

ADDENDUM NO. 04

PROJECT: BRADFORD CSD - 2023 CAPITAL IMPROVEMENT PROJECT

CPL PROJECT NO. R22.15663.01

SED PROJECT NO. (MB): 57-04-01-04-0-001-013; (BG): 57-04-01-04-5-006-006; (SB): 57-04-01-04-2-003-001

DATE: 04/04/2025

Include this Addendum as part of the Contract Documents. It supplements portions of the original specifications and drawings, the extent of which shall remain, except as revised herein:

PRE-BID RFI'S:

QUESTION: Please clarify scopes of work for the General Contractor, Bus Lift Contractor and Plumbing Contractor as it pertains to the existing trench drains and the new trench drains for saw cutting and removal of existing concrete, trenching and backfill, (as RE-Bar is shown below the Drain System), and concrete floor system replacement.

RESPONSE: See updated Bus Garage drawings issued in Addendum 04 for scope clarification (see RFI FC-01 attached).

QUESTION: Please advise if it's acceptable to use zoomlock fittings on the refrigeration piping system on this project?

RESPONSE: Zoomlock fittings are acceptable to use on the refrigeration piping system (see RFI FC-03 attached).

QUESTION: Please provide Vibration Isolation specification if required as shown on detail 5 H-800.

RESPONSE: For suspended HVAC equipment and where indicated in drawing details, provide Kinetics, Model # SRH spring and neoprene isolation hangers (see RFI FC-04 attached).

QUESTION: Please clarify the scopes of work for the GC and MC as it pertains to the roof work required for installation of equipment curbs, rails, and pipe portals. Currently shown and noted on MB A-202 & 800 and on MB H-202.1, 202.2, 202.3, 202.4, H302.1, 302.2, 302.3, 302.4

RESPONSE: All work associated with mechanical work is the responsibility of the mechanical contractor. This includes installation of curbs, rails, and pipe portals. The mechanical contractor is also responsible for cutting, patching, and sealing of roof openings for mechanical equipment. The only work by the general contractor associated with mechanical work will be the structural support steel below the deck as necessary (see RFI FC-05 attached).

QUESTION: Refrigerant piping is scheduled to insulate with flexible rubber insulation w/ Vapor Barrier. Unlike fiberglass insulation, flexible elastomeric does not come with a factory applied vapor barrier and would require additional field labor to apply it. This is not typical for VRF systems and would be a fairly expensive addition. Please confirm that a vapor barrier jacket is required for all refrigerant pipe insulation. If yes, is venture clad jacket (zero perm) an acceptable alternative product, in lieu of the specified Polyguard Zero Perm Jacket?

RESPONSE: A vapor barrier jacket is not required for all refrigerant pipe insulation (see RFI FC-06



attached).

QUESTION: Are all exposed duct in finished areas to be lined?

RESPONSE: The only ductwork to be lined is what is required per specification section 230713. The only ductwork required to be lined is the first 10' of supply duct from the unit or where otherwise indicated on the drawings. Exposed ductwork in conditioned spaces does not need to be insulated. (see RFI FC-07 attached).

QUESTION: Please provide plumbing pipe schedule.

RESPONSE: Hot water piping 1 1/2" fiberglass or 1" flexible elastomeric. Cold water piping 1" fiberglass or 1" flexible elastomeric. Storm drain piping 1" fiberglass or 1" flexible elastomeric (see RFI FRC-08 attached).

TO THE PROJECT MANUAL:

Section 011200 – Multiple Contract Summary

- 1.02 General Requirements of Contracts, Note 12.
 - Revise Note 12 to read: Each contractor is responsible for an or all roof mounted equipment curbs and all associated roof work related to their scope of work.
- 1.03 General Construction Contract, Note 12.
 - Revise Note 12 to read: Roofing, including coverings and new roofing at building addition.
- 1.03 General Construction Contract, Note 13.
 - Revise Note to read : Structural support for all roof mounted equipment, roof openings and wall penetrations requiring lintels.

TO THE DRAWINGS:

- | | |
|-----------|--|
| MB-A202 | REVISE GENERAL NOTES TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| MB-A800 | REVISE NOTES TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| BG-A201 | REVISE NOTES TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| BG-A202 | REVISE GENERAL NOTES TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| MB-H201.4 | DUCT SIZE CHANGE. |
| MB-H202.1 | REMOVED/EDIT COMMENTS TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| MB-H202.2 | REMOVED/EDIT COMMENTS TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| MB-H202.3 | REMOVED/EDIT COMMENTS TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| MB-H202.4 | REMOVED/EDIT COMMENTS TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| BG-P101 | REMOVED/EDIT COMMENTS TO CLARIFY CONTRACTOR SCOPE OF WORK. |
| BG-P201 | REMOVED/EDIT COMMENTS TO CLARIFY CONTRACTOR SCOPE OF WORK. |



- BG-P800 REMOVED/EDIT COMMENTS TO CLARIFY CONTRACTOR SCOPE OF WORK.
- G – C201 Remove the concrete sidewalk on the northern side of the Bus Garage.

END OF ADDENDUM NO. 04

REQUEST FOR INFORMATION	RFI #: F&C-RFI-01
	Date: 03/27/2025

**Bradford CSD
2023 CAPITAL IMPROVEMENT PROJECT**

Contractor Name: Frey & Campbell

To: Levi Feely, Sarah Hatz, McGuire Insley Firm: CPL

From: Mike Day

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Concrete Removal & Replacement and Excavation & Backfill for Trench Drains

Location: Bus Garage

Information is Requested
By: _____

MESSAGE: Please clarify the scopes of work for the General Contractor, Bus Lift Contractor and Plumbing Contractor as it pertains to the existing Trench Drains and the New Trench Drains for Saw Cutting and Removal of the existing concrete, Treching and Backfill, (As Re-Bar is shown below the Drain System), and Concrete Floor System Replacement.

SEE UPDATED BUS GARAGE DRAWINGS ISSUED IN ADDENDUM 4 FOR SCOPE CLARIFICATION.

Contractors Name: _____

By: _____ Date: _____

REQUEST FOR INFORMATION	RFI #: F&C RFI-02 03
	Date: 3-28-2025

**Bradford CSD
2023 CAPITAL IMPROVEMENT PROJECT**

Contractor Name: Frey & Campbell, Inc.

To: Levi Feely, Sarah Katz, McGuire Insley Firm: CPL
From: Tina Learn

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: REFRIGERANT PIPING 232300

Location: Main Building

Information is Requested By: _____

MESSAGE: Please advise if it is acceptable to use zoomlock fittings on the refrigeration piping systems on this project?

Zoomlock fittings are acceptable to use on the refrigeration piping system.

Contractors Name: _____

By: _____ Date: _____

REQUEST FOR INFORMATION	RFI #: F&C RFI-02 04
	Date: 3-28-2025

**Bradford CSD
2023 CAPITAL IMPROVEMENT PROJECT**

Contractor Name: Frey & Campbell, Inc.

To: Levi Feely, Sarah Katz, McGuire Insley Firm: CPL
From: Tina Learn

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Vibration Isolation
detail 5-H800

Location: Main Building

Information is Requested
By: _____

MESSAGE: Please provide Vibration Isolation specification if required as shown on
detail 5 H-800

For suspended HVAC equipment and where indicated in drawings details,
provide Kinetics, Model # SRH spring and neoprene isolation hangers.

Contractors Name: _____

By: _____ Date: _____

REQUEST FOR INFORMATION	RFI #: F&C RFI-02 ⁰⁵
	Date: 3-28-2025

**Bradford CSD
2023 CAPITAL IMPROVEMENT PROJECT**

Contractor Name: Frey & Campbell, Inc.

To: Levi Feely, Sarah Katz, McGuire Insley Firm: CPL
From: Tina Learn

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Roofing Work

Location: Main Building

Information is Requested By: _____

MESSAGE: Please clarify the scopes of work for the GC and MC as it pertains to roof work required for installation of equipment curbs, rails, and pipe portals. Currently shown and noted on MB A-202 & 800, and on MB H-202.1,202.2,202.3,202.4, H-302.1,302.2,302.3,302.4.

All work associated with mechanical work is the responsibility of the mechanical contractor. This includes installation of curbs, rails, and pipe portals. The mechanical contractor is also responsible for cutting, patching, and sealing of roof openings for mechanical equipment. The only work by the general contractor associated with mechanical work will be the structural support steel below the deck as necessary.

Contractors Name: _____

By: _____ Date: _____

REQUEST FOR INFORMATION	RFI #: F&C RFI-02 02 06
	Date: 4-2-2025

**Bradford CSD
2023 CAPITAL IMPROVEMENT PROJECT**

Contractor Name: Frey & Campbell, Inc.

To: Levi Feely, Sarah Katz, McGuire Insley Firm: CPL
From: Tina Learn

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: 230719 HVAC pipe insulation

Location: Main Building

Information is Requested By: STI

MESSAGE:

1. 2 part question. (Part 1) Please see HVAC Piping Insulation specifications. Refrigerant piping is scheduled to insulate with Flexible rubber insulation w/ Vapor Barrier. Unlike fiberglass insulation, flexible elastomeric does not come with a factory applied vapor barrier and would require additional field labor to apply it. This is not typical for VRF systems and would be a fairly expensive addition. Please confirm that a vapor barrier jacket is required for all refrigerant pipe insulation.
2. Part 2. If yes to part 1, is venture clad jacket (zero perm) an acceptable alternative product, in lieu of the specified Polyguard Zero Perm Jacket?

A vapor barrier jacket is not required for all refrigerant pipe insulation.

Contractors Name: _____

By: _____ Date: _____

REQUEST FOR INFORMATION	RFI #: F&C RFI- 02 ⁰⁷
	Date: 4-3-2025

**Bradford CSD
2023 CAPITAL IMPROVEMENT PROJECT**

Contractor Name: Frey & Campbell, Inc.

To: Levi Feely, Sarah Katz, McGuire Insley Firm: CPL
From: Tina Learn

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: 230713 HVAC duct insulation

Location: Main Building

Information is Requested By: _____

MESSAGE: _____

Are all exposed duct in finished areas to be lined?

The only ductwork to be lined is what is required per specification section 230713. The only ductwork required to be lined is the first 10' of supply duct from the unit or where otherwise indicated on the drawings. Exposed ductwork in conditioned spaces does not need to be insulated.

Contractors Name: _____

By: _____ Date: _____

REQUEST FOR INFORMATION	RFI #: F&C RFI-02 02 08
	Date: 4-3-2025

**Bradford CSD
2023 CAPITAL IMPROVEMENT PROJECT**

Contractor Name: Frey & Campbell, Inc.

To: Levi Feely, Sarah Katz, McGuire Insley Firm: CPL
From: Tina Learn

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: 220719 Plumbing pipe insulation

Location: Main Building

Information is Requested By: _____

MESSAGE: _____

Please provide plumbing pipe schedule

Hot water piping 1 1/2" fiberglass or 1" flexible elastomeric
Cold water piping 1" fiberglass or 1" flexible elastomeric
Storm drain piping 1" fiberglass or 1" flexible elastomeric

DSW 4-3-2025

Contractors Name: _____

By: _____ Date: _____

CPL

2626 West State St.
Suite 213
Olean, NY 14760
cplteam.com
716-372-0514 TEL



ROOF PLAN GENERAL NOTES

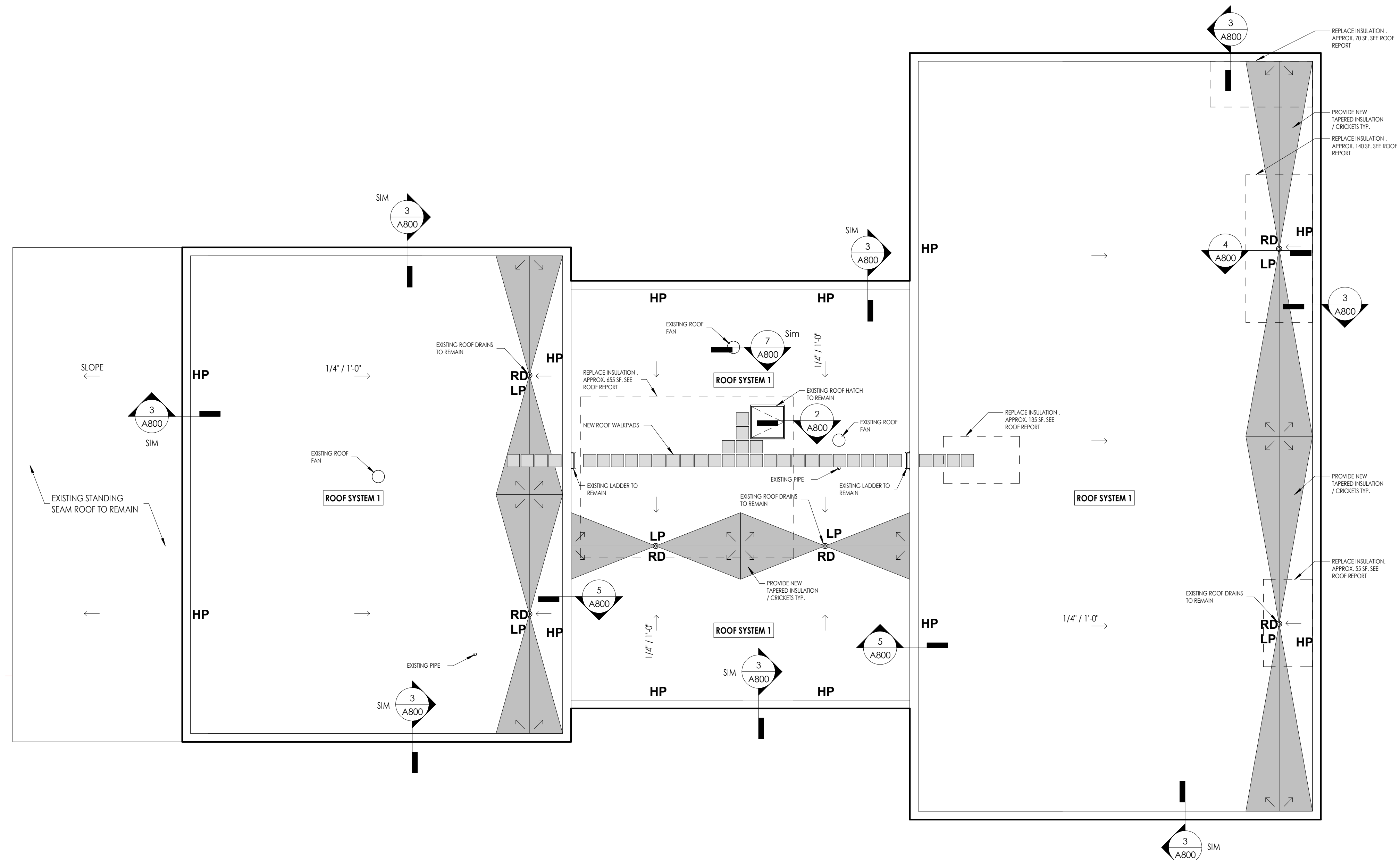
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF MATERIALS. FIELD VERIFY ALL CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
- REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE FRAMING AS REQUIRED.
- PAINT ALL ROOF FASTENERS EXPOSED TO VIEW AT UNDERSIDE OF DECK TO MATCH.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE BROOM CLEAN AT THE END OF EACH DAY.
- ALL WOOD BLOCKING USED SHALL BE PRESERVATIVE-TREATED.
- INSTALL ALL ROOF DRAINS AND CUT HOLES IN DECK FOR ANY DRAINS AND STRUCTURAL SUPPORTS.
- THE ROOF ELEVATIONS SHOWN ON THE PLAN ARE SHOWN TO ESTABLISH RELATIVE HEIGHTS OF THE INDIVIDUAL ROOFS.
- NO WEEP HOLES SHALL BE COVERED OR PLUGGED AS A RESULT OF THE ROOFING WORK, UNLESS OTHERWISE DIRECTED.
- MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH DAY.
- PROVIDE CRICKETS FOR WATER DIVERSION AT ALL CURBS, RAILS, ETC., WHICH RUN PERPENDICULAR TO THE SLOPE OF THE INSULATION/SLOPED STRUCTURE.
- ALL ROOF TOP UNITS SHALL BE MOUNTED ON 1/8" MIN. INSULATED METAL CURBS. PROVIDE TAPERED INSULATION CRICKETS AS REQUIRED TO DRY WATER. WOOD BLOCKING SHALL BE PROVIDED SO CURBS ARE 8" ABOVE FINISHED ROOF SURFACE.
- PROVIDE WOOD BLOCKING AS REQUIRED TO MEET THE HIGH POINT (HP) OF THE INSULATION AT ROOF EDGES. THE ROOF EDGE HEIGHT SHALL NOT VARY UNLESS OTHERWISE NOTED. ALL WOOD BLOCKING USED SHALL BE PRESERVATIVE-TREATED.
- ALL SADDLES AND CRICKETS ARE TO HAVE A MIN. 1/2" PER FOOT SLOPE AS INDICATED. PROVIDE CRICKETS FOR DIVERSION OF WATER AT ALL CURBS, RAILS, ETC., WHICH RUN PERPENDICULAR TO SLOPE OF INSULATION.
- AT ALL MECHANICAL EQUIPMENT, PROVIDE SLOPED INSULATION AS REQUIRED TO DRAIN ROOF WATER AWAY FROM HIGH SIDE OF CURBS.
- ALL ROOFS TO HAVE THE FOLLOWING:
 AT EXISTING ROOF DECK TO REMAIN, THE RIGID INSULATION SHALL BE TAPERED INSULATION TO 1/4" PER FOOT MINIMUM TO SLOPE.
 AT SLOPING ROOF STRUCTURE, THE RIGID INSULATION SHALL BE UNIFORM.
- REFER TO MULTIPLE CONTRACT SUMMARY FOR DELINEATION OF CONTRACTOR SCOPE AND RESPONSIBILITY FOR ROOF WORK.
- THE INSTALLED ROOFING SYSTEM SHALL MEET ALL REQUIREMENTS FOR CLASSIFICATION AS "A" IN CLASS "A" ROOF ASSEMBLY.
- EVALUATE CONDITION OF EXISTING VAPOR BARRIER, IF REQUIRED PROVIDE AND APPLY ADHESIVE VAPOR BARRIER TO ALL ROOF SURFACES AT THE BEGINNING OF CONSTRUCTION. ADHESIVE VAPOR BARRIER SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION.
- EXISTING WARRANTIES ARE TO BE MAINTAINED.
- NEW ROOF WARRANTY REQUIRED FOR ALL NEW ROOF DETAILS & INFILLS AT EXISTING ROOF AREAS.

ROOF PLAN LEGEND

- ROOF DRAIN W/ SECONDARY
- SLOPED INSULATION LOW POINT
- SLOPED INSULATION HIGH POINT
- SLOPED INSULATION ROOF CRICKET. PROVIDE 1/2" / 1'-0" POSITIVE DRAINAGE
- VENT THRU ROOF, PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- DUCT SUPPORT, PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- MECH. CURB (W/ CRICKET), PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- ROOF HATCH (SINGLE LEAF)
-

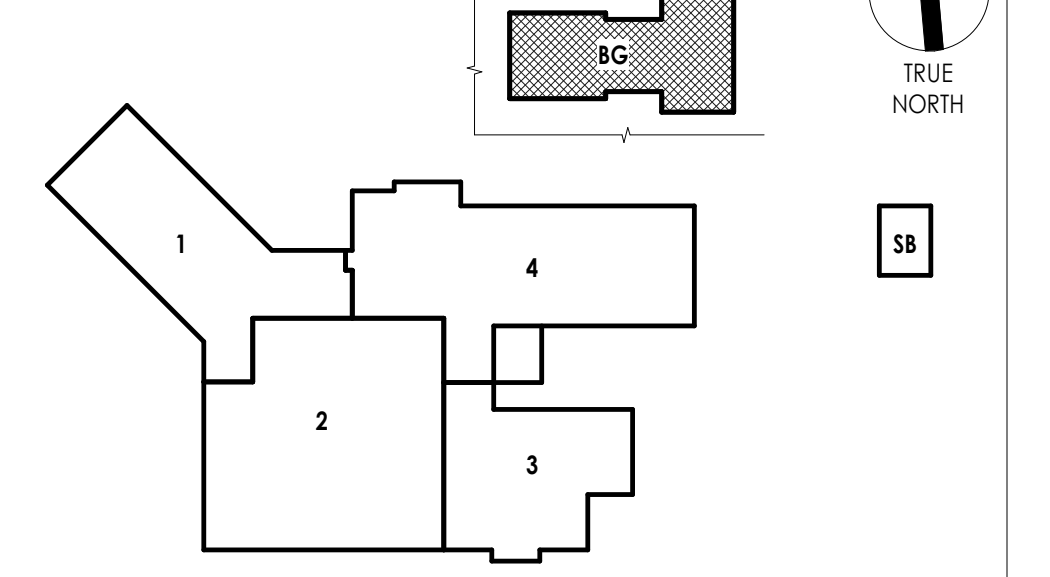
ROOF COMPOSITION NOTES

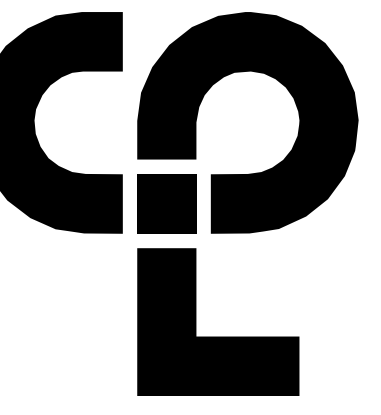
- ROOF COMPOSITION SCHEDULE**
- ROOF SYSTEM 1**
- NEW 2x4 RECOVER ROOF SYSTEM
 - 1/2" EFL CAP SHEET
 - WOODING GAGE SHEET
 - INSULATION TO BE REPLACED ONLY WHERE INDICATED. MATCH EXISTING THICKNESS WHERE INDICATED ON PLAN
 - INSULATION WILL BE EXISTING TO REMAIN OTHERWISE
 - VAPOR BARRIER, SUBSTRATE AND DECK TO REMAIN UNLESS OTHERWISE NOTED



1 NEW WORK ROOF PLAN
 1/8" = 1'-0"

KEY PLAN:





KEY NOTES

- ① TRENCH DRAINS TO BE REMOVED AS PART OF THE GC SLAB REMOVAL. PC TO COORDINATE SANITARY PIPING DURING DEMO AND FOR NEW CONNECTIONS.

PROJECT INFORMATION

Project Number
R22.15663.01
Client Name
BRADFORD CSD

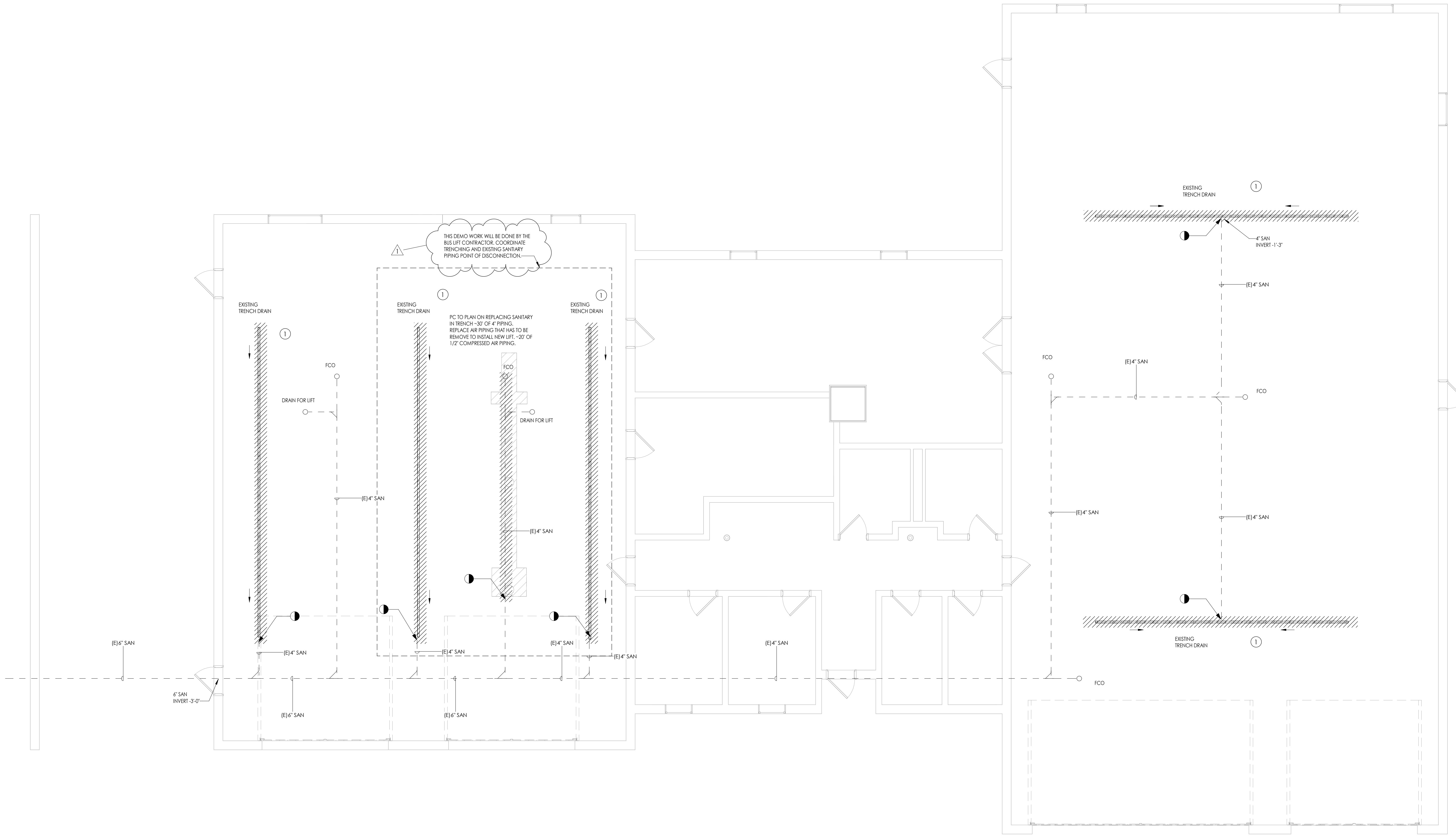
Project Name
2023 CAPITAL IMPROVEMENT PROJECT

District Office Address
2820 NY 226, BRADFORD, NY 14815

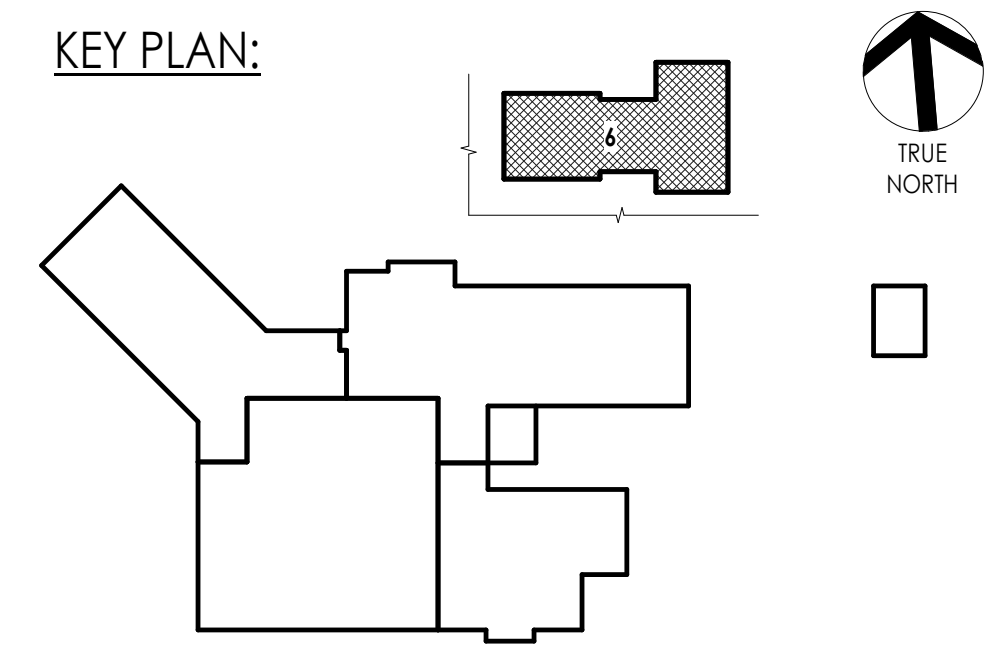
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- ② BUS GARAGE/STAND FACILITY BED No. 17-04-01-04-2-004-004
- ③ STORAGE BUILDING BED No. 17-04-01-04-2-003-001

PROJECT ISSUE & REVISION SCHEDULE

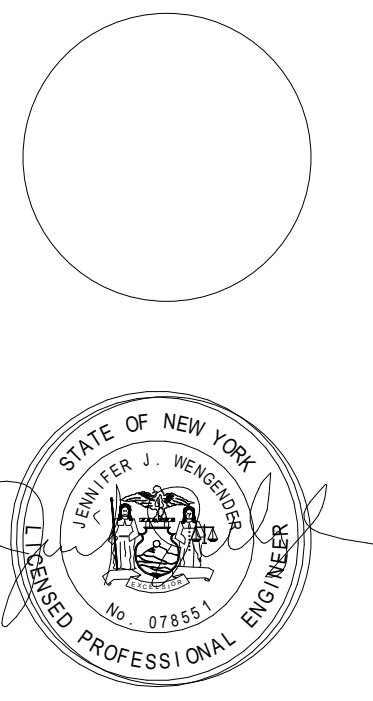
1 4-4-2025 BID ADDENDUM #4



KEY PLAN:



PROFESSIONAL STAMPS



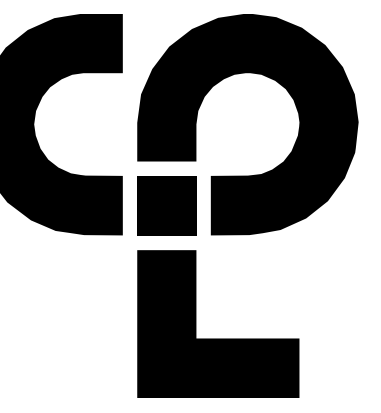
NEW YORK EDUCATION LAW ENFORCEMENT
 I, J. J. W., a duly licensed Professional Engineer in the State of New York, do hereby certify that I am the author of the design and construction documents herein, and that I am duly licensed to practice my profession in the State of New York.

SHEET INFORMATION

Issued 03/05/2025 Scale As indicated
 Project Status BIDDING DOCUMENTS
 Drawn By DSW Checked By JJW
 Drawing Title BUS GARAGE DEMOLITION PLUMBING WORK PLAN

Drawing Number
BG P101

1 BUS GARAGE DEMOLITION PLUMBING WORK PLAN
 P101 3/16" = 1'-0"



PROJECT INFORMATION

Project Number
R22.15663.01
Client Name
BRADFORD CSD

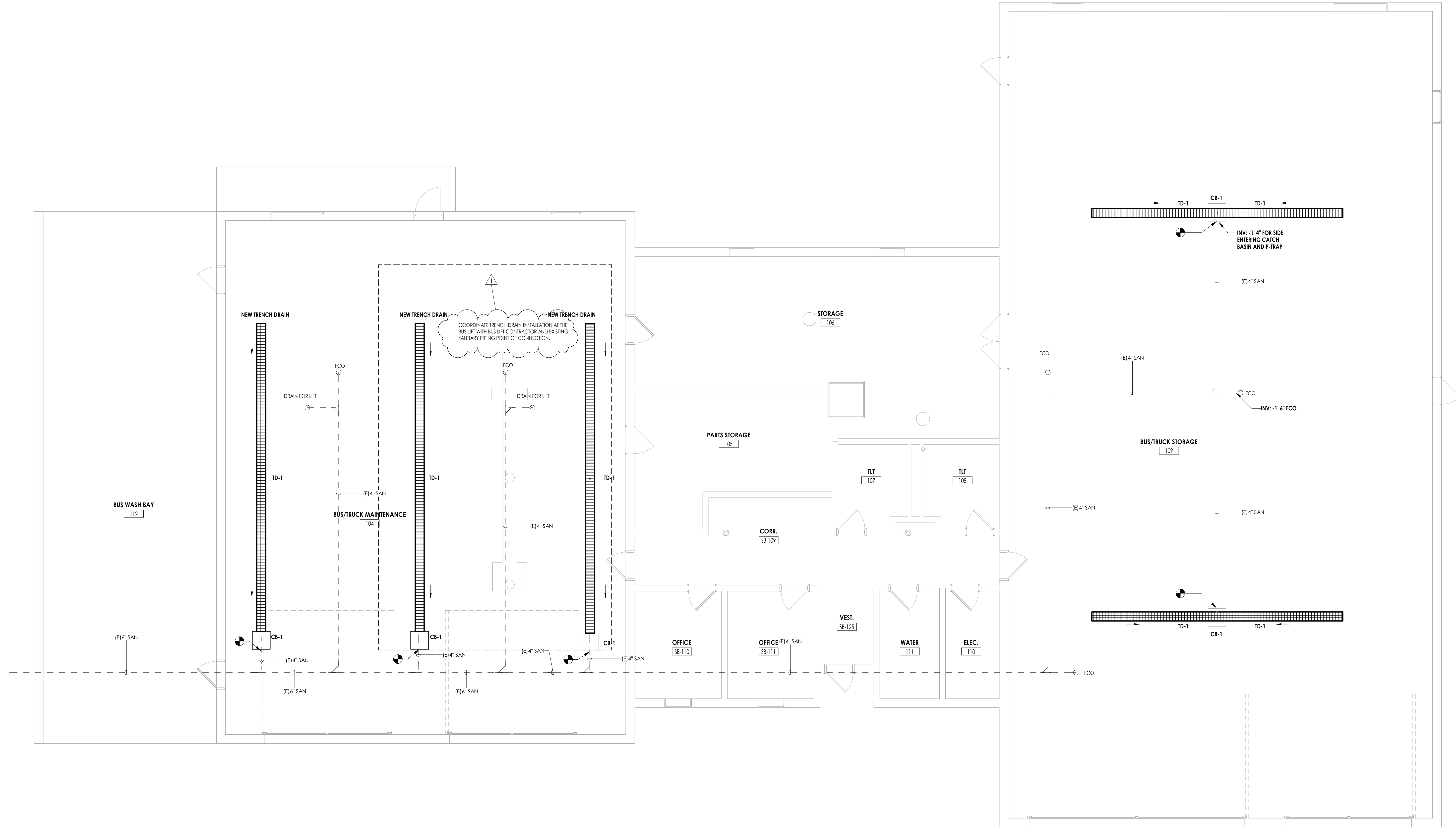
Project Name
2023 CAPITAL IMPROVEMENT PROJECT

District Office Address
2820 NY 226, BRADFORD, NY 14815

1' = 12' BLDG No.: 370401-040-001-003
 ■ BUS GARAGE/MAINT. FACILITY SED No.: 370401-04-004-006
 □ STORAGE BUILDING SED No.: 370401-04-005-001

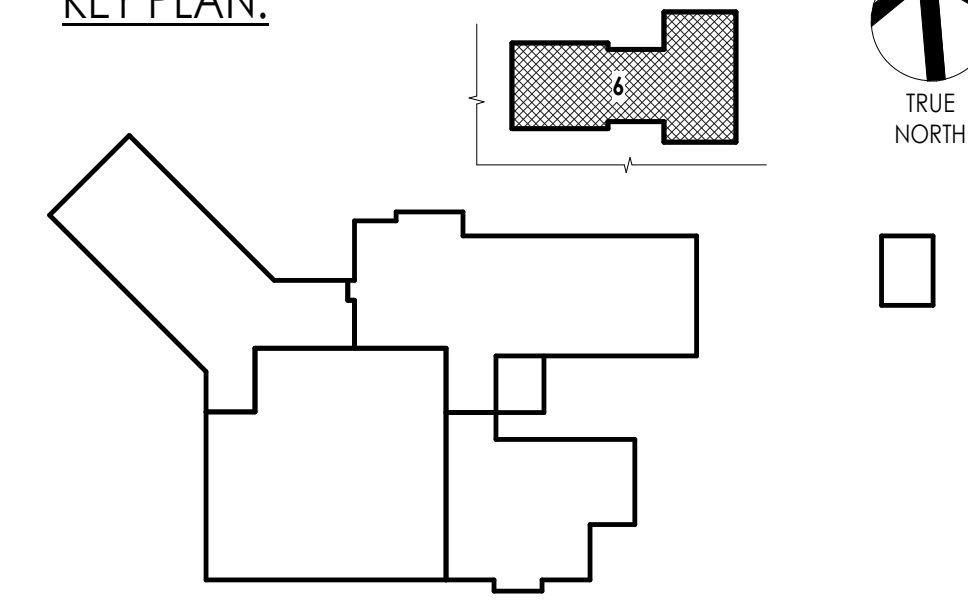
PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	4-4-2025	BID ADDENDUM #4

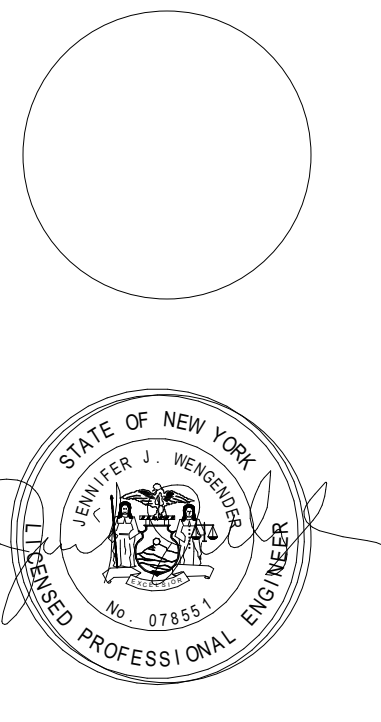


1 BUS GARAGE NEW PLUMBING WORK PLAN
P201 3/16" = 1'-0"

KEY PLAN:



PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION LAW AND THE COMPASS RULE
 IT IS A CONDITION OF ANY PROFESSIONAL REGISTRATION LAW AND THE COMPASS RULE THAT ANY PROFESSIONAL REGISTERED IN ANY STATE SHALL BE SUBJECT TO THE JURISDICTION OF THE BOARD OF REGISTRATION IN ANY STATE IN WHICH HE OR SHE IS REGISTERED. ANY PROFESSIONAL REGISTERED IN ANY STATE SHALL BE SUBJECT TO THE JURISDICTION OF THE BOARD OF REGISTRATION IN ANY STATE IN WHICH HE OR SHE IS REGISTERED. ANY PROFESSIONAL REGISTERED IN ANY STATE SHALL BE SUBJECT TO THE JURISDICTION OF THE BOARD OF REGISTRATION IN ANY STATE IN WHICH HE OR SHE IS REGISTERED.

SHEET INFORMATION
 Issue Date: 03/05/2025
 Scale: 3/16" = 1'-0"
 Project Status: BIDDING DOCUMENTS
 Drawn By: DSW
 Checked By: JJW
 Drawing Title: BUS GARAGE PLUMBING NEW WORK PLAN
 Drawing Number: BG P201

PROJECT INFORMATION

Project Number
 R22-15663.01
 Client Name
BRADFORD CSD

2023 CAPITAL IMPROVEMENT PROJECT

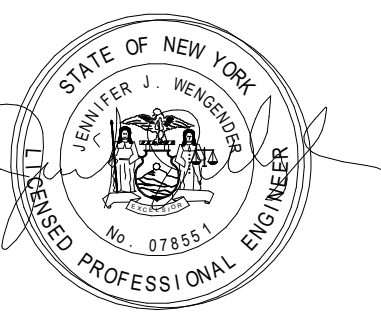
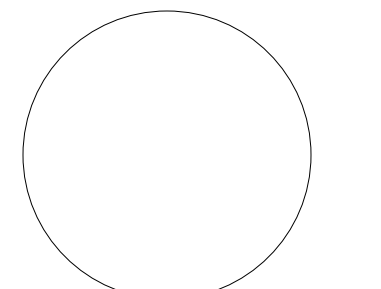
District Office Address
 2820 NY 226, BRADFORD, NY 14815

11-12-850 No. 17-0401-043-001-013
 11-12-850 GARAGE/MANTR. FACILITY SED No. 17-0401-04-5-004-004
 11-12-850 STORAGE BUILDING SED No. 17-0401-04-3-003-001

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	4-4-2025	BID ADDENDUM #4

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION SERVICES
 I am a duly licensed Professional Engineer in the State of New York, and I hereby certify that I am the author of the design and construction documents herein, and that I am a member in good standing of the State of New York Professional Engineering Board.

SHEET INFORMATION

Name: Scale: As indicated
 Date: 03/05/2025
 Project Status: BIDDING DOCUMENTS
 Drawn By: DSW
 Checked By: JJW
 Drawing Title: PLUMBING NOTES, SCHEDULES AND DETAILS

Drawing Number
**G
 P800**

GENERAL NOTES	FIXTURES & FITTINGS LEGEND
<p>A. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODES.</p> <p>B. DOMESTIC WATER LINES SHALL BE TYPE L COPPER, LEAD FREE JOINTS, INSULATE ALL PIPING WITH 1" THICK PREFORMED FIBERGLASS PIPE INSULATION WITH ASJ COVER. ALL FITTINGS AND VALVES TO BE COVERED WITH PREFORMED PVC FITTING COVERS. ALL EXPOSED VERTICAL FIXTURE SUPPLY LINES TO BE COVERED WITH PVC JACKET TO 7' ABOVE FINISHED FLOOR.</p> <p>C. UNDERGROUND SANITARY AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON, HUB AND SPIGOT WITH RUBBER GASKET PUSH JOINTS. ABOVE GROUND SANITARY AND VENT PIPING SHALL BE DWV COPPER WITH DWV COPPER FITTINGS OR NO-HUB CAST IRON.</p> <p>D. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.</p> <p>E. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE, OR RE-INSTALLATION SHALL BE REPLACED WITH A NEW AT NO EXPENSE TO THE OWNER.</p> <p>F. ALL PIPING AND CONDUIT PENETRATIONS THRU RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING.</p> <p>G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE PENETRATIONS AND TRENCHING THRU FLOOR AND WALLS AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS AND TRENCHING SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.</p> <p>H. UNLESS OTHERWISE INDICATED ON PLANS, PROVIDE WATER HAMMER ARRESTORS ON BRANCHED PIPING TO EACH TOILET ROOM, LAUNDRY ROOM SOLENOID VALVE, OR AS OTHERWISE REQUIRED BY CODE.</p>	<p>ELBOW - TURNED UP</p> <p>ELBOW - TURNED DOWN</p> <p>PIPE CAP</p> <p>UNION</p> <p>BALL VALVE</p> <p>BALANCING VALVE</p> <p>CHECK VALVE</p> <p>BUTTERFLY VALVE</p> <p>CONTROL VALVE, PNEUMATIC 2-WAY</p> <p>GATE VALVE</p> <p>PLUG VALVE</p> <p>PRESSURE REDUCING VALVE</p> <p>SOLENOID OPERATED VALVE</p> <p>GAS PRESSURE REGULATOR</p> <p>CLEAN OUT</p> <p>FLOOR CLEAN OUT</p> <p>WALL CLEAN OUT</p> <p>HOSE BIBB</p> <p>NON FREEZE HOSE BIBB</p> <p>YARD HYDRANT</p> <p>FLOOR DRAIN</p> <p>FUNNEL FLOOR DRAIN</p> <p>FLOOR SINK</p> <p>ROOF DRAIN</p> <p>FLOW SWITCH</p> <p>TAMPER SWITCH</p> <p>AQUASTAT PRESSURE</p> <p>THERMOMETER</p> <p>INLINE PUMP</p> <p>WATER HAMMER ARRESTER</p> <p>REDUCED PRESSURE ZONE BACK FLOW PREVENTER</p> <p>DOUBLE CHECK VALVE ASSEMBLY</p> <p>SHOWER HEAD</p> <p>SPRINKLER HEAD</p> <p>POINT OF CONNECTION</p> <p>POINT OF REMOVAL</p>
	<p>PIPING LEGEND</p> <p>XX PIPING</p> <p>XX PIPING BELOW GRADE</p> <p>X EXISTING PIPING</p> <p>CW COLD WATER</p> <p>HW HOT WATER</p> <p>HWR HOT WATER RECIRCULATING</p> <p>SAN SANITARY SEWER</p> <p>IW INDIRECT WASTE</p> <p>ST STORM SEWER</p> <p>V VENT</p> <p>PLUMBING TO BE REMOVED</p>

PLUMBING EQUIPMENT & FIXTURE SCHEDULE							
MARK	FIXTURE	CW	HW	SAN	V	DESCRIPTION	MODEL NUMBER
WC-1	WATER CLOSET, ACCESSIBLE	1"	-	3"	1 1/2"	WALL MOUNTED, VITREOUS CHINA WHITE, ELONGATED BOWL, ADA RIM HEIGHT, GALLONS PER FLUSH RANGE 1.1 TO 1.6 GPF EXPOSED, SENSOR ACTIVATED FLUSHOMETER 1.28 GPF	AMERICAN STANDARD / 2294.011 EC FV-1; SLOAN ROYAL / 115 1.28 GPF ES-S
WC-2	WATER CLOSET, ACCESSIBLE	1"	-	3"	1 1/2"	FLOOR MOUNTED, VITREOUS CHINA WHITE, ELONGATED BOWL, ADA RIM HEIGHT, GALLONS PER FLUSH RANGE 1.1 TO 1.6 GPF EXPOSED, SENSOR ACTIVATED FLUSHOMETER 1.28 GPF	AMERICAN STANDARD / 2857.128.02 FV-1; SLOAN ROYAL / 115 1.28 GPF ES-S
LAV-1	LAVATORY, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	WALL HUNG, VITREOUS CHINA WHITE, 4" CENTERS FAUCET HOLES & LEDGE D-SHAPED OD, 20 1/2" x 18 1/4" x 6 1/2" DEEP, MOUNTED AT ADA HEIGHT CONCEALED ARM SUPPORT, SENSOR ACTIVATED FAUCET 0.5 GPM, SUPPLIED INSULATED WITH TRUEBRO BRAND HAND-LAV GUARD	AMERICAN STANDARD / 0355.012 LF-1; SLOAN / ETF-600 ES-S
LAV-2	LAVATORY, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	WALL HUNG, PORCELAIN WHITE, 4" CENTERS FAUCET HOLES & LEDGE RECTANGULAR 13 1/8" x 12 7/8" x 5 1/4" DEEP WITH 5/8" WALLS, WALL BRACKET SUPPORT, SENSOR ACTIVATED FAUCET 0.5 GPM, SUPPLIED INSULATED WITH TRUEBRO BRAND HAND-LAV GUARD	13" KIASY OR EQUAL (SMALLEST WALL LAV, LF-1; SLOAN / ETF-600 ES-S
SK-1	DOUBLE BOWL SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	UNDER COUNTER MOUNT, DOUBLE BOWL, 18 GA. 304 STAINLESS STEEL, REAR CENTER DRAIN, OD 31 3/4"x18 1/2", ID 13"x16", 5 3/8" DP, REMOVABLE BASKET STRAINER, DECK MOUNTED, 8" GOOSENECK SPOUT WITH ATMOSPHERIC VACUUM BREAKER WITH 4" WRISTBLADE HANDLES	ELKAY / ELUHAD3118555 ELKAY / LKJ35 SF-2; CHICAGO FAUCET / 786-GN8BVBE7CP
SK-2	SINGLE BOWL SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	UNDER COUNTER MOUNT, SINGLE BOWL, 18 GA. 304 STAINLESS STEEL, REAR CENTER DRAIN, OD 23"x18 1/4", ID 21"x15 3/4", 5 3/8" DP, REMOVABLE BASKET STRAINER, DECK MOUNTED, 8" GOOSENECK SPOUT WITH ATMOSPHERIC VACUUM BREAKER WITH 4" WRISTBLADE HANDLES	ELKAY / ELUHAD211555 ELKAY / LKJ35 SF-2; CHICAGO FAUCET / 786-GN8BVBE7CP
SI-1	SEDIMENT INTERCEPTOR	-	-	2"	1 1/2"	EPOXY COATED CAST IRON BOTTOM ACCESS WITH GASKET COVER PERFORATED STAINLESS STEEL BASKET, IPS THREADED CONNECTIONS	WATTS / SI-762
EWC-1	ELECTRIC WATER COOLER BI-LEVEL, ACCESSIBLE	1/2"	-	1 1/2"	1 1/2"	BI-LEVEL ELECTRIC WATER COOLER, MOUNTED AT ACCESSIBLE HEIGHT, FRONT PUSH PADS, BOTTLE FILLER	ELKAY - EZSTLBWSLK
RD-1	ROOF DRAIN	-	-	4"	-	DURA-COATED CAST IRON, 15" DIA. DOME, ADJUSTABLE COLLAR, FLASHING CLAMP, GRAVEL GUARD, DECK PLATE	ZURN / Z1004NH-DP
RD-2	OVER FLOW DRAIN	-	-	4"	-	DURA-COATED CAST IRON, 15" DIA. DOME, ADJUSTABLE COLLAR, FLASHING CLAMP, GRAVEL GUARD, DECK PLATE, 2" WATER DAM	ZURN / Z1004NH-DP-W4
RD-3	PARAPET DRAIN	-	-	3"	-	DURA-COATED CAST IRON, REMOVABLE SLOPING GRATE, SHALLOW SUMP, FLASHING CLAMP, SIDE OUTLET	JOSAM / 24700
DSN	DOWN SPOUT NOZZLE	-	-	4"	-	CAST BRONZE DOWNSPOUT NOZZLE WITH BIRD SCREEN	ZURN / Z199-DC
SP-1	UNDER COUNTER SUMP PUMP	-	-	1 1/2"	1 1/2"	UNDER COUNTER SUMP PUMP WITH BASIN ASSEMBLY, PLUG-IN	LIBERTY PUMP 404
TD-1	TRENCH DRAIN	-	-	4"	*	80 LONG x 23" WIDE WITH 18" WIDE THROAT, HDPE 0% WATER ABSORBENT WITH DUCTILE IRON GRATE, 4" NO-HUB CONNECTIONS AND END PLATES GRATING TO BE H-20 LOADING (CLASS C)	ZURN / Z874-18
CB-1	CATCH BASIN	-	-	4"	-	23 1/4 WIDE REVEAL x 24 LONG, HDPE 0% WATER ABSORBENT WITH CONCRETE SURROUND WITH SLOTTED DUCTILE IRON TRAFFIC RATED GRATE.	ZURN / Z887-24
HA-1	HAMMER ARRESTOR	AS NEEDED	-	-	-	LEAD FREE, WATER LINE SHOCK ABSORBER	WATTS / LF15M2
AAV-1	AIR ADMITTANCE VALVE	-	-	1 1/2"	-	ONE WAY VALVE DESIGNED TO ALLOW AIR TO ENTER THE DRAINAGE SYSTEM SCH. 40 PVC WITH 2" NPT THREADS, RATED FOE 20 DRF	OAKLEY / 39016
IMB-1	ICE MAKER BOX	1/2"	-	-	-	QUARTER TURN VALVE WITH HAMMER ARRESTOR IN WALL BOX WITH 1/2" INLET AND 1/4" OUTLET.	OAKLEY / 39155

GENERAL PLUMBING EQUIPMENT & FIXTURE COMMENT

A. PLUMBING CONTRACTOR SHALL PROVIDE ALL RISERS, CARRIERS, P-TRAPS, STOPS, STRAINERS, TAIL PIECES, DRAINS, ETC., REQUIRED TO HAVE A COMPLETE INSTALLATION.



FLOOR PLAN GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FINISHED FACE OF WALL TO FINISHED FACE OF WALL UNLESS OTHERWISE NOTED.
- SEE **AREA** FOR INTERIOR AND EXTERIOR DOORS, WINDOWS, CURTAIN WALLS, AND STOREFRONTS.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
- COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
- EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR COORDINATION OF M.E.P. INFRASTRUCTURE TO OPERATE ITEMS INCLUDED UNDER THE SCOPE.
- REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATION.
- ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
- PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
- ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
- IF PORTION OF DEMOLITION OF WALL IS CALLED, CONTRACTOR SHALL REPLACE WALL AND MATCH EXISTING CONSTRUCTION AND FINISH TO MATCH ADJACENT WALLS PROVIDED KEYNOTED OR NOT.
- NEW WALLS THAT MEET EXISTING WALLS SHOULD BE PATCHED AND FINISHED TO PROVIDE FLUSH, SMOOTH, CONTINUOUS SURFACES AND PREPARED TO RECEIVE SCHEDULED FINISHES.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION.

FLOOR PLAN KEY NOTES

- NOT USED.
- INSTALLATION OF NEW OVERHEAD DOORS. COORDINATE WITH MECH. AND ELEC. DWGS.
- ALIGN PARTITION/FURRING TO EXISTING WALL/PARTITION. FINISHES OF BOTH SURFACES TO BE FLUSH. PREP SURFACES TO RECEIVE SCHEDULED FINISHES.
- CONCRETE SIDEWALK. REFER TO CIVIL DRAWINGS.
- NOT USED.
- COORDINATE WITH PLUMBING CONTRACTOR ON INSTALL OF TRENCH DRAIN WITHIN SLAB AND STRUCTURAL DRAWINGS FOR CONCRETE SLAB REPLACEMENT DETAILS.
- CONCRETE FLOOR TO BE PREPARED FOR FINISH SYSTEM BY SHOT BLASTING OR GRINDING.
- BASE BID: PROVIDE CONCRETE SEALING SYSTEM (SCON-1) PER INTERIOR FINISH SCHEDULE. FILL JOINTS AT TRENCH REPLACEMENTS WITH POLYUREA BEFORE COATING. ALTERNATE #1: PROVIDE HIGH PERFORMANCE COATING (HPC-1) IN LIEU OF (SCON-1). ALL PREP WORK TO REMAIN IN BOTH SCOPE OPTIONS.
- PROVIDE RUBBER TRANSITION: CONTRACTOR TO DETERMINE NEW FINISHED FLOOR TO EXISTING FLOOR HEIGHT. COORDINATE APPROPRIATE TRANSITION WITH ARCHITECT.

FLOOR PLAN LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

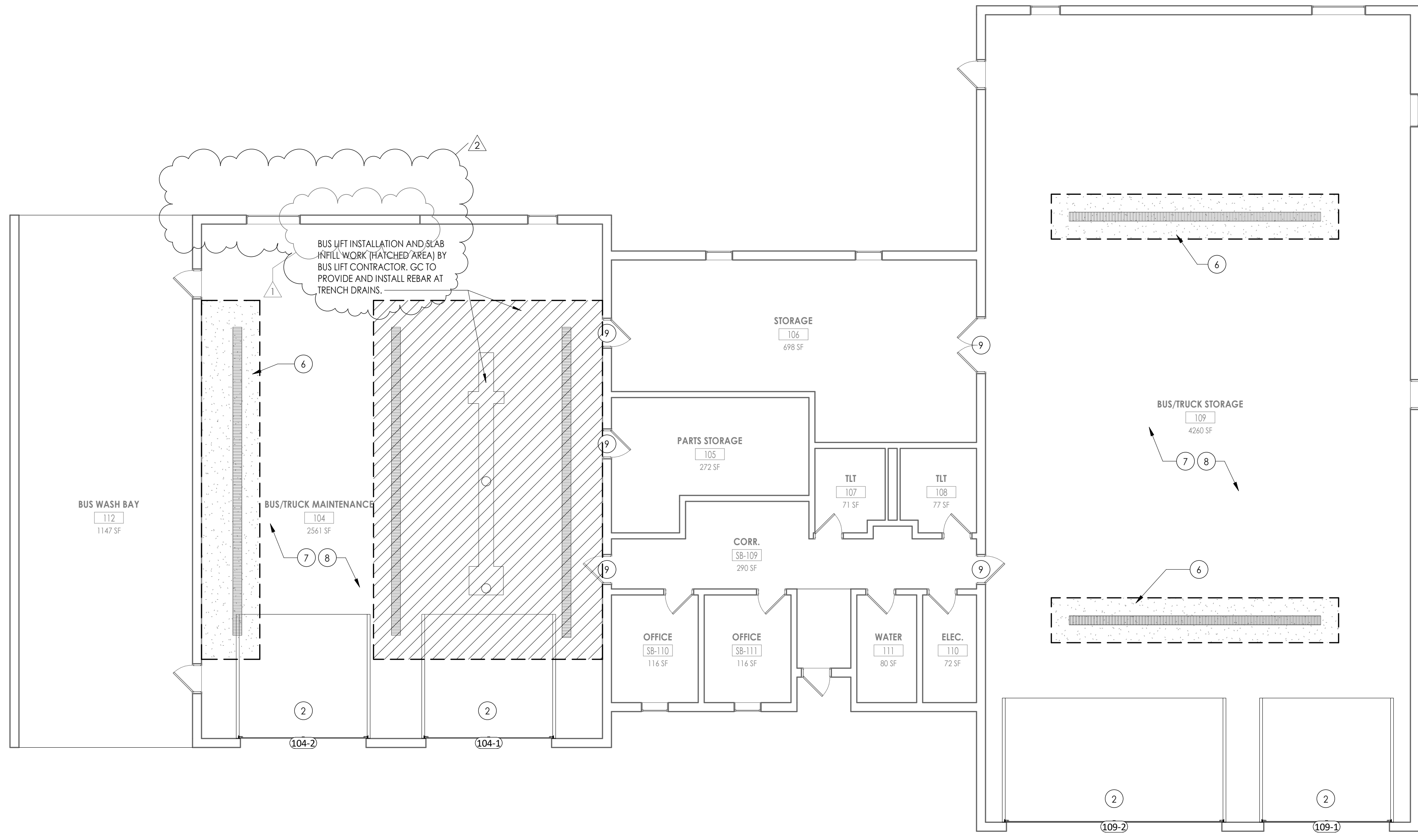
	DOOR	DOOR TARGET, SEE SCHEDULE - A900 SERIES
	WINDOW	WINDOW TARGET, SEE SCHEDULE - A900 SERIES
	COLUMN LINE	COLUMN LINE IDENTIFICATION
	ROOM NAME	ROOM TAG
	ROOM TAG	ROOM TAG
	XXXX	DENOTES CHANGE IN FLOOR MATERIAL
	WH	WATER HEATER/ AIR HANDLER, SEE MECHANICAL DRAWINGS
	A3.1	SECTION MARK
	A701	INTERIOR ELEVATION MARK
	A301	EXTERIOR ELEVATION MARK
	A4.1	DETAIL FOR REFERENCE MARK
		BLOCKING IN WALLS FOR GRAB BAR INSTALLATION
		DENOTES FINISH FLOOR GRADE ELEVATION
	XXX	WALL TYPE SEE A/400
	NFEC	NEW FIRE EXTINGUISHER CABINET
	NFEB	NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET
	A70	ACCESSORY TAG, REFER TO A700

DEMOLITION GENERAL NOTES

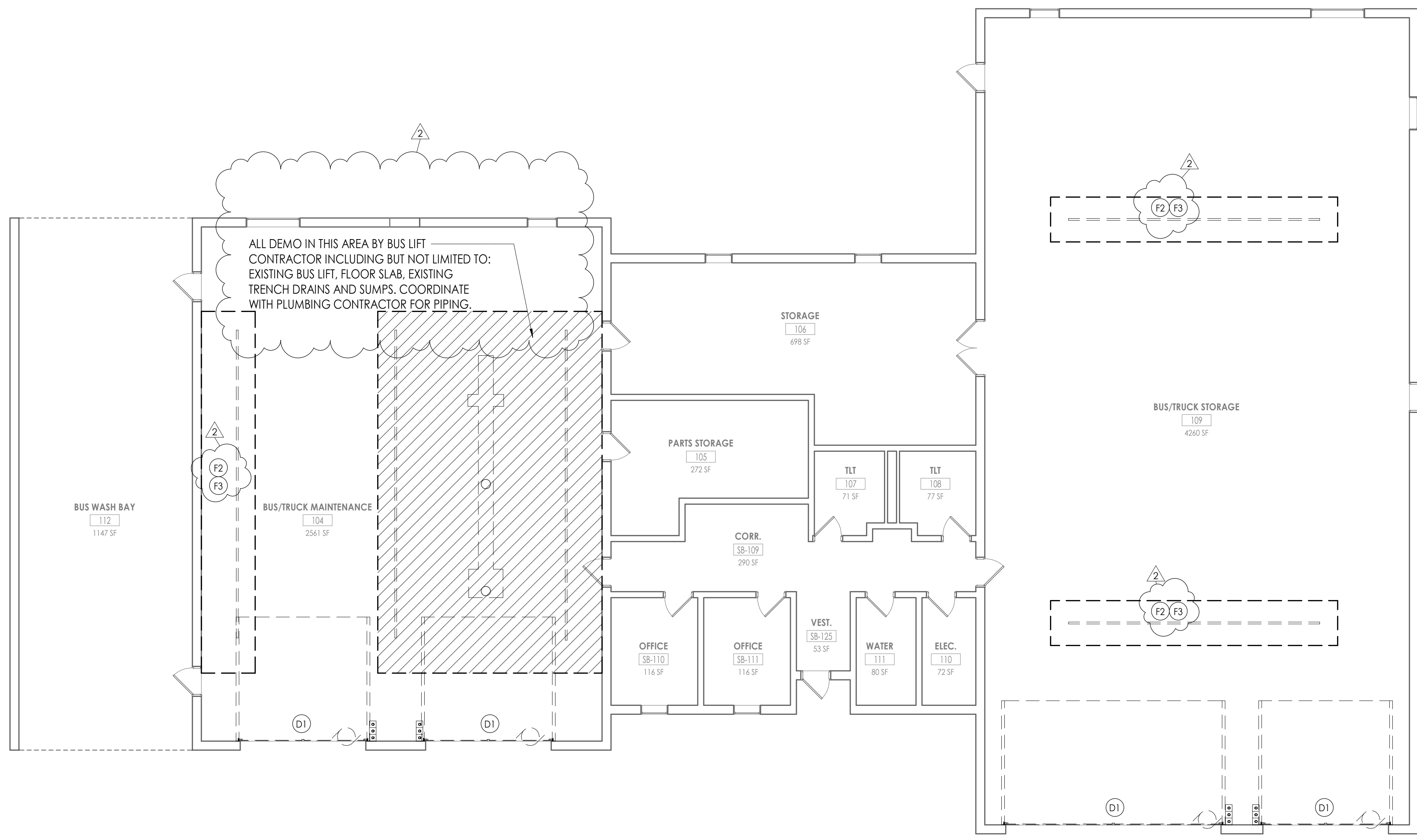
- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF MATERIALS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO COMMENCEMENT OF ALL DEMOLITION WORK.
- REFER TO THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION OF EXISTING UTILITIES AND SERVICES.
- ALL ITEMS TO BE SALVAGED WITHIN THE DEMOLITION AREA WILL BE REMOVED BY THE OWNER PRIOR TO ONSET OF DEMOLITION WORK, U.N.C.O.
- BUILDINGS THAT ARE OCCUPIED DURING CONSTRUCTION TO FOLLOW ICRA, INCLUDING BUT NOT LIMITED TO: MAINTAIN NEGATIVE AIR PRESSURE THROUGHOUT CONSTRUCTION AREA TO CONTAIN CONSTRUCTION DUST. PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF DEMOLITION AND CONSTRUCTION. BUILD AND PAINT TEMPORARY PARTITIONS THAT ARE ABLE TO BE WIPE DOWN AND CLEANED. MAINTAIN EMERGENCY EGRESS OF OCCUPIED AREAS AT ALL TIMES. DUST CONTROL AND EGRESS PARTITIONS ARE TO BE CONSTRUCTED AND/OR RELOCATED PER EACH PHASE OF CONSTRUCTION AS THE PROJECT PROGRESSES AND AS COORDINATED WITH OWNER OCCUPANCY.
- REMAINING SUBSTRATES SHALL BE LEFT IN A CONDITION ACCEPTABLE TO RECEIVE NEW WORK. WHERE NEW FINISHES ARE SCHEDULED AT EXISTING CONDITIONS, REMOVE EXISTING FINISHES DOWN TO SUBSTRATE AND PREPARE SURFACE FOR NEW FINISH. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION.
- POWER, COMMUNICATION, & FIRE PROTECTION SHUT DOWNS SHALL NOT EFFECT PORTIONS OF BUILDING(S) THAT NEED TO REMAIN IN USE. CONTRACTOR TO REROUTE OR PROVIDE TEMPORARY POWER, COMMUNICATION, & FIRE PROTECTION. COORDINATE SHUT DOWNS WITH OWNER AND GENERAL CONTRACTOR.
- REMOVE AND REPLACE EXISTING CEILING, UNLESS OTHERWISE NOTED ON THE DRAWINGS, FOR PERFORMING DEMOLITION OF ALL WORK INDICATED ON THE CONSTRUCTION DRAWINGS. THE EXISTING CEILING SHALL BE REMOVED AND REPLACED IN A MANNER TO AVOID DAMAGE TO THE WALL SYSTEM.
- NOTIFY ARCHITECT AND OWNER OF EXISTING DUCTWORK, PIPE AND CONDUIT PENETRATIONS EXPOSED AFTER DEMOLITION THAT ARE NOT FIRESTOPPED THROUGH EXISTING FLOORS AND WALLS IDENTIFIED AS FIRE AND/OR SMOKE RATED ON LIFE SAFETY PLANS. EXISTING NON-COMPLIANT PENETRATIONS ARE TO BE FIRESTOPPED.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOM CLEANED AT END OF EACH DAY.
- IN ALL LOCATIONS THAT A DOOR IS ILLUSTRATED TO BE DEMOLISHED, REMOVE AND DISPOSE OF DOOR, FRAME, HARDWARE AND ALL ASSOCIATED ITEMS, UNLESS NOTED OTHERWISE.
- ALL ITEMS SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED.
- SINKS INDICATED WITHIN MILLWORK BEING REMOVED SHALL ALSO BE REMOVED AND DISPOSED OF, ALONGS WITH ALL ASSOCIATED ITEMS. COORDINATE WITH PLUMBING DRAWINGS.
- TYPICAL BUILDING COMPONENTS TO BE LEFT IN PLACE WHICH ARE NOT TO BE DEMOLISHED, UNLESS NOTED OTHERWISE.
 - FIRE PROOFING ON COLUMNS AND BEAMS WHICH IS NOT PART OF A WALL OR CEILING SYSTEM. THIS INCLUDES PLASTER, MASONRY, AND CONCRETE COVERS WHICH MAY BE ENCAPSULATED BY THE WALL OR CEILING ASSEMBLIES.
 - ELECTRIC, PLUMBING AND HVAC UNITS FEEDING AREAS TO REMAIN IN OPERATION. COORDINATE WITH MEP DRAWINGS.
 - ANY STRUCTURES UNCOVERED AS A RESULT OF DEMOLITION WHICH APPEAR TO BE SUPPORTING IN NATURE AND REQUIRING VERIFICATION PRIOR TO DEMOLITION. THIS INCLUDES EQUIPMENT SUPPORTS AND STRUCTURE ADDED AS A RESULT OF PREVIOUS CONSTRUCTION OR ADDITIONS.
- THE OWNER WILL REMOVE ALL MOVABLE OR UNATTACHED ITEMS TO BE SAVED OR STORED PRIOR TO CONSTRUCTION OPERATIONS. ITEMS TO BE SALVAGED INCLUDE BUT ARE NOT LIMITED TO, THOSE ITEMS SHOWN ON THE DRAWINGS.
- OWNER HAS THE RIGHT TO SALVAGE ANY FIXTURES AND/OR MILLWORK WITHIN AN AREA OF DEMOLITION PRIOR TO CONTRACTOR STARTING WORK IN THAT ZONE. COORDINATE TIMING OF SUCH REMOVALS WITH OWNER.
- RECONSTRUCT EXISTING FIREPROOFING DUE TO WALL, CEILING OR EQUIPMENT DEMOLITION. REFER TO **AREA OF WORK** DRAWINGS FOR PROTECTION RATING REQUIREMENTS.
- THE OWNER WILL PROVIDE THE TESTING RESULTS OF ASBESTOS CONTAINING MATERIALS (ACM) IN THE PROJECT AREA. IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED OR QUESTIONED, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.**
- IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED THAT APPEAR TO CONTAIN HAZARDOUS MATERIALS SUCH AS BUT NOT LIMITED TO MOLD, LEAD PAINT OR ASBESTOS, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.
- CONTRACTOR TO SALVAGE AND STORE ALL FIRE EXTINGUISHERS, CABINETS, AND ALL ASSOCIATED HARDWARE.

DEMOLITION KEY NOTES

- DOORS AND WINDOWS:**
- (D1) REMOVE OH SECTIONAL DOOR AND ASSOCIATED TRACK AND HARDWARE IN ITS ENTIRETY. PREP OPENING FOR NEW DOOR WORK.
- FLOORS:**
- (F1) REMOVE EXISTING BUS LIFT IN ITS ENTIRETY. PREP AREA FOR NEW BUS LIFT
 - (F2) REMOVE EXISTING CONCRETE AND TRENCH DRAIN. COORDINATE WITH STRUCTURAL DRAWINGS FOR EXTENTS
 - (F3) COORDINATE WITH PLUMBING CONTRACTOR DURING TRENCH DRAIN REMOVAL
- WALL:**
- (W1) REMOVE PORTION OF EXTERIOR MASONRY WALL TO ACCOMMODATE NEW OPENING INSTALLATION. REFER TO STRUCT. GENERAL DWG FOR LIMITS, INFO.
- MISC. ITEMS:**
- (M1) REMOVE TRENCH DRAIN AND ALL ASSOCIATED ITEMS FOR REPLACEMENT.

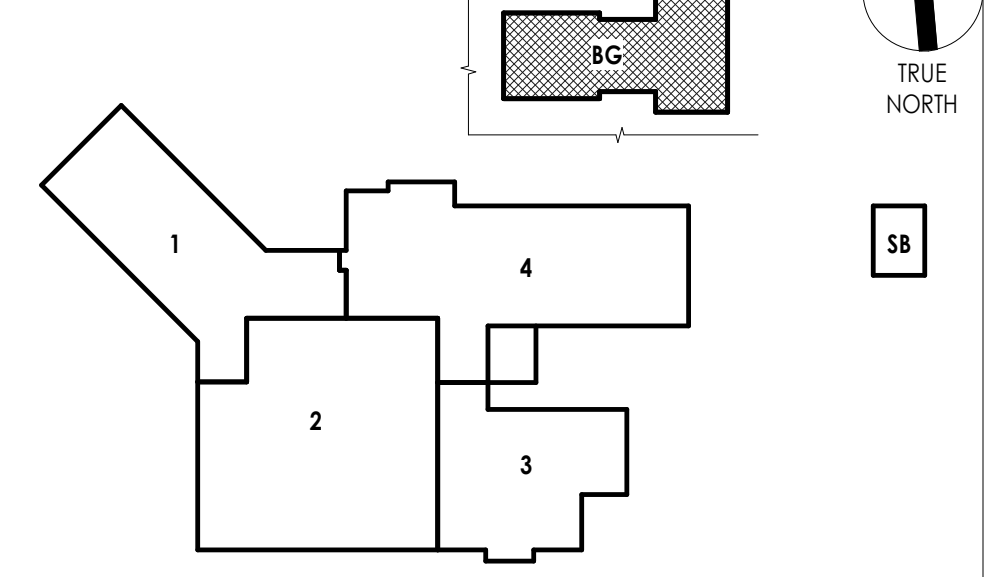


2 NEW WORK PLAN
 A201 1/8" = 1'-0"



1 DEMOLITION PLAN
 A201 1/8" = 1'-0"

KEY PLAN:





CPL | Architecture Engineering Planning
REX: file open error

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NY ENGINEERING REG. CERTIFICATE #010300

PROJECT INFORMATION

Project Number: R22.15643.01
Client Name: BRADFORD CSD

Project Name: 2023 CAPITAL IMPROVEMENTS PROJECT

Project Address: 2820 NY-226, BRADFORD, NY 14815

BRADFORD CENTRAL SCHOOL DISTRICT

14-12-23-23-01-00-00-00-00-00-00-00
STORAGE BUILDING 2-3ER # 37-0401-04-003-001
BUS GARAGE/MAINTENANCE FACILITY 3ER # 37-0401-04-004-002-001

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	03/05/25	RD-ADDENDUM #1
2	04/04/25	RD-ADDENDUM #4

PROFESSIONAL STAMPS



LICENSE EXPIRATION DATE: 08/31/2024

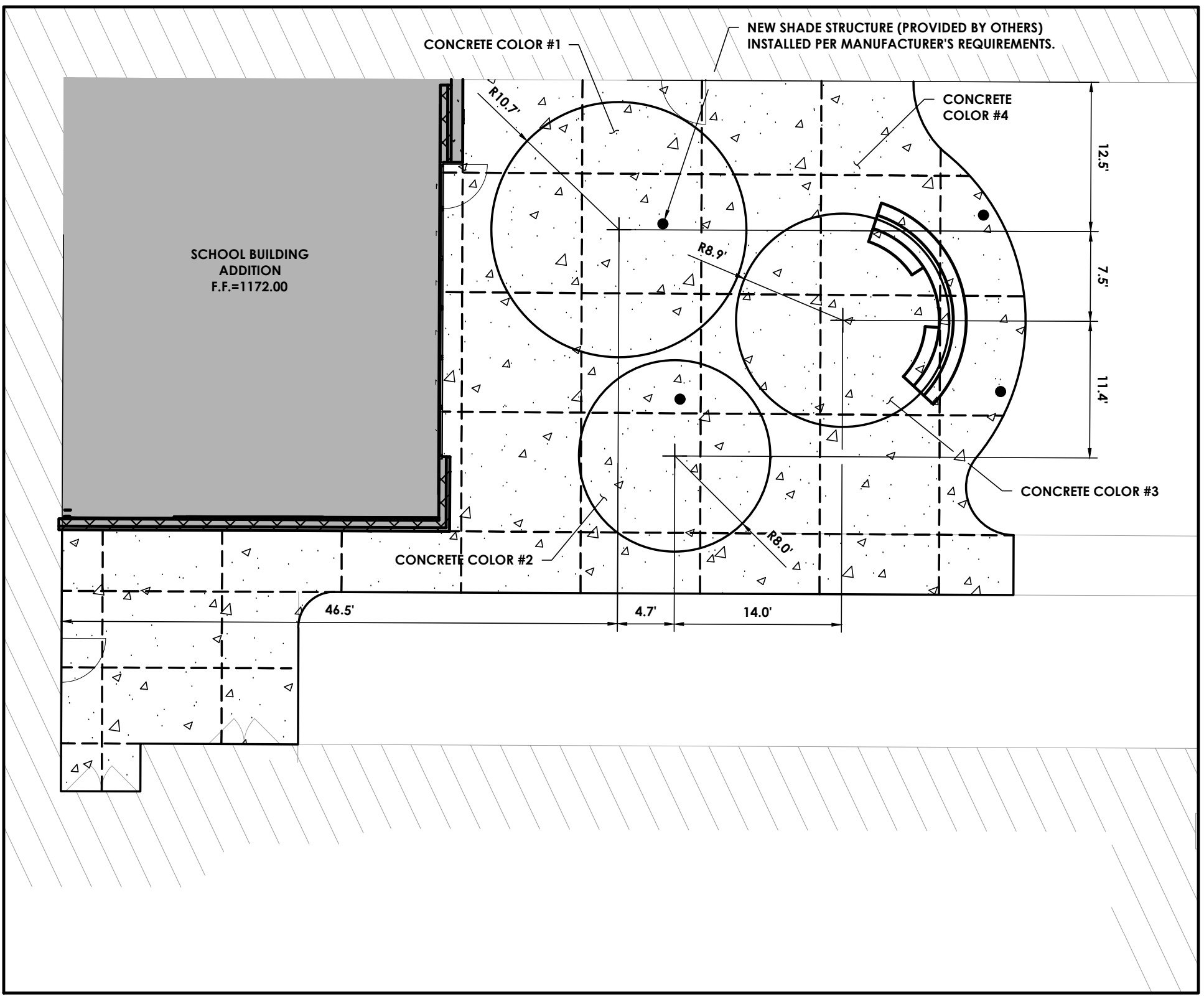
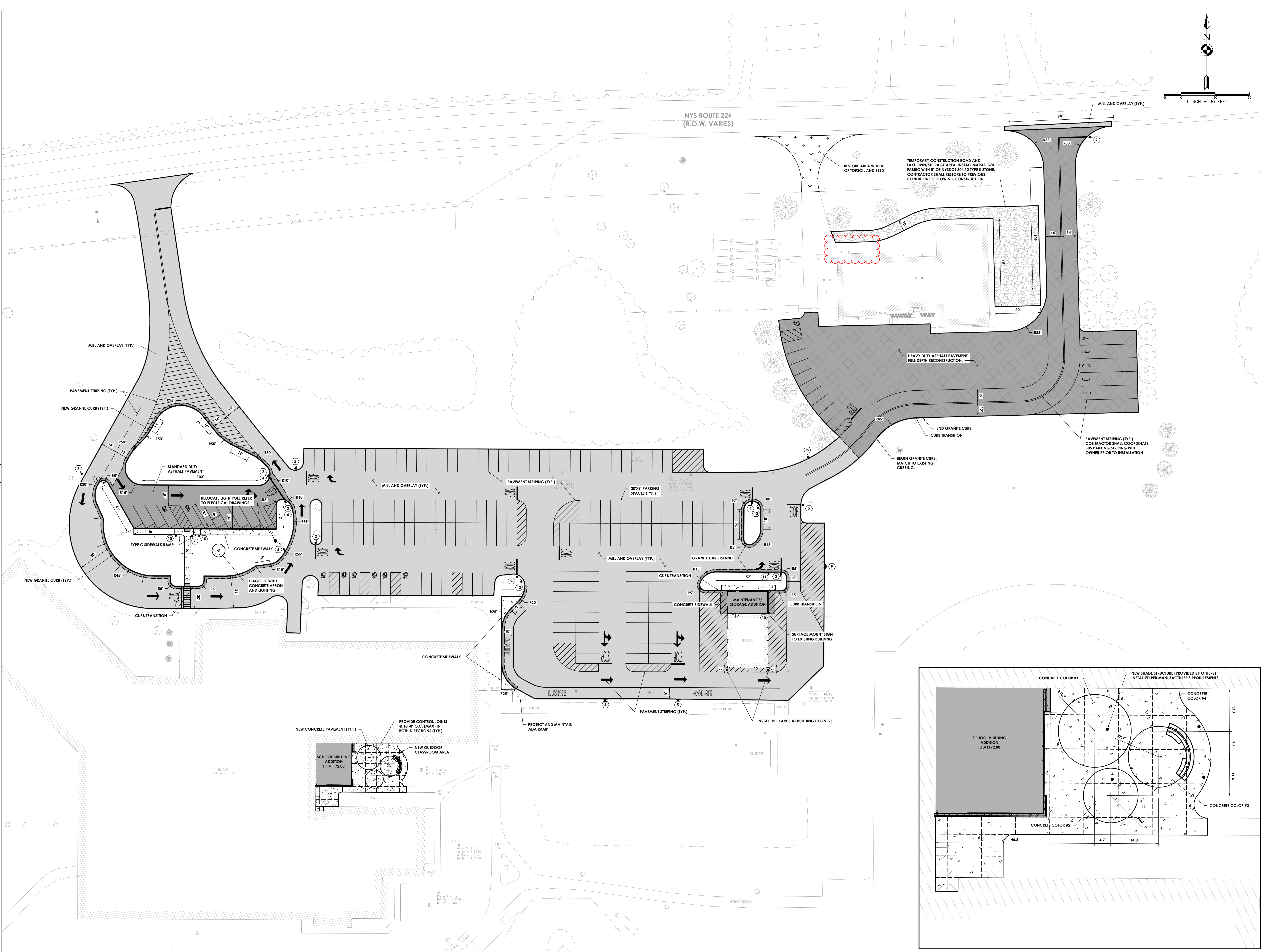
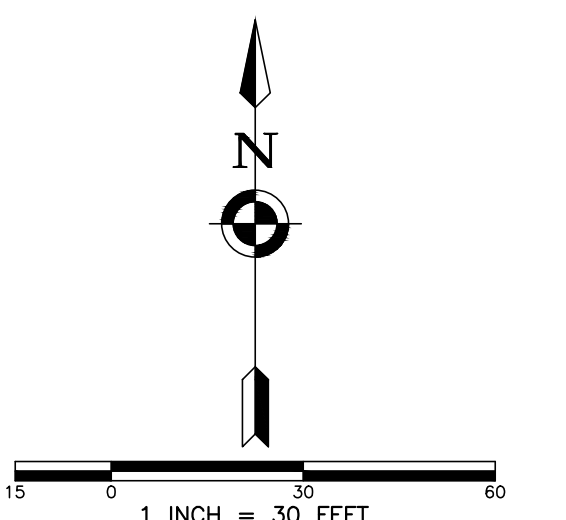


LICENSE EXPIRATION DATE: 05/31/2026

SHEET INFORMATION

Scale: 1" = 30'
Date: 03/05/2025
Project Status: BID DOCUMENTS
Drawn By: NCB
Checked By: JCB
Drawing Title: SITE PLAN

Drawing Number: G C201



OUTDOOR CLASSROOM PLAN
SCALE: 1" = 30'

MATCH TO C202 (RIGHT)

Prepared By: Nick Birrell

Date last plotted: 4/3/2023 1:58 PM

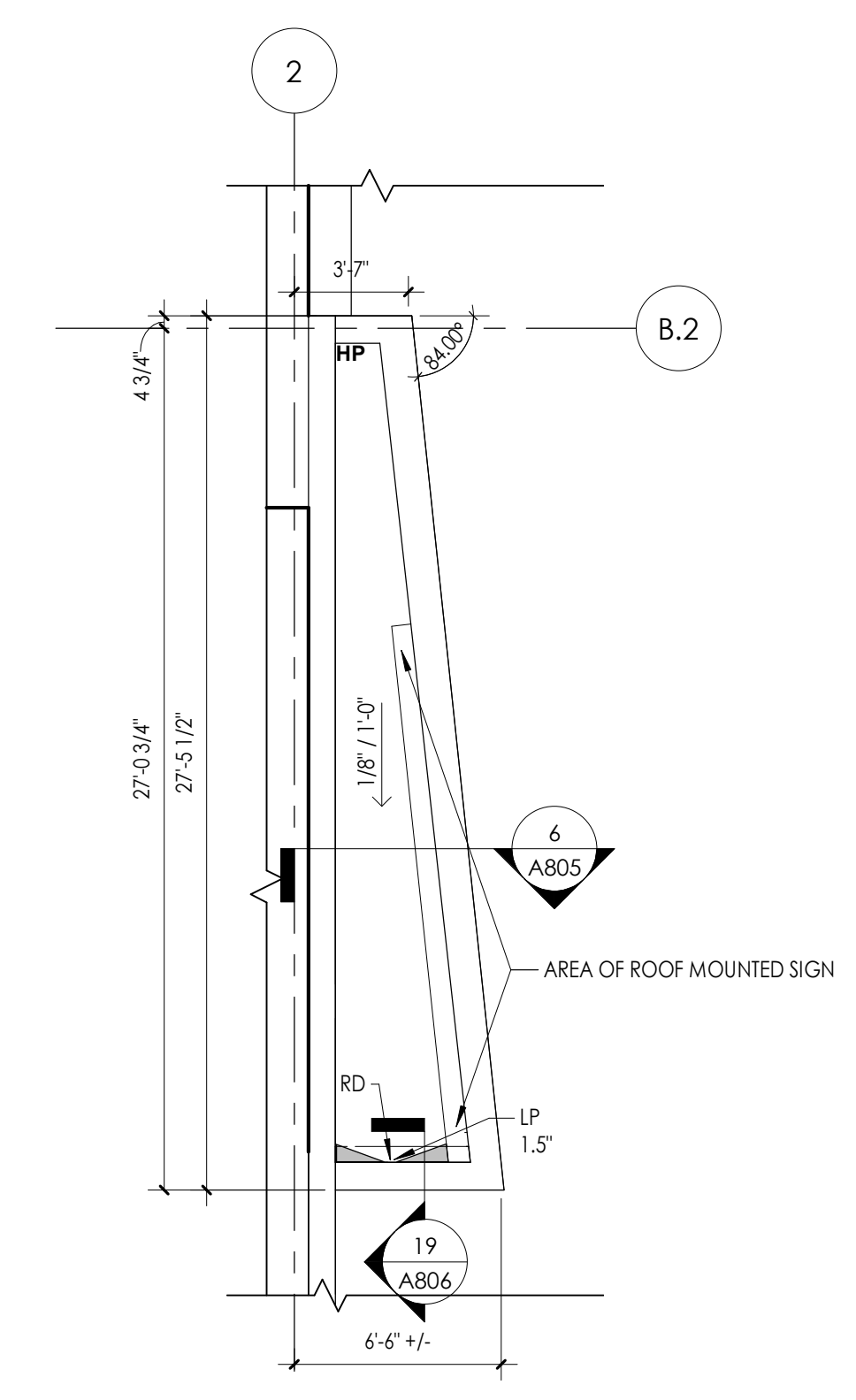
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Sheet Size: 30x42
Drawing Name: S:\Projects\Bradford CSD\2023_CIP\03_Design\04_CAD\0401\CAD\BRAD_2023_15643_01_01E.dwg



ROOF PLAN GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF MATERIALS. FIELD VERIFY ALL CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
- REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE FRAMING AS REQUIRED.
- PAINT ALL ROOF FASTENERS EXPOSED TO VIEW AT UNDERSIDE OF DECK TO MATCH. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE BROOM CLEAN AT THE END OF EACH DAY.
- ALL WOOD BLOCKING USED SHALL BE PRESERVATIVE-TREATED.
- INSTALL ALL ROOF DRAINS AND CUT HOLES IN DECK FOR ANY DRAINS AND STRUCTURAL SUPPORTS.
- THE ROOF ELEVATIONS SHOWN ON THE PLAN ARE SHOWN TO ESTABLISH RELATIVE HEIGHTS OF THE INDIVIDUAL ROOFS.
- NO WEED HOLES SHALL BE COVERED OR PLUGGED AS A RESULT OF THE ROOFING WORK, UNLESS OTHERWISE DIRECTED.
- MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH DAY.
- PROVIDE CRICKETS FOR WATER DIVERSION AT ALL CURBS, RAILS, ETC., WHICH RUN PERPENDICULAR TO THE SLOPE OF THE INSULATION/SLOPED STRUCTURE.
- ALL ROOF TOP UNITS SHALL BE MOUNTED ON 1/8" MIN. INSULATED METAL CURBS. PROVIDE TAPERED INSULATION CRICKETS AS REQUIRED TO DRAIN WATER. WOOD BLOCKING SHALL BE PROVIDED SO CURBS ARE 8" ABOVE FINISHED ROOF SURFACE.
- PROVIDE WOOD BLOCKING AS REQUIRED TO MEET THE HIGH POINT (HP) OF THE INSULATION AT ROOF EDGES. THE ROOF EDGE HEIGHT SHALL NOT VARY UNLESS OTHERWISE NOTED. ALL WOOD BLOCKING USED SHALL BE PRESERVATIVE-TREATED.
- ALL SADDLES AND CRICKETS ARE TO HAVE A MIN. 1/2" PER FOOT SLOPE AS INDICATED. PROVIDE CRICKETS FOR DIVERSION OF WATER AT ALL CURBS, RAILS, ETC., WHICH RUN PERPENDICULAR TO SLOPE OF INSULATION.
- AT ALL MECHANICAL EQUIPMENT, PROVIDE SLOPED INSULATION AS REQUIRED TO DRAIN ROOF WATER AWAY FROM HIGH SIDE OF CURBS.
- ALL ROOFS TO HAVE THE FOLLOWING:
 AT EXISTING ROOF DECK TO REMAIN, THE RIGID INSULATION SHALL BE TAPERED INSULATION TO 1/8" PER FOOT SLOPE WITH A MIN. 1/2" POSITIVE DRAINAGE.
 AT NEW ROOF STRUCTURE, THE RIGID INSULATION SHALL BE UNIFORM.
 REFER TO MULTIPLE CONTRACT SUMMARY FOR DELINEATION OF CONTRACTOR SCOPE AND RESPONSIBILITY FOR ROOF WORK.
- THE INSTALLED ROOFING SYSTEM SHALL MEET ALL REQUIREMENTS FOR CLASSIFICATION AS A UL CLASS "A" ROOF ASSEMBLY.
- EVALUATE CONDITION OF EXISTING VAPOR BARRIER, IF REQUIRED PROVIDE AND APPLY ADHESIVE VAPOR BARRIER TO ALL ROOF SURFACES AT THE BEGINNING OF CONSTRUCTION. ADHESIVE VAPOR BARRIER SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION.
- EXISTING WARRANTIES ARE TO BE MAINTAINED.
- NEW ROOF WARRANTY REQUIRED FOR ALL NEW ROOF DETAILS & INFILLS AT EXISTING ROOF AREAS.



2 CANOPY ROOF PLAN
 3/16" = 1'-0"

ROOF PLAN LEGEND

- ROOF DRAIN W/ SECONDARY
- SLOPED INSULATION LOW POINT
- SLOPED INSULATION HIGH POINT
- SLOPED INSULATION ROOF CRICKET. PROVIDE 1/2\"/>

ROOF COMPOSITION NOTES

- ROOF COMPOSITION SCHEDULE**
- ROOF SYSTEM 1:**
 SLOPED STEEL
 METAL DECK
 SHEARWALL
 VAPOR BARRIER
 RIGID INSULATION
 COVERBOARD
 ADHESIVE SINGLE PLY ROOF MEMBRANE
- ROOF SYSTEM 2:**
 SLOPED STEEL
 METAL DECK
 SHEARWALL
 EXPOSED INSULATION
 COVERBOARD
 ADHESIVE SINGLE PLY ROOF MEMBRANE

ROOF PLAN KEY NOTES

- DEMO ROOF EDGE FASCIA.
- ROOF LADDER:
 PROVIDE 2X2 (MIN. SIZE) CONCRETE PAVERS AT BASE OF LADDER, BOTH SIDES, & (1) LAYER OF ROOF MEMBRANE BELOW PAVER
- PROVIDE ANCHOR POINT FOR SAFETY HARNESS
- PRIMARY & SECONDARY DRAIN, RE: 1 / A800
- SHADE STRUCTURE BELOW, BY OTHERS.
- HATCHED AREAS: PROVIDE MEMBRANE, COVERBOARD, RIGID INSULATION - MATCH HEIGHT OF ADJACENT ETR, FLASH NEW MEMBRANE TO ETR, TYPICAL.

1 ROOF PLAN
 1/16" = 1'-0"

PROJECT INFORMATION

Project Number: R22.15663.01
Client Name: BRADFORD CSD

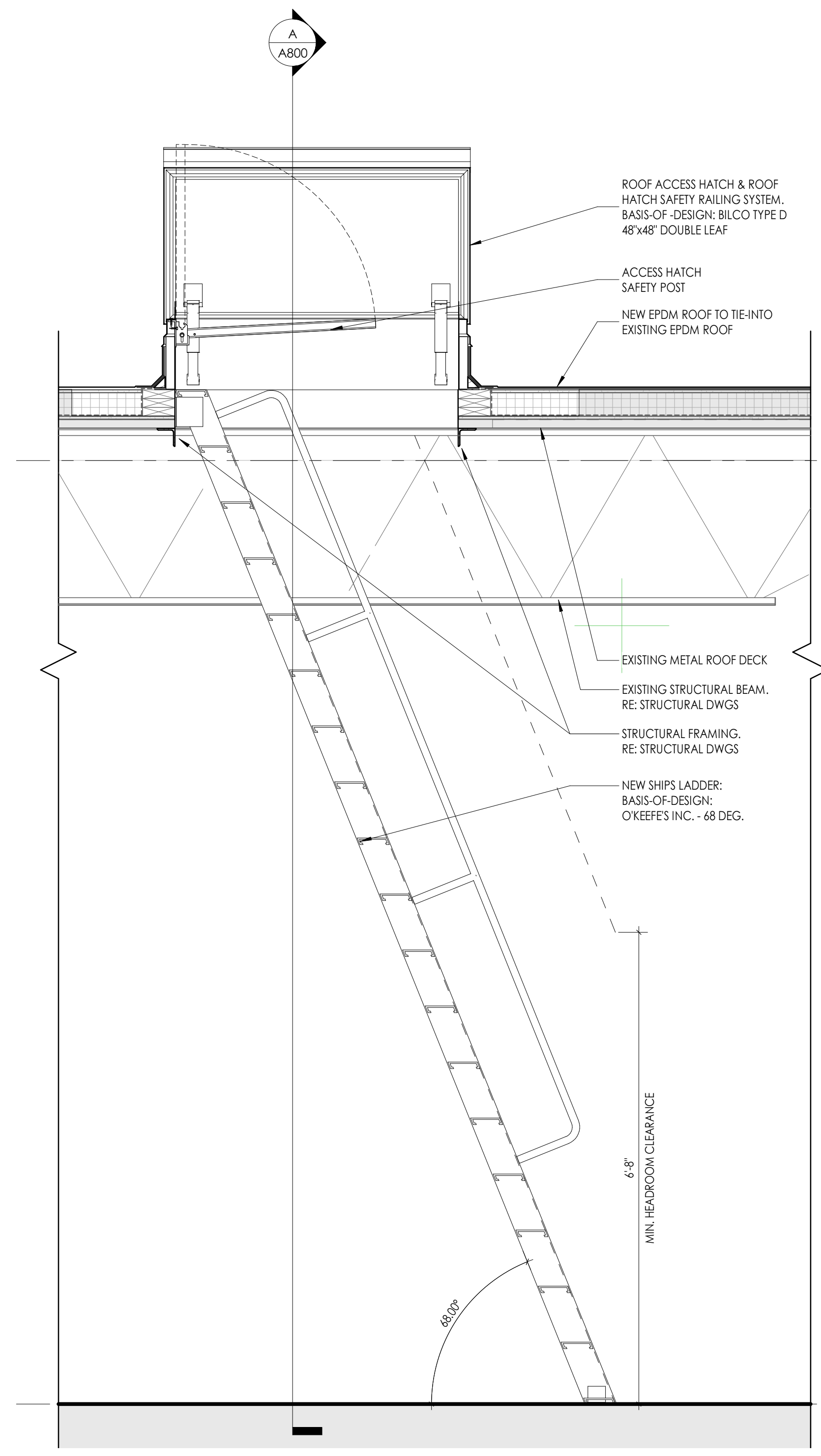
Project Name: 2023 CAPITAL IMPROVEMENT PROJECT

District Office Address: 2820 NY 226, BRADFORD, NY 14815

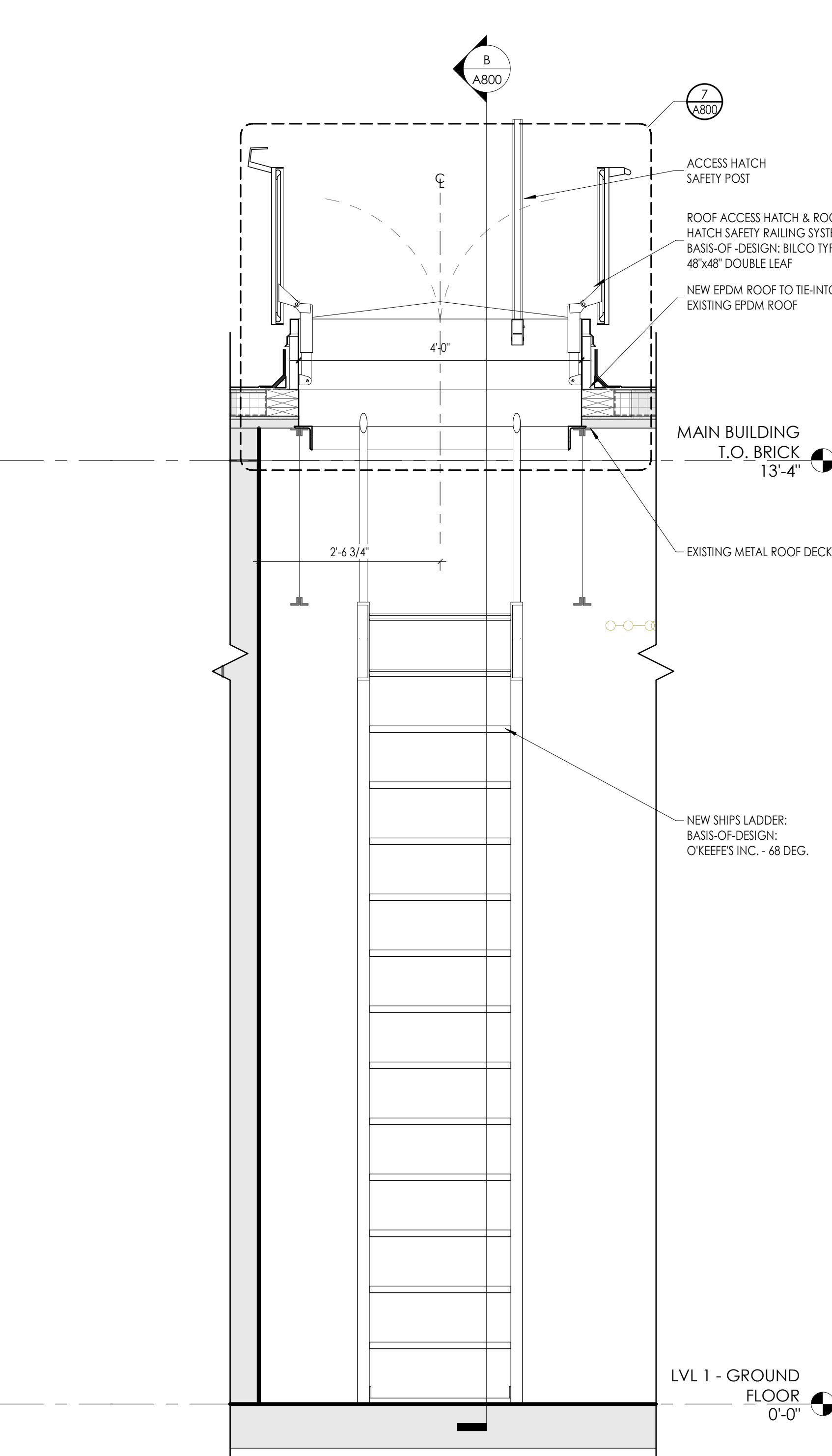
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HS GARAGE/MANTRY FACILITY SED No: 57-04-01-04-5-004-004
STORAGE BUILDING SED No: 57-04-04-04-003-001

PROJECT ISSUE & REVISION SCHEDULE

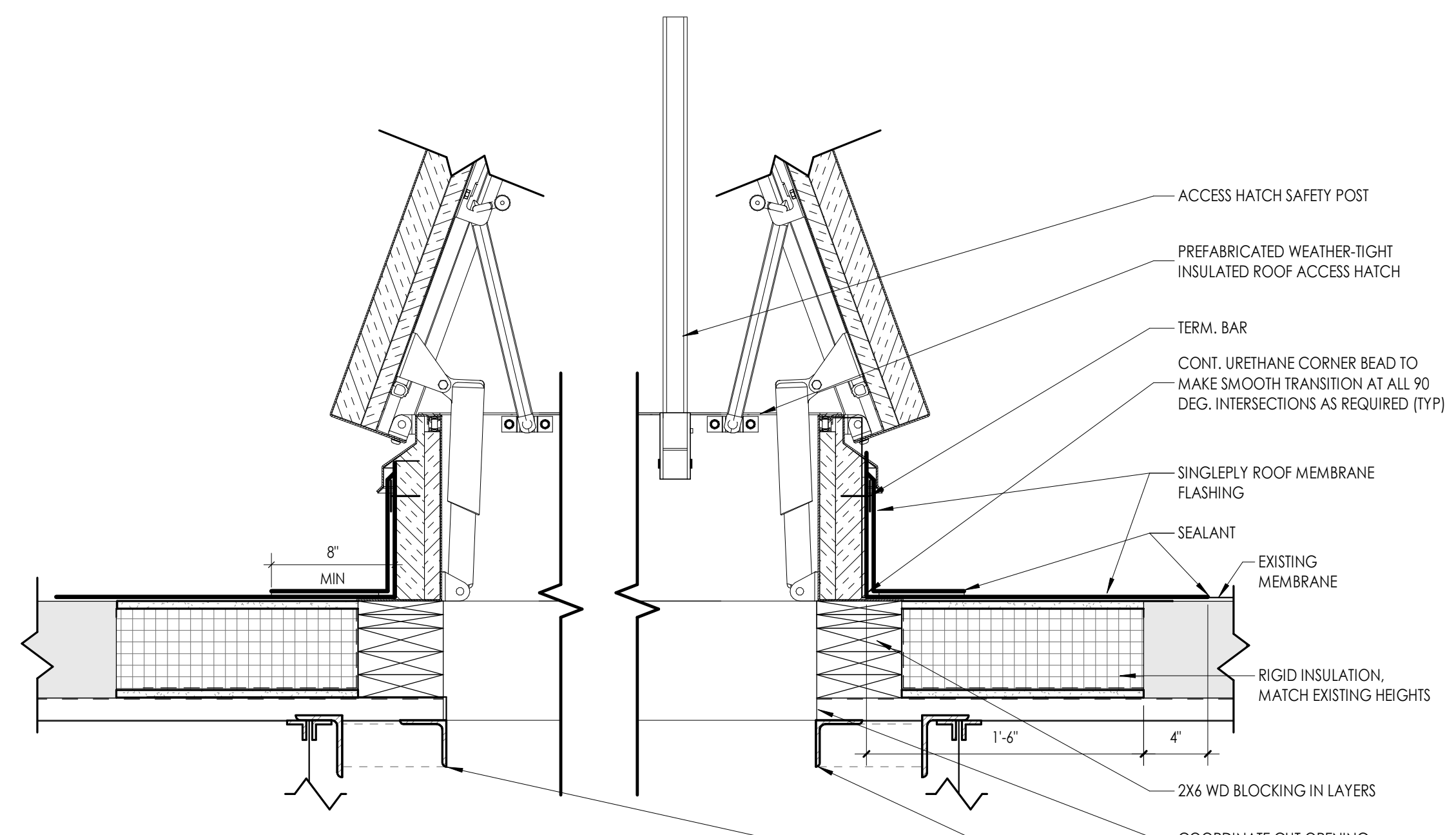
No.	Date	Description
1	04/03/2025	BID ADDENDUM 4



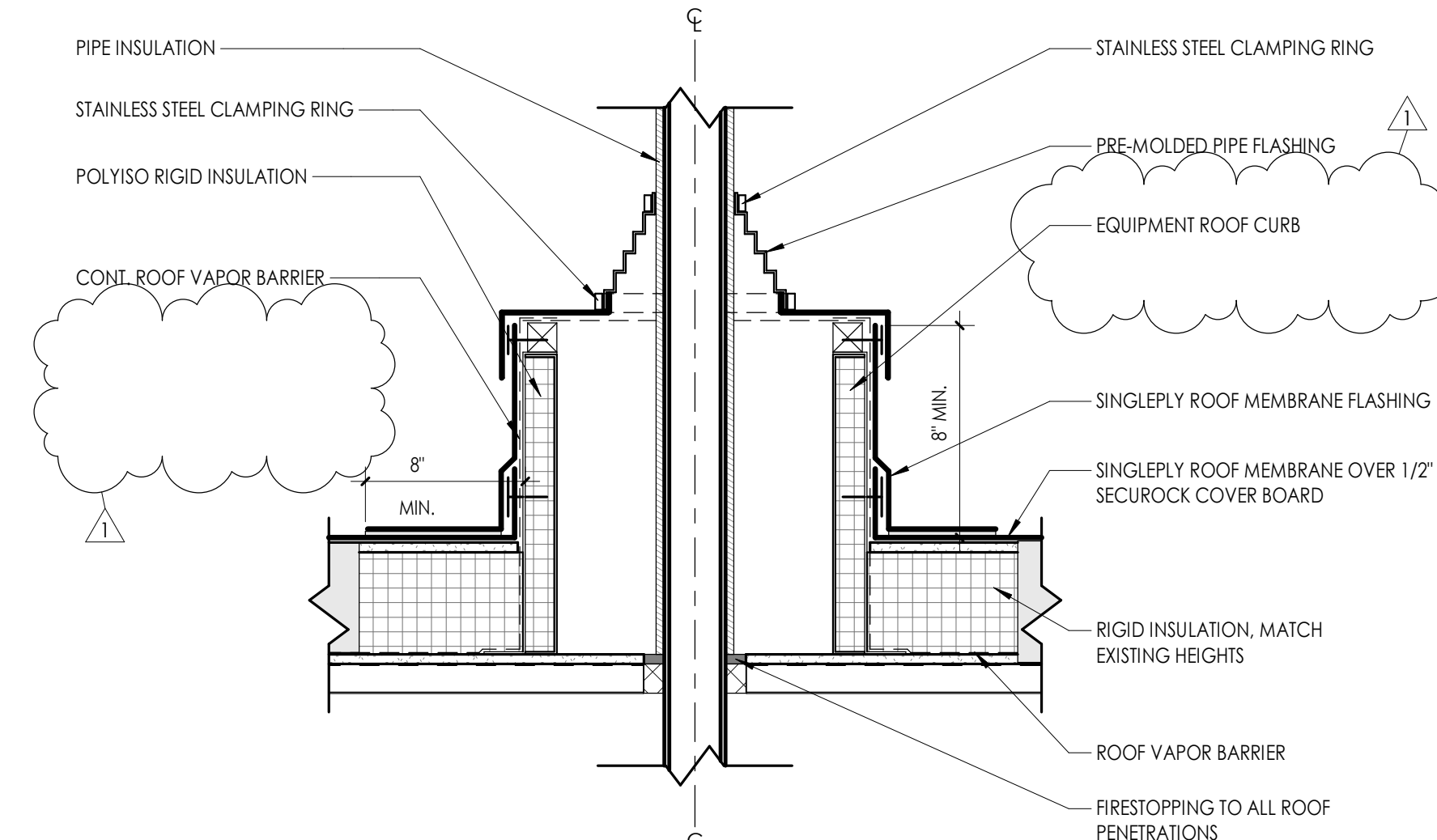
B ROOF ACCESS HATCH & ALTERNATING TREAD DEVICE
3/4\"/>



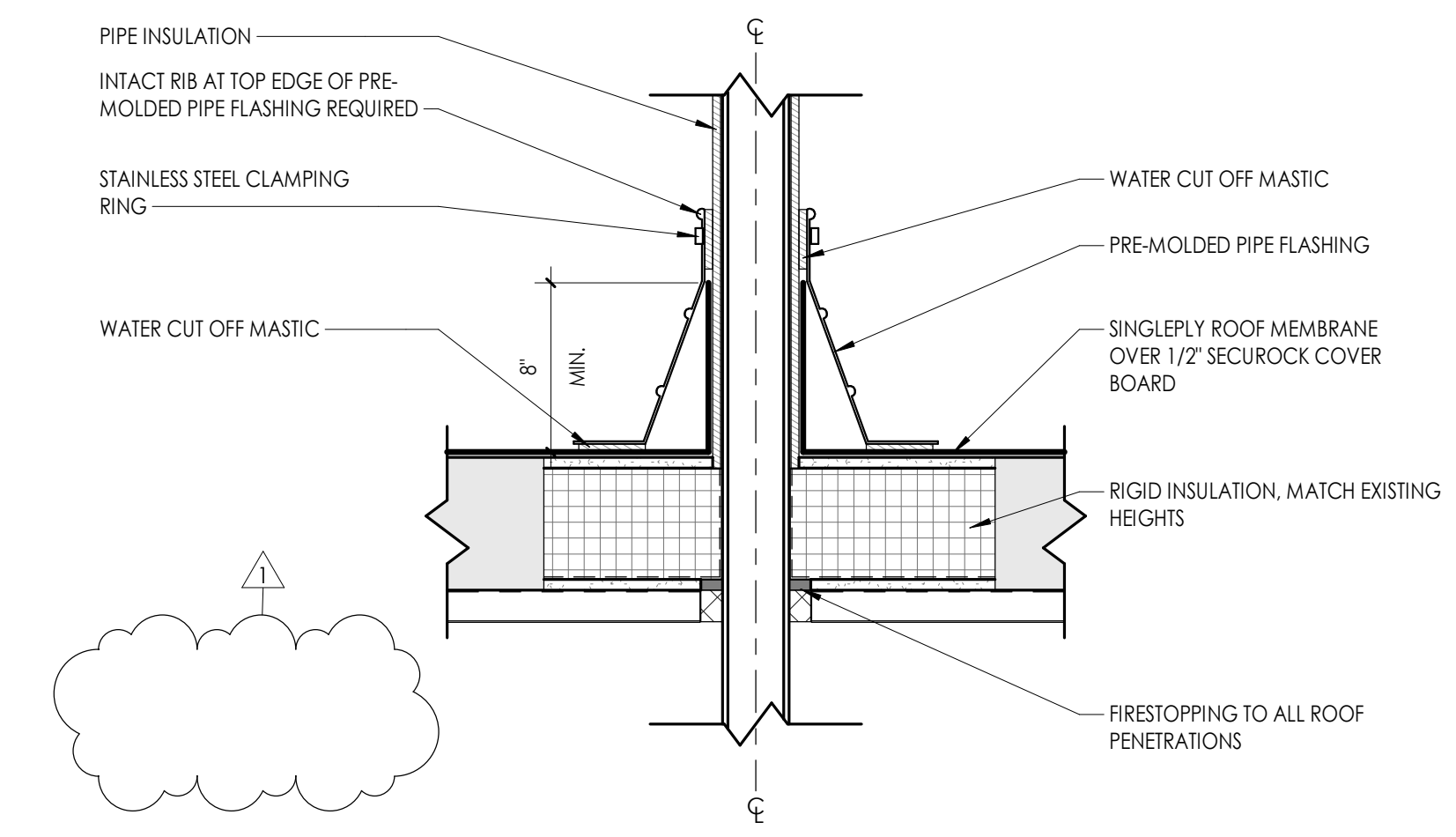
A ROOF ACCESS HATCH & ALTERNATING TREAD DEVICE
3/4\"/>



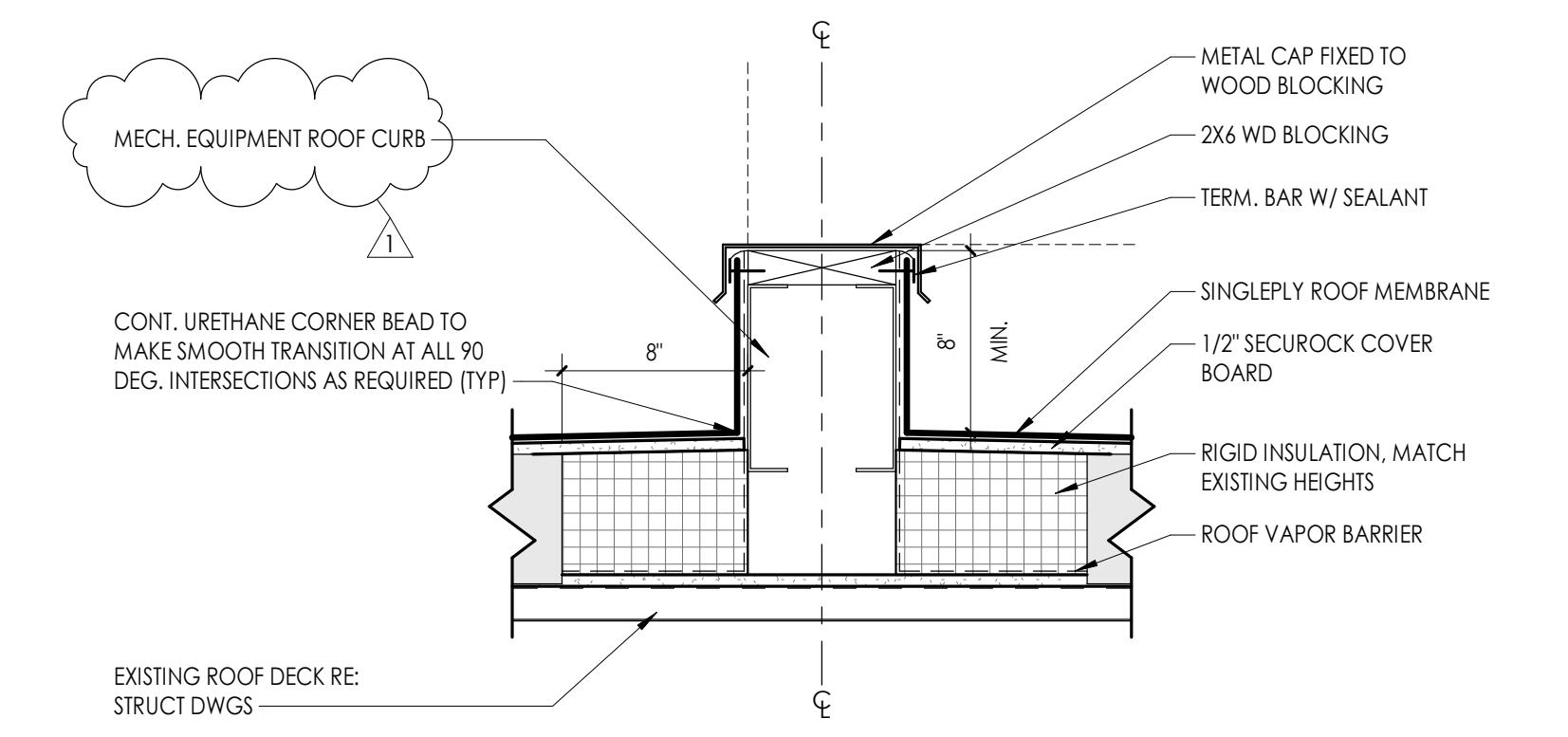
7 SINGLE PLY ROOF - ACCESS HATCH - DOUBLE LEAF
1 1/2\"/>



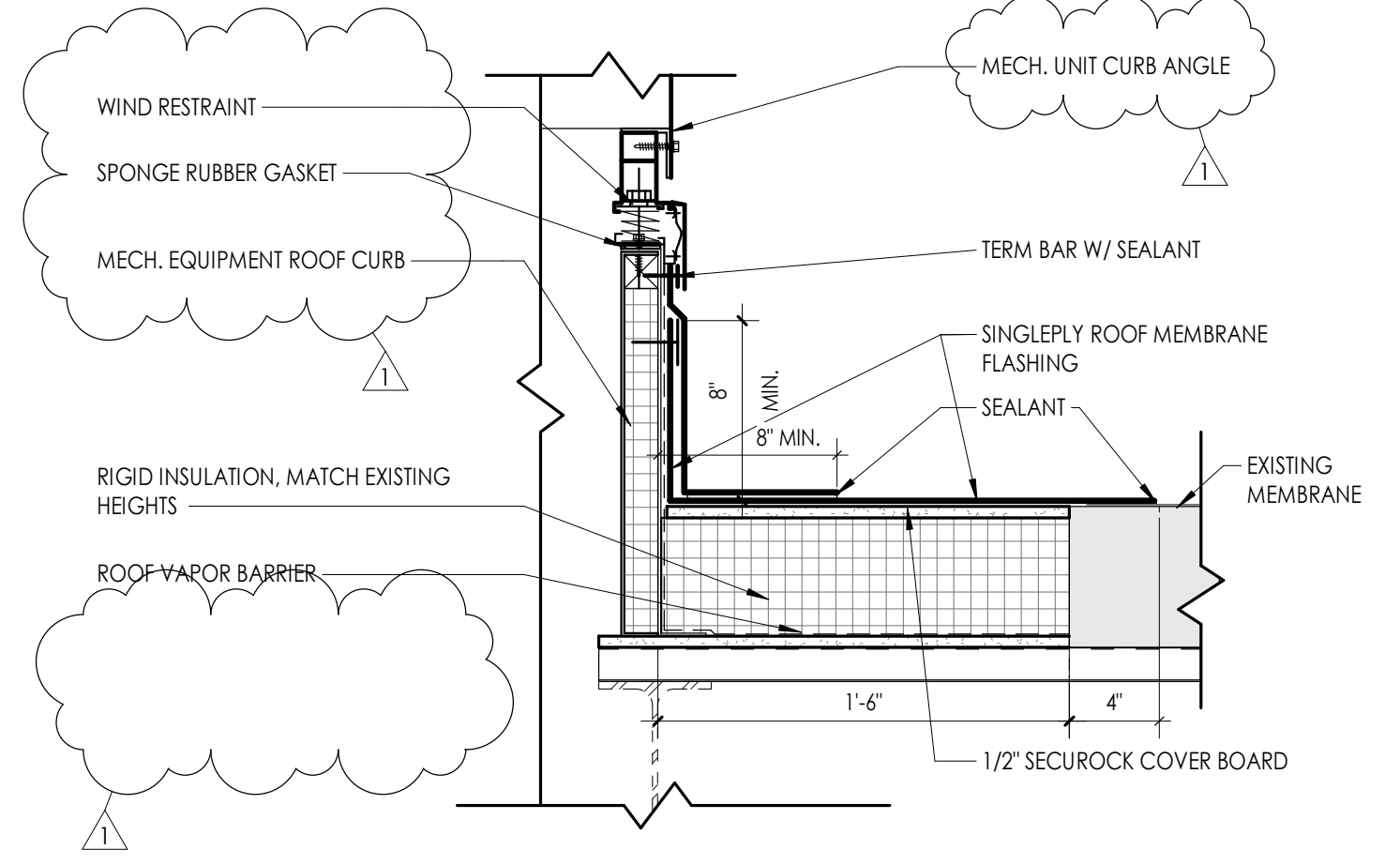
5 SINGLE PLY ROOF - PIPE PORTAL DETAIL TYP.
1 1/2\"/>



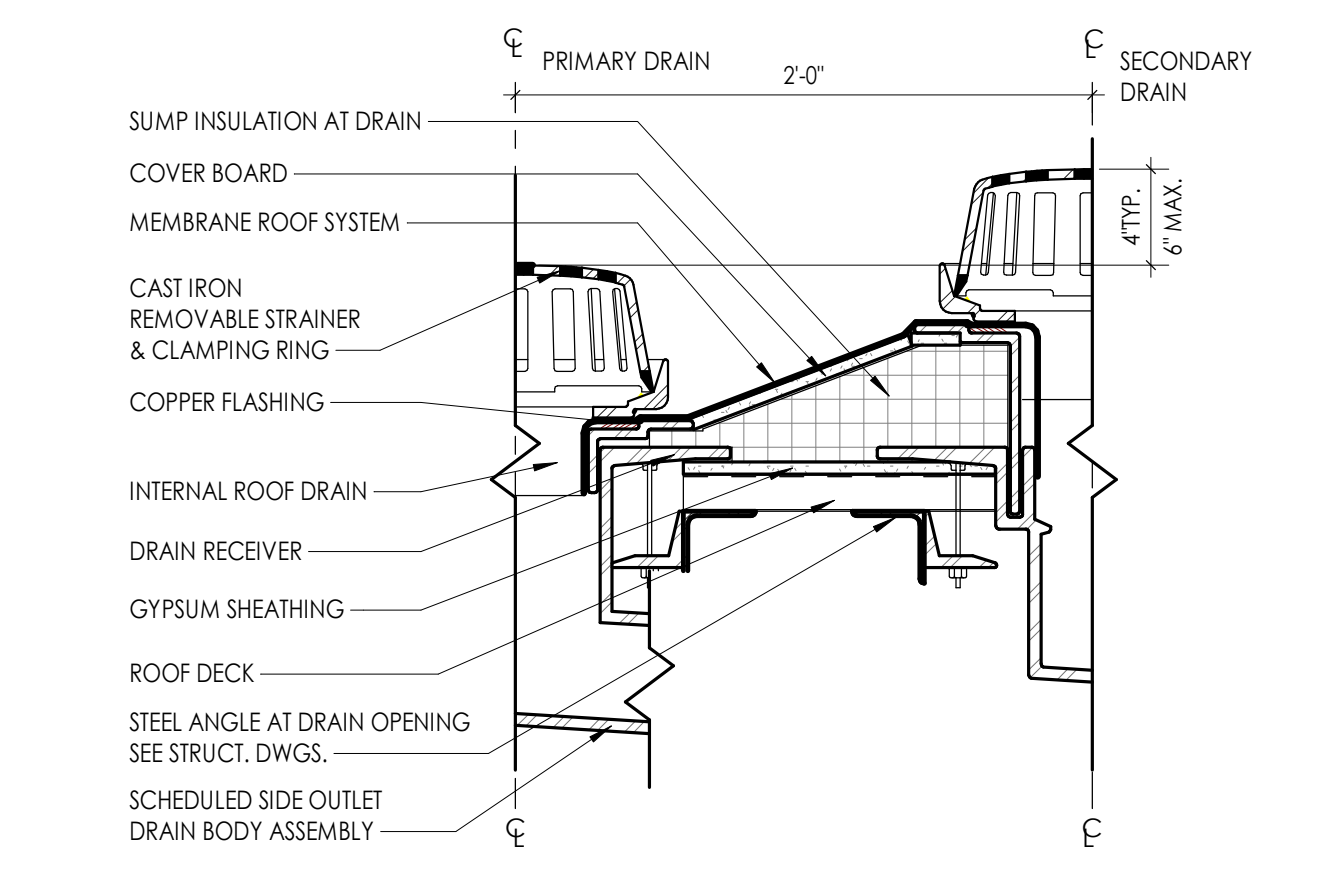
4 SINGLE PLY ROOF - VENT PIPE DETAIL TYP.
1 1/2\"/>



3 SINGLE PLY ROOF - EQUIPMENT RAIL DETAIL TYP.
1 1/2\"/>



2 SINGLE PLY ROOF - ISOLATION CURB
1 1/2\"/>



1 SINGLE PLY ROOF - DRAIN & SECONDARY W/ SIDE OUTLET
1 1/2\"/>

PROFESSIONAL STAMPS



SHEET INFORMATION

Scale: As indicated
Project Status: BID DOCUMENTS
Drawn By: JCF
Checked By: RCW
Drawing Title: TYPICAL DETAILS - ROOF

Drawing Number: MB A800

GENERAL NOTES

- REFER TO DRAWING G-1000 FOR HVAC CONTRACTOR GENERAL CONDITIONS.
- COORDINATE REGISTER, GRILLE, AND DIFFUSER LOCATIONS WITH CEILING GRID AND LIGHTS.
- COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
- UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.

KEY NOTES

- PROVIDE NEW UNIT VENTILATOR AS INDICATED. PROVIDE NEW CONNECTION TO EXISTING CONTROLS. PROVIDE HARD DUCTED SLEEVE TO EXISTING LOUVER AND SEAL WEATHER TIGHT. UNIT VENTILATOR SHALL MATCH THE EXISTING WINDOW SILL HEIGHT. FIELD VERIFY ALL DIMENSIONS PRIOR TO SUBMITTING AND ORDERING EQUIPMENT. MC IS RESPONSIBLE FOR FIELD MEASURING THE FILLER/SHELVING SECTIONS AND COORDINATING WITH THE UV MANUFACTURER. PROVIDE FACTORY REMOVABLE ACCESS PANELS FOR CONTROLS. SECTIONS LESS THAN 18" SHALL BE FILLER. SECTIONS 18" AND GREATER TO BE SHELVING.
- BALANCE EXISTING EXHAUST GRILLES TO MATCH AIRFLOW SHOWN ON PLANS IN SCIENCE ROOMS.
- PROVIDE ELECTRIC DUCT HEATER ON VERTICAL OUTDOOR AIR DUCTWORK AS SHOWN ON PLAN.
- PROVIDE ELECTRIC DUCT HEATER AS SHOWN ON PLAN.
- CONNECT NEW EXHAUST DUCTWORK TO EXISTING DUCTWORK AS SHOWN ON PLANS.
- PROVIDE INSULATED METAL PANEL INFILL SECTIONS ON ONE OR BOTH ENDS OF EXISTING LOUVER IN ORDER TO INSTALL UNIT VENTILATOR. LOCATION OF UNIT SHALL NOT IMPACT SHELVING ON SIDE OF UNIT VENTILATOR THAT IS FURTHEST FROM THE PIPE CHASE WALL. MINIMUM EFFECTIVE LENGTH OF LOUVER SHALL BE 6'.
- PROVIDE INSULATED METAL PANEL INFILL SECTIONS ON ONE OR BOTH ENDS OF EXISTING LOUVER IN ORDER TO INSTALL UNIT VENTILATOR. LOCATION OF UNIT SHALL NOT IMPACT SHELVING ON SIDE OF UNIT VENTILATOR THAT IS FURTHEST FROM THE PIPE CHASE WALL. MINIMUM EFFECTIVE LENGTH OF LOUVER SHALL BE 7'.
- PROVIDE NEW UNIT VENTILATOR AS INDICATED. PROVIDE NEW CONNECTION TO EXISTING CONTROLS. PROVIDE HARD DUCTED SLEEVE AND FIRE DAMPER TO EXISTING LOUVER AND SEAL WEATHER TIGHT. UNIT VENTILATOR SHALL MATCH THE EXISTING WINDOW SILL HEIGHT. FIELD VERIFY ALL DIMENSIONS PRIOR TO SUBMITTING AND ORDERING EQUIPMENT. MC IS RESPONSIBLE FOR FIELD MEASURING THE FILLER/SHELVING SECTIONS AND COORDINATING WITH THE UV MANUFACTURER. PROVIDE FACTORY REMOVABLE ACCESS PANELS FOR CONTROLS. SECTIONS LESS THAN 18" SHALL BE FILLER. SECTIONS 18" AND GREATER TO BE SHELVING.

PROJECT INFORMATION

Project Number: R22.15663.01
 Client Name: BRADFORD CSD
 Project Name: 2023 CAPITAL IMPROVEMENT PROJECT
 District Office Address: 2820 NY 226, BRADFORD, NY 14815

PROJECT ISSUE & REVISION SCHEDULE

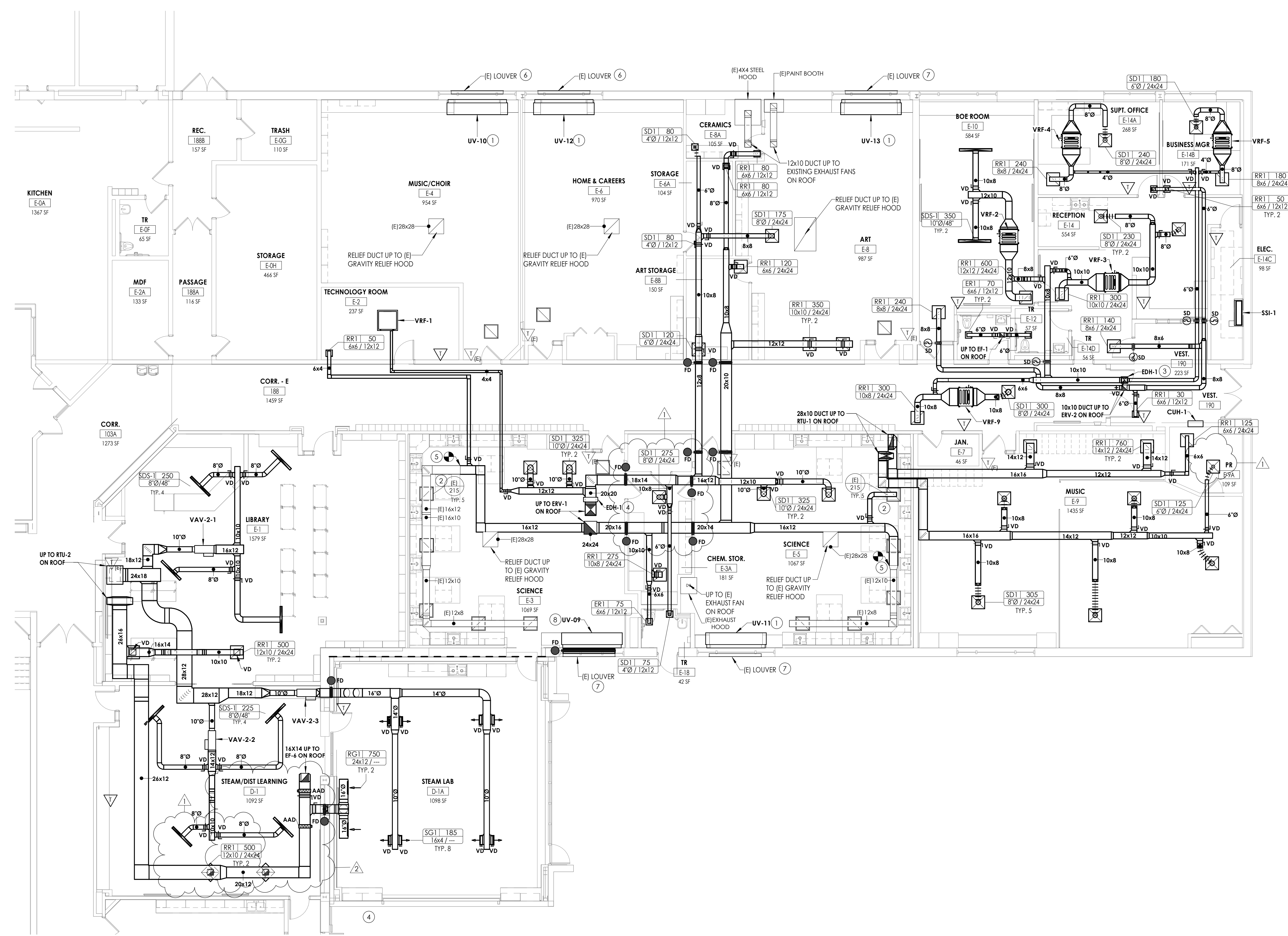
Issue No.	Date	Description
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2	04/04/2025	BID ADDENDUM 4

PROFESSIONAL STAMPS



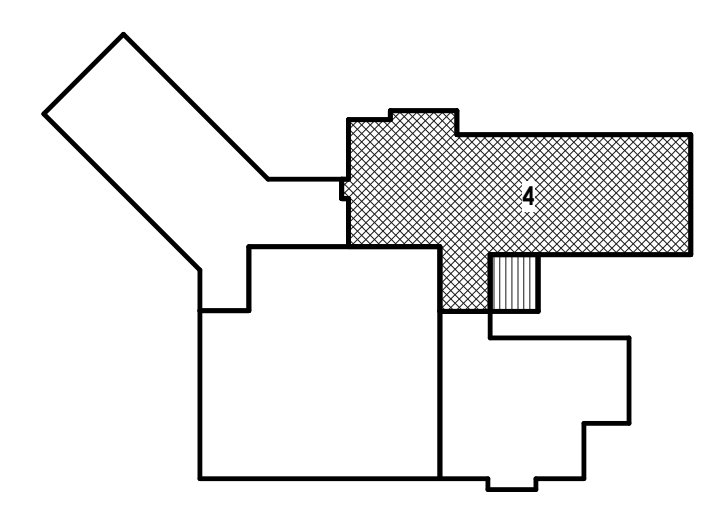
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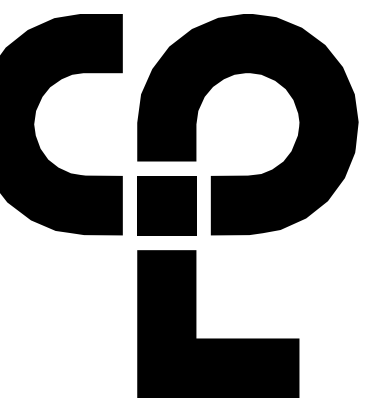
Issue: 03/05/2025
 Scale: 1/8" = 1'-0"
 Project Status: BID DOCUMENTS
 Drawn By: CMG
 Checked By: DRH
 Drawing Title: FIRST FLOOR DUCTWORK PLAN - AREA 4
 Drawing Number: MB H201.4



1 FIRST FLOOR DUCTWORK PLAN - AREA 4
 H201.4 1/8" = 1'-0"

KEY PLAN:





CPL | Architecture Engineering Planning
 130 South Union Street Suite 4,
 Olean, NY 14760
 CPLteam.com

GENERAL NOTES

1. REFER TO DRAWING G1000 FOR HVAC CONTRACTOR GENERAL CONDITIONS.
2. COORDINATE REGISTER, GRILLE AND DIFFUSER LOCATIONS WITH CEILING GRID AND LIGHTS.
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
4. UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.

KEY NOTES

- ① PROVIDE NEW GRAVITY INTAKE AND CURB. MODIFY ROOFING AS NECESSARY WHILE MAINTAINING MANUFACTURER WARRANTIES TO ACCOMMODATE NEW INSTALLATION. PATCH AND SEAL AROUND THE FAN AND FINISHED OPENING WEATHER TIGHT.
- ② PROVIDE NEW EXHAUST FAN AND CURB. MODIFY ROOFING AS NECESSARY WHILE MAINTAINING MANUFACTURER WARRANTIES TO ACCOMMODATE NEW FAN INSTALLATION. PATCH AND SEAL AROUND THE FAN AND FINISHED OPENING WEATHER TIGHT.

PROJECT INFORMATION

Project Number: R22.15663.01
 Client Name: **BRADFORD CSD**
 Project Name: **2023 CAPITAL IMPROVEMENT PROJECT**
 District Office Address: 2820 NY 226, BRADFORD, NY 14815

11-12 BLD No.: 37-0401-04-0-001-013
 103 GARAGE/PARKING FACILITY SED No.: 37-04-01-04-5-004-004
 STORAGE BUILDING'S SED No.: 37-04-04-04-0-001-001

PROJECT ISSUE & REVISION SCHEDULE

Rev	Date	Description
1	04/04/2025	BID ADDENDUM 4

PROFESSIONAL STAMPS

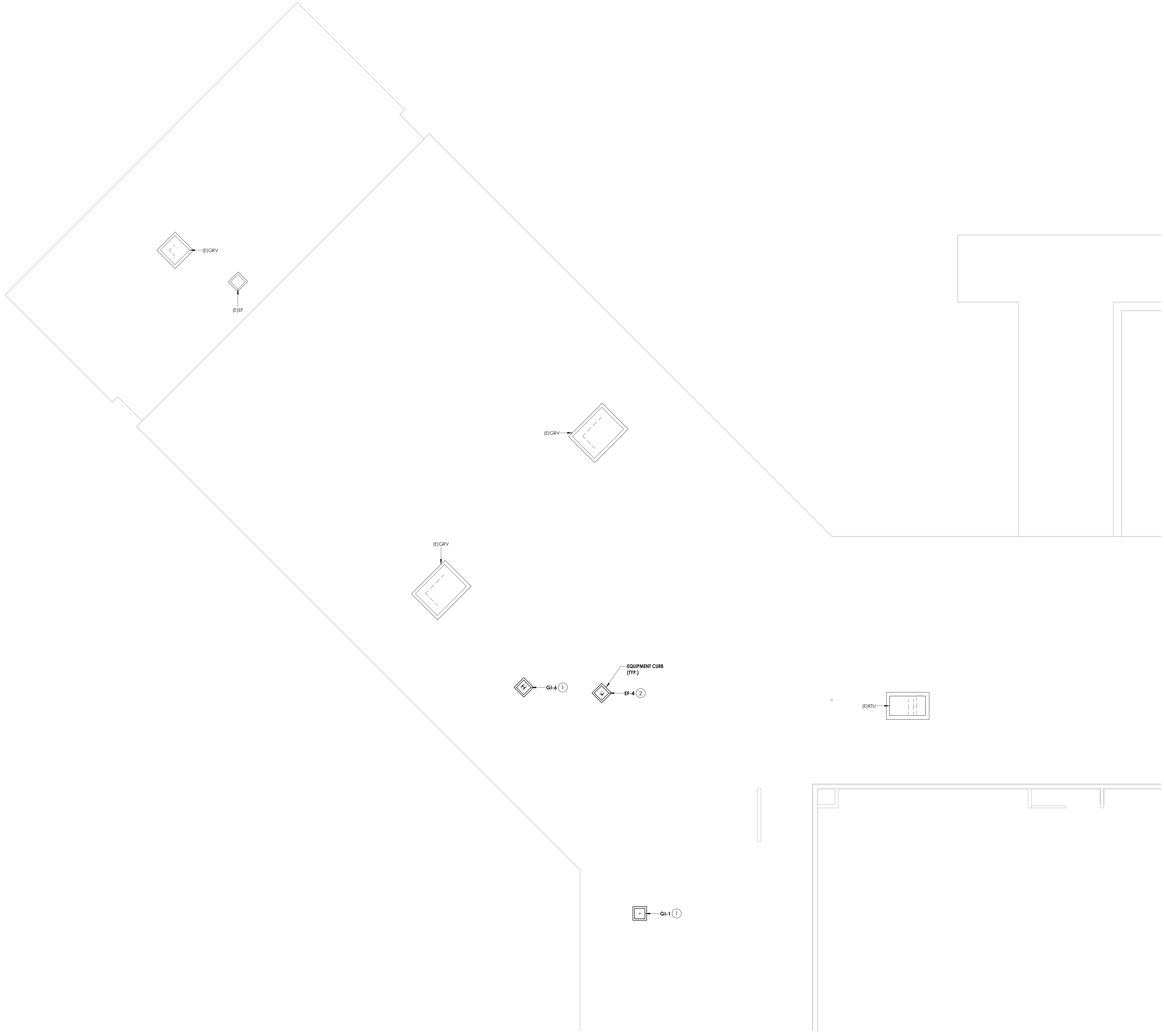


LICENSE EXPIRATION DATE: 03.28.2025

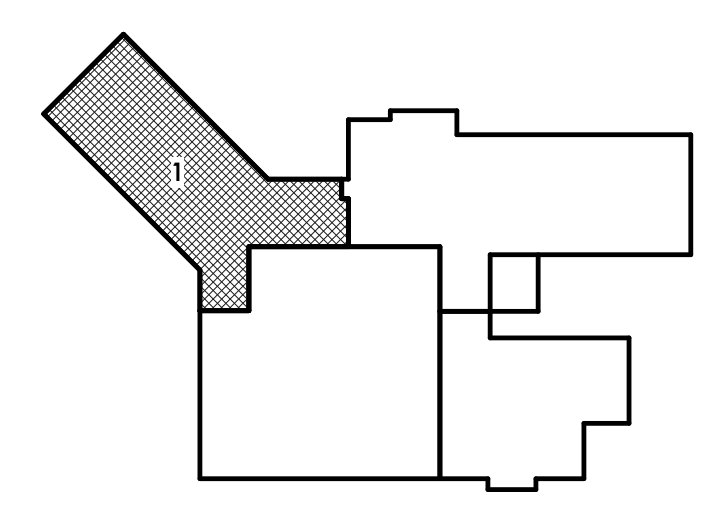
SHEET INFORMATION

Issue: 03/05/2025 Scale: 1/8" = 1'-0"
 Project Status: BID DOCUMENTS
 Drawn By: CMG Checked By: DRH
 Drawing Title: ROOF HVAC NEW WORK PLAN - AREA 1

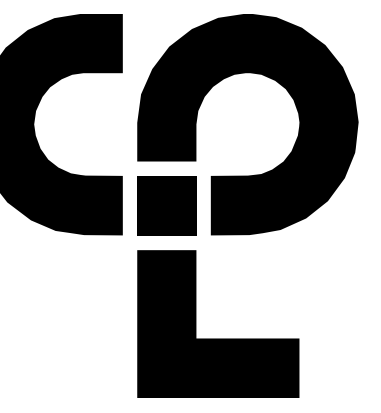
Drawing Number: **MB H202.1**



KEY PLAN:



1 ROOF HVAC NEW WORK PLAN - AREA 1
 H202.1 1/8" = 1'-0"



CPL | Architecture Engineering Planning
130 South Union Street Suite 4,
Oran, NY 14760
CPLteam.com

GENERAL NOTES

1. REFER TO DRAWING G/H000 FOR HVAC CONTRACTOR GENERAL CONDITIONS.
2. COORDINATE REGISTER, GRILLE, AND DIFFUSER LOCATIONS WITH CEILING GRID AND LIGHTS.
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
4. UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.

KEY NOTES

1. PROVIDE NEW GRAVITY INTAKE AND CURB, MODIFY ROOFING AS NECESSARY WHILE MAINTAINING MANUFACTURER WARRANTIES TO ACCOMMODATE NEW INSTALLATION. PATCH AND SEAL AROUND THE FAN AND FINISHED OPENING WEATHER TIGHT.
2. CONTRACTOR SHALL COORDINATE WITH TRADES AND PROVIDE NEW ROOFTOP UNIT AND PLENUM CURB, EXISTING RETURN AIR OPENING TO BE REUSED FOR NEW ROOFTOP UNIT. ENLARGE ROOF OPENING AS NECESSARY TO ACCOMMODATE NEW ROOFTOP UNIT INSTALLATION. MAINTAIN ALL MANUFACTURER'S RECOMMENDED CLEARANCES. ROOFTOP UNIT FRESH AIR INTAKE MUST BE AT LEAST 10 FEET FROM EXISTING/ NEW ROOF DRAINS, PLUMBING VENTS, OR EXHAUST FANS. MAINTAIN ALL MANUFACTURER WARRANTIES TO ACCOMMODATE NEW ROOFTOP UNIT INSTALLATION.

PROJECT INFORMATION

Project Number
R22.15663.01
Client Name
BRADFORD CSD
Project Name
2023 CAPITAL IMPROVEMENT PROJECT
District Office Address
2820 NY 226, BRADFORD, NY 14815

11-12 BID No.: 37-0401-04-01-013
 MIS. GARAGE/MANTR. FACILITY SED No.: 37-04-01-04-5-004-004
 STORAGE BUILDING'S SED No.: 37-04-04-04-010-001

PROJECT ISSUE & REVISION SCHEDULE

Rev	Date	Description
1	04/04/2025	BID ADDENDUM 4

PROFESSIONAL STAMPS

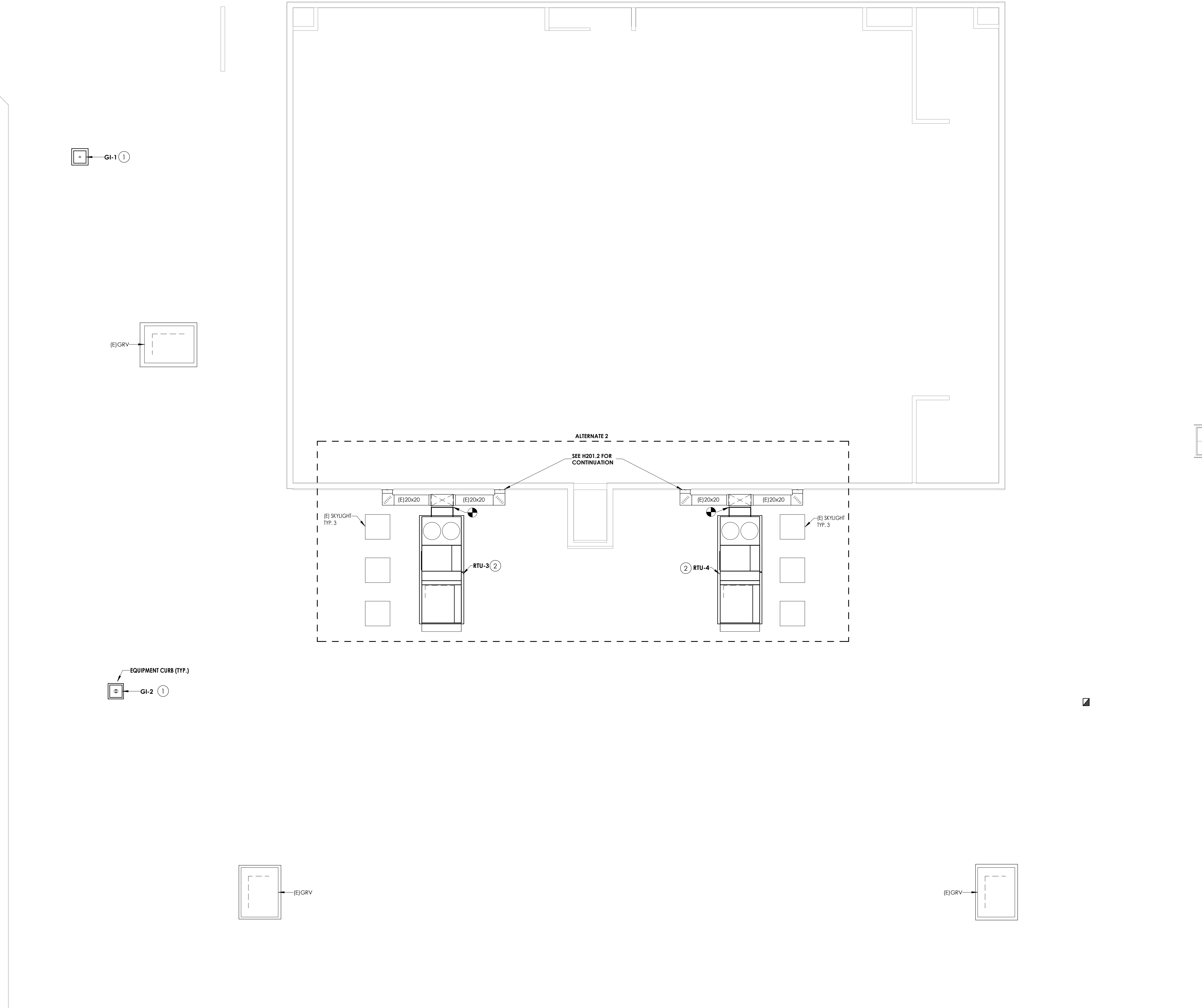


LICENSE EXPIRATION DATE: 03.28.2025

SHEET INFORMATION

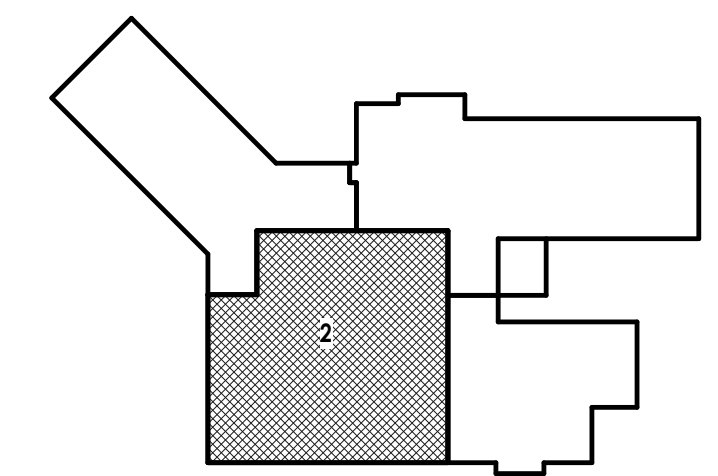
Issue: 03/05/2025
Scale: 1/8" = 1'-0"
Project Status: BID DOCUMENTS
Drawing Title: ROOF HVAC NEW WORK PLAN - AREA 2
Drawing Number: MB H202.2

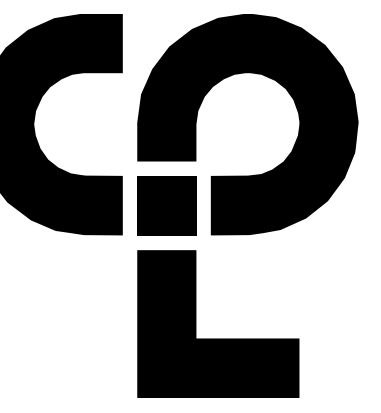
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1 ROOF HVAC NEW WORK PLAN - AREA 2
H202.2 1/8" = 1'-0"

KEY PLAN:





CPL | Architecture Engineering Planning
130 South Union Street Suite 4,
Olean, NY 14760
CPLteam.com

GENERAL NOTES

1. REFER TO DRAWING G-1000 FOR HVAC CONTRACTOR GENERAL CONDITIONS.
2. COORDINATE REGISTER, GRILLE AND DIFFUSER LOCATIONS WITH CEILING GRID AND LIGHTS.
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
4. UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.

KEY NOTES

1. PROVIDE NEW GRAVITY INTAKE AND CURB. MODIFY ROOFING AS NECESSARY WHILE MAINTAINING MANUFACTURER WARRANTIES TO ACