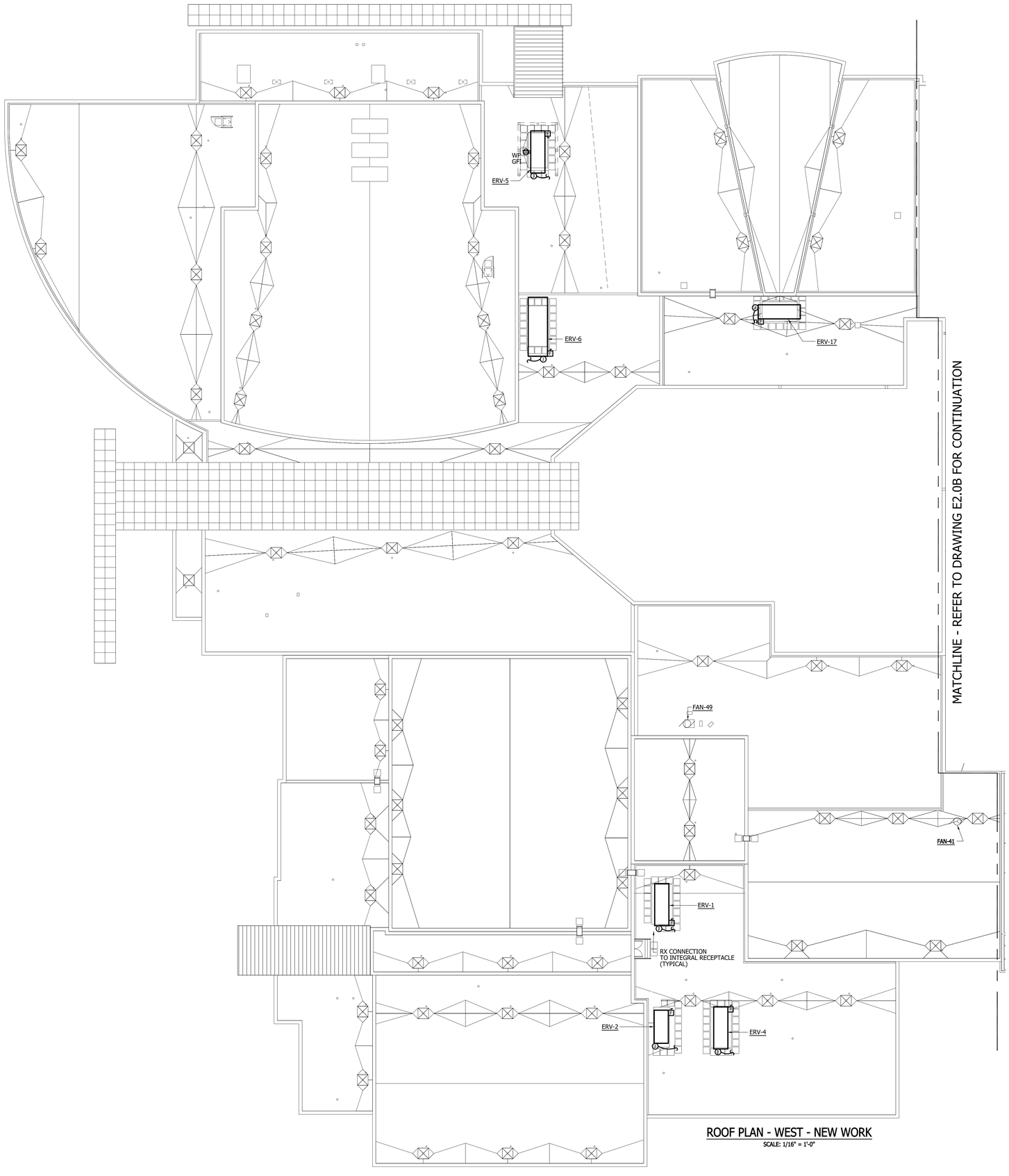
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

PART PLAN - MECHANICAL ROOM - G300 - DEMOLITION

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

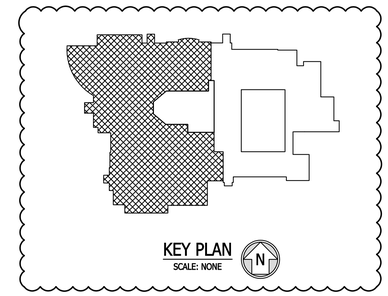
DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E1.3
DATE	03/15/2026



ROOF PLAN - WEST - NEW WORK
SCALE: 1/16" = 1'-0"

DRAWING NOTES:

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE, DRAWING E6.4, FOR ADDITIONAL INFORMATION.
2. MAKE CONNECTION TO RECEPTACLE INTEGRAL IN ERV UNITS FROM EXISTING MAINTAINED CIRCUIT AS REQUIRED. REFER TO DEMOLITION DRAWINGS.



KEY PLAN
SCALE: NONE

SCALE: 1/16" = 1'-0"
16 8 0 16 32

PCS NO. L12F016

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1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland
W.O. # 25097
410.832.2420
410.832.8688
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626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077

200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300

10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8806

ROOF PLAN - WEST - NEW WORK

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

DRAWN BY: ASD
PROJECT NO.: 25097
SHEET NO.: E2.0A
DATE: 03/15/2026

NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

ROOF REPLACEMENT:

ROOF PLAN - EAST - NEW WORK

GILBERT ARCHITECTS

628 North Charles Street
Baltimore, PA 17603
P. 717.291.1077

200 Continental Drive, Suite 401
Newark, DE 19713
P. 302.318.1500

10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P. 410.356.8650

REVISION	DATE
2 ADDENDUM NO.2	03/06/2026

DRAWN BY: ASD
PROJECT NO.: 25097
SHEET NO.: E2.0B
DATE: 03/13/2026

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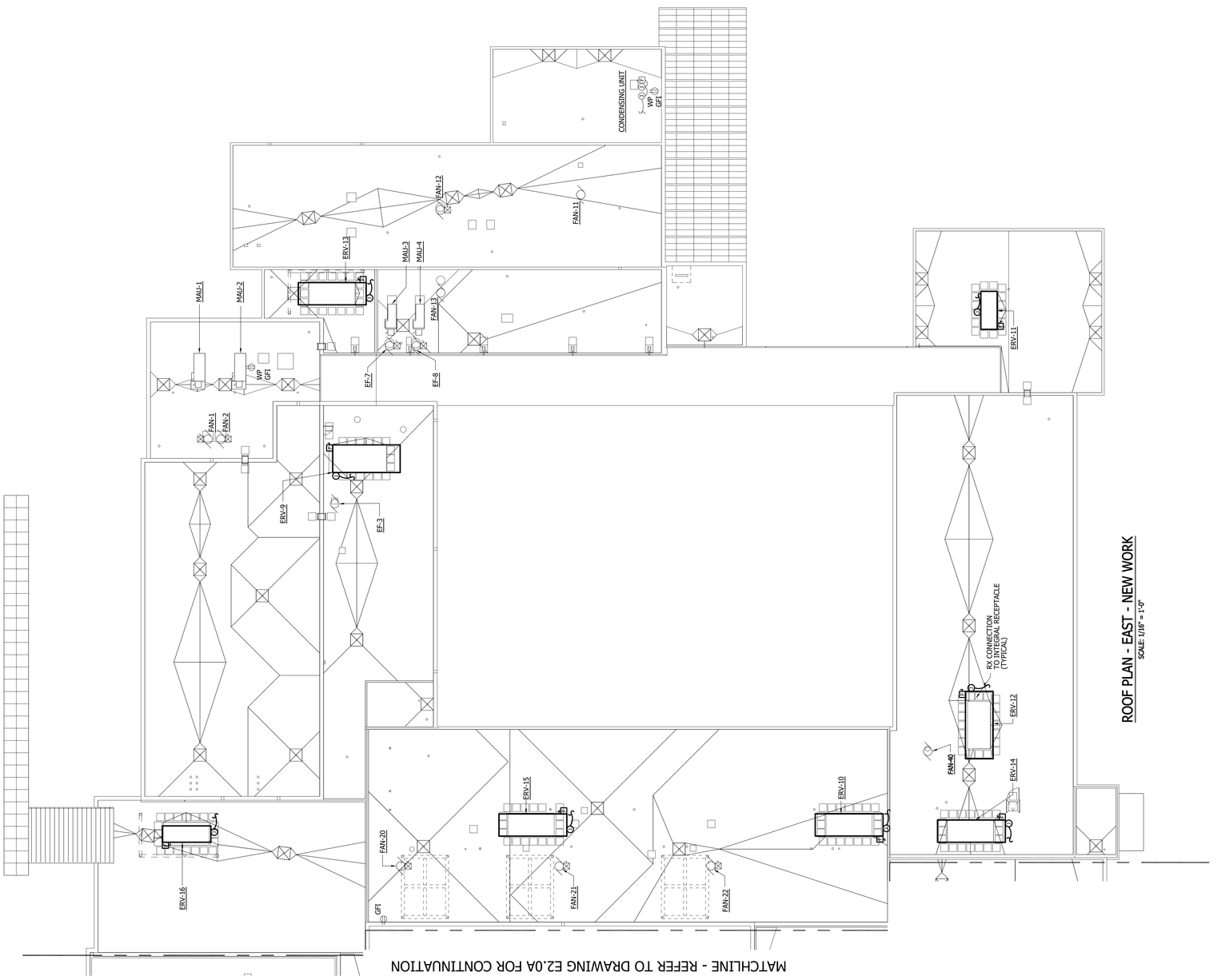
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 323
Baltimore, Maryland 21286
410.823.3420
Towson, Maryland 21204
410.823.8688
W.O.# 25097

SCALE: 1/16" = 1'-0"
16 8 0 16 32
PCS NO. L12F016

DRAWING NOTES:

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE, DRAWING E6.4, FOR ADDITIONAL INFORMATION.
2. MAKE CONNECTION TO RECEPTACLE INTEGRAL IN ERV UNITS FROM EXISTING MAINTAINED CIRCUIT AS REQUIRED. REFER TO DEMOLITION DRAWINGS.

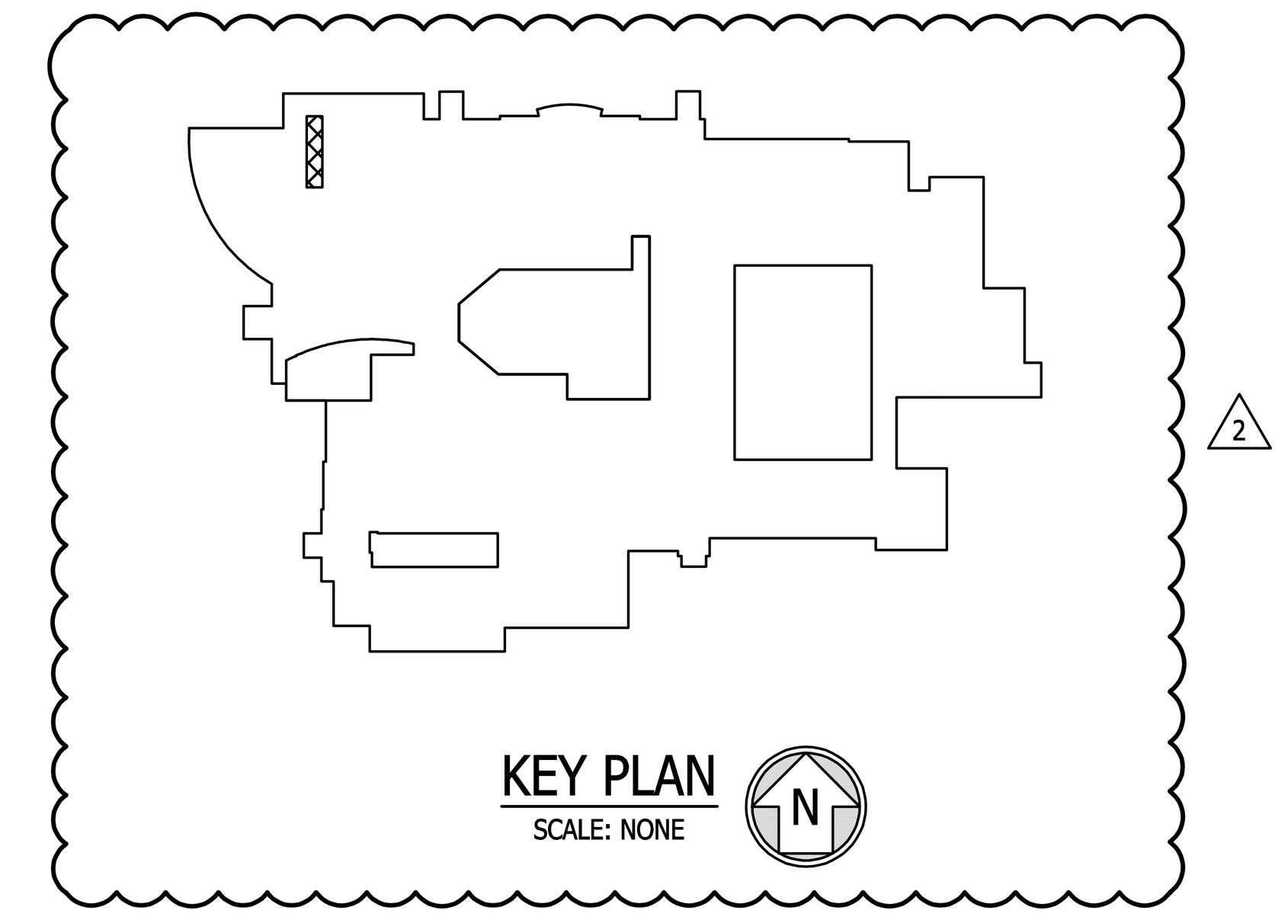
KEY PLAN
SCALE: NONE



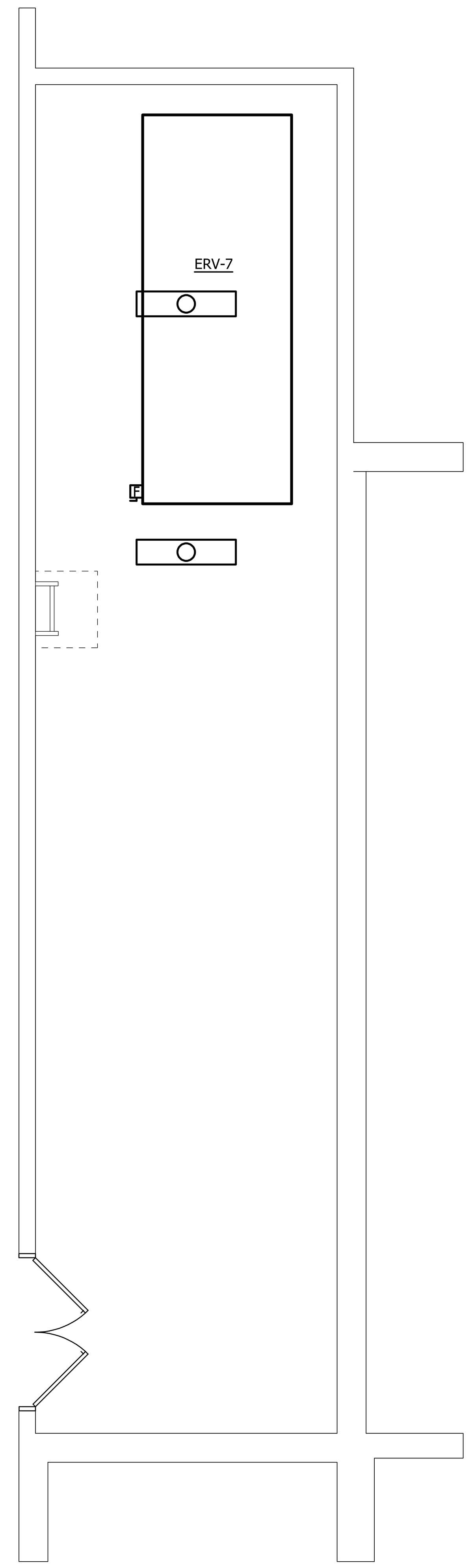
ROOF PLAN - EAST - NEW WORK
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO MECHANICAL EQUIPMENT SCHEDULE, DWG. E6.4, FOR ADDITIONAL INFORMATION.
2. REINSTALL EXISTING CEILING MOUNTED DEVICES REMOVED TO ACCOMODATE NEW CEILINGS/HVAC WORK AS REQUIRED. REFER TO DEMOLITION DRAWINGS.



KEY PLAN
SCALE: NONE



MECHANICAL ROOM - A301 - NEW WORK
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

4 0 4 8

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
W.O.# 25097

626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077

200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300

10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8656

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GILBERT ARCHITECTS

PART PLAN - MECHANICAL ROOM - A301 - NEW WORK

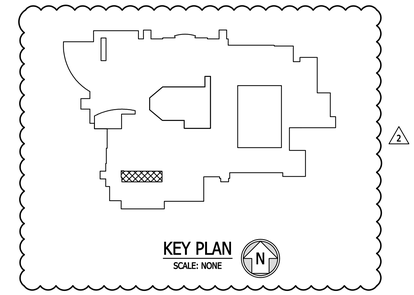
ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

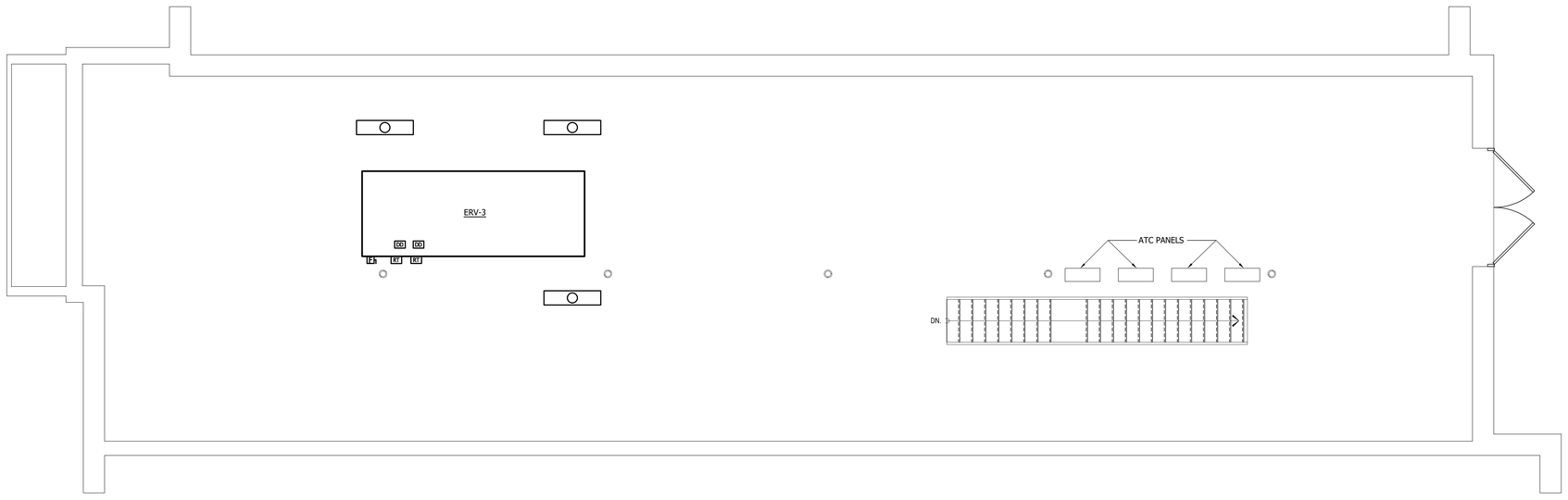
REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E2.1
DATE	03/15/2026

GENERAL NOTES:

1. REFER TO MECHANICAL EQUIPMENT SCHEDULE, DWG. E6.4, FOR ADDITIONAL INFORMATION.
2. REINSTALL EXISTING CEILING MOUNTED DEVICES REMOVED TO ACCOMODATE NEW CEILINGS/HVAC WORK AS REQUIRED. REFER TO DEMOLITION DRAWINGS.





MECHANICAL ROOM - F214 - NEW WORK

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

4 0 4 8

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland
410.832.2420
410.832.8688
www.gipe.net
W.O. # 25097

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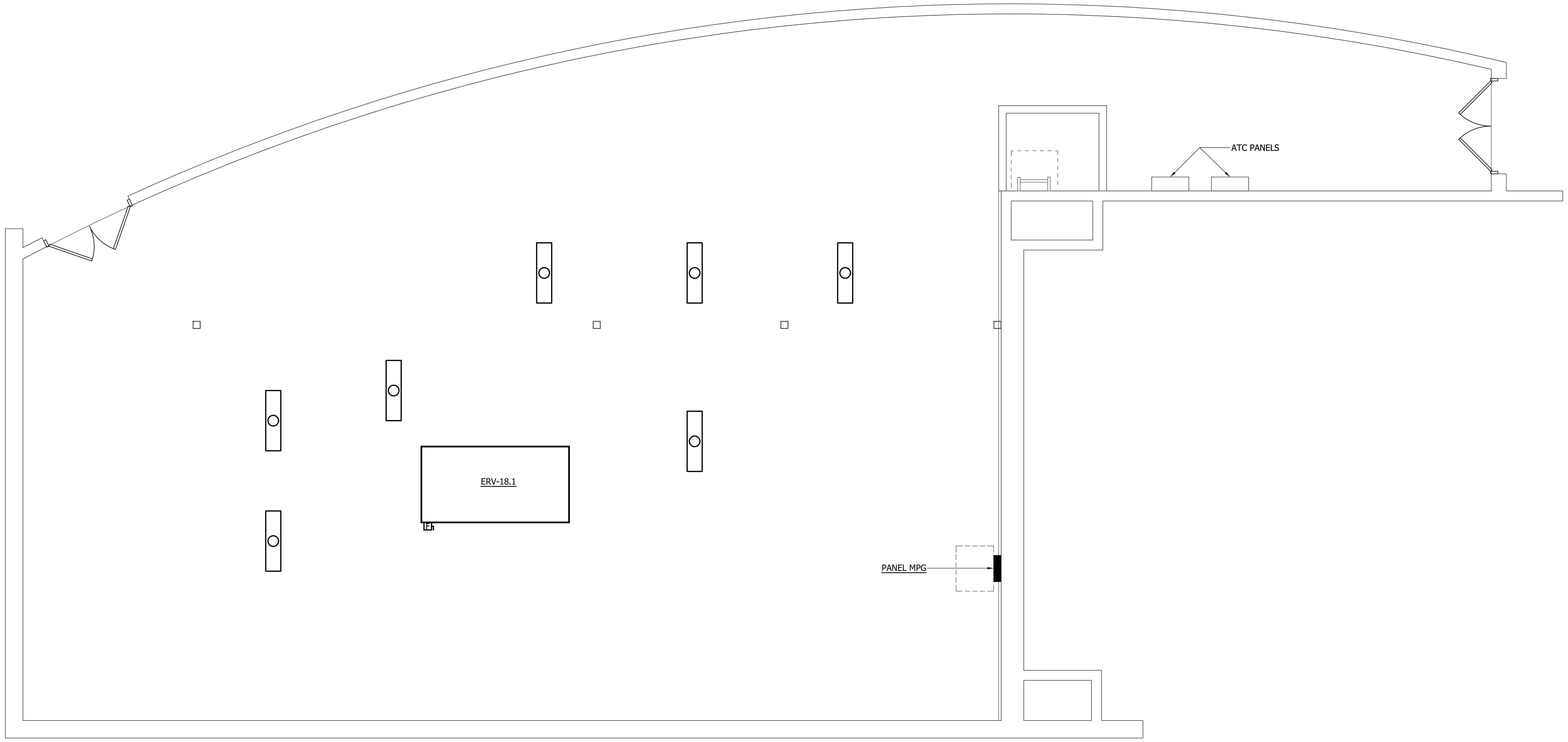
GILBERT ARCHITECTS
630 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077
200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8866

PART PLAN - MECHANICAL ROOM - F214 - NEW WORK

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E2.2
DATE	03/15/2026

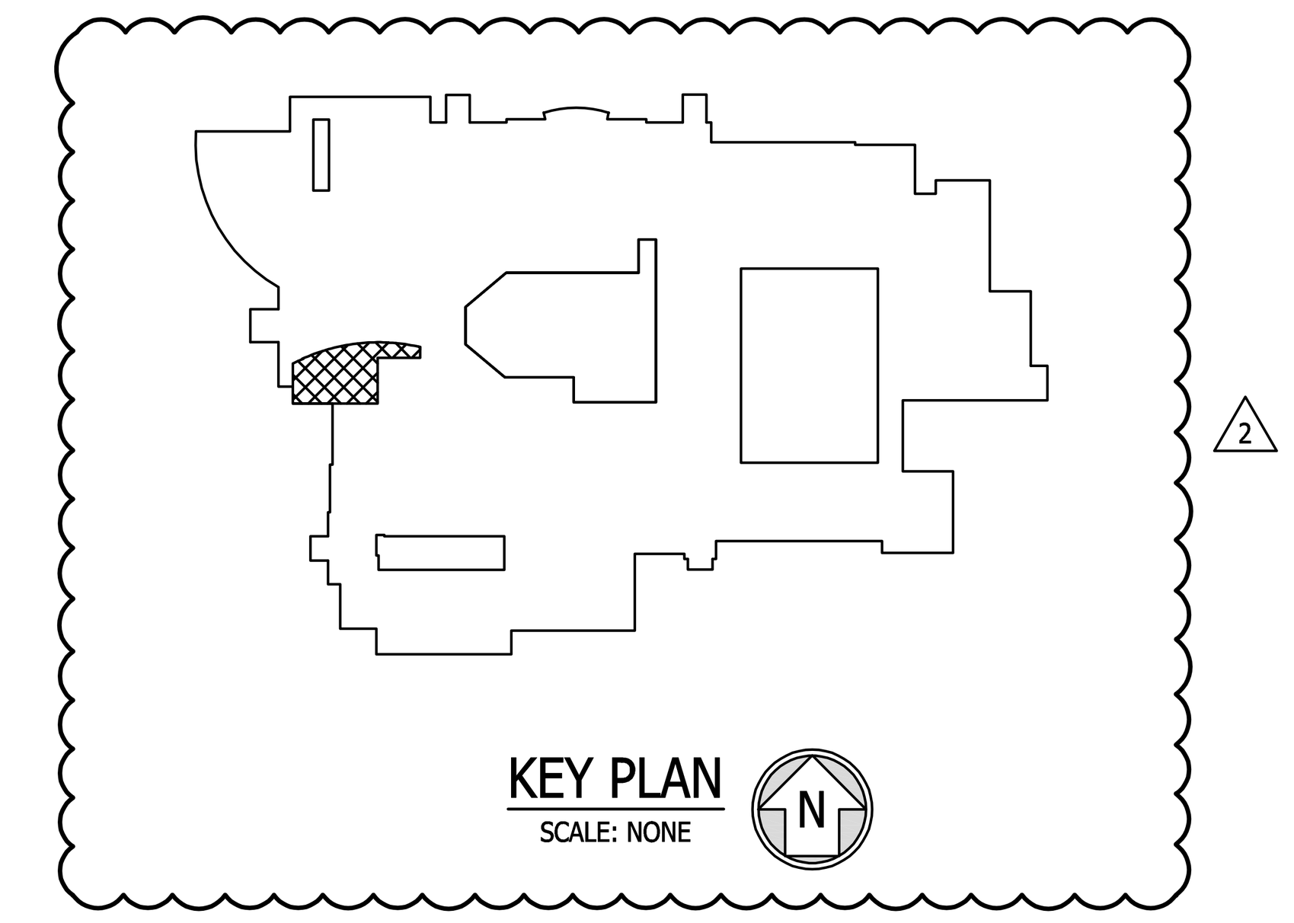


MECHANICAL ROOM - G300 - BOD MANUFACTURER

SCALE: 1/4" = 1'-0"

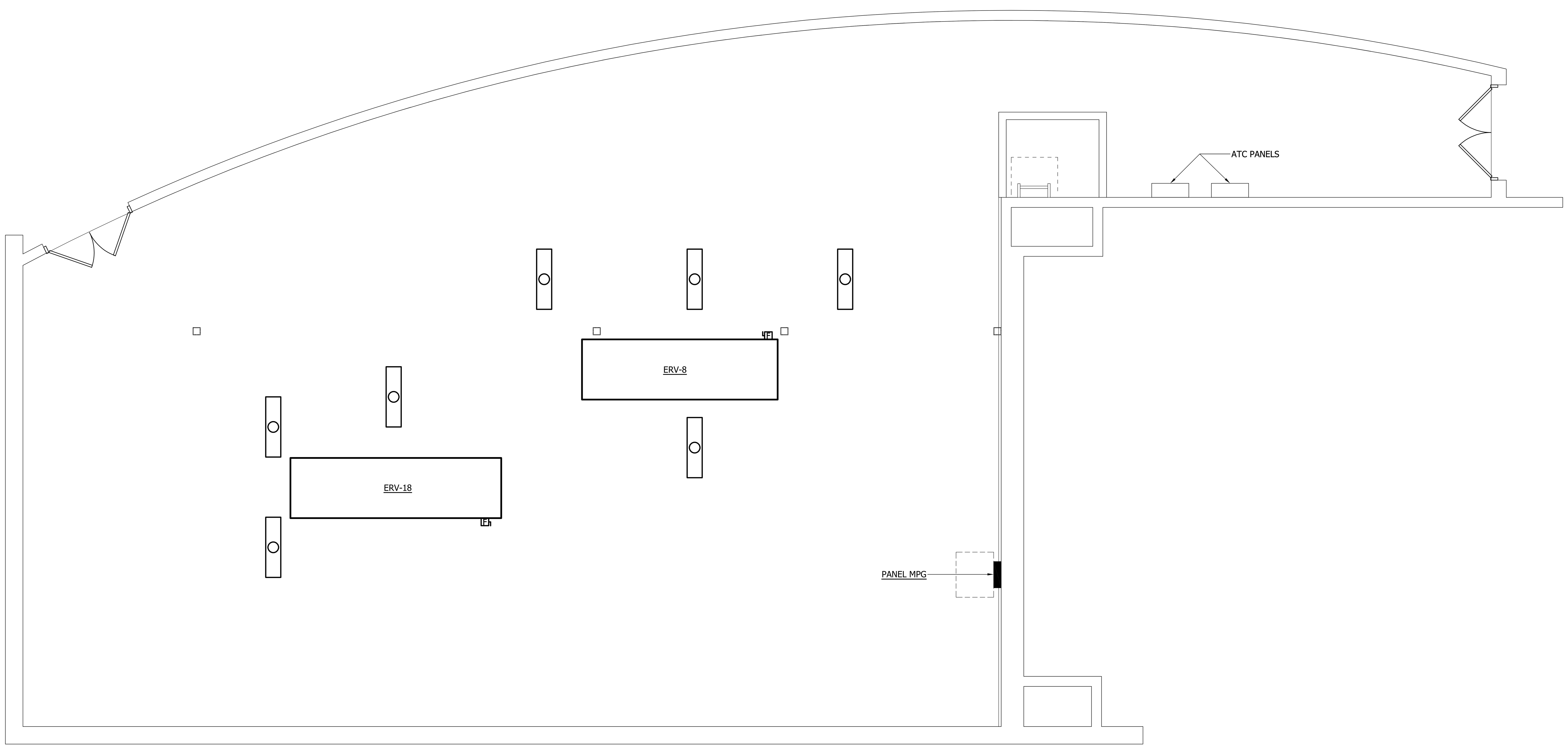
GENERAL NOTES:

1. REFER TO MECHANICAL EQUIPMENT SCHEDULE, DWG. E6.4, FOR ADDITIONAL INFORMATION.
2. REINSTALL EXISTING CEILING MOUNTED DEVICES REMOVED TO ACCOMODATE NEW CEILINGS/HVAC WORK AS REQUIRED. REFER TO DEMOLITION DRAWINGS.



KEY PLAN

SCALE: NONE



MECHANICAL ROOM - G300 - ALTERNATE MANUFACTURER

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

4 0 4 8

PCS NO. L12F016

Gipe Associates, Inc.
CONSULTING ENGINEERS
1220 East Joppa Road, Suite 223
Towson, Maryland 21286
Baltimore, Maryland 410.832.2420
Easton, Maryland 410.822.8688
www.gipe.net
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626 North Charlotte Street
Lancaster, PA 17603
P: 717.291.1077
200 Continental Drive, Suite 401
Newark, DE 19713
P: 302.318.1300
10451 Mill Run Circle, Suite 400
Owings Mills, MD 21117
P: 410.356.8856

PART PLAN - MECHANICAL ROOM - G300 - NEW WORK

ROOF REPLACEMENT:
NORTH HARFORD HIGH SCHOOL
HARFORD COUNTY PUBLIC SCHOOLS
PYLESVILLE, MARYLAND 21132

REVISION	DATE
2 ADDENDUM NO.2	04/08/2026

DRAWN BY	ASD
PROJECT NO.	25097
SHEET NO.	E2.3
DATE	03/15/2026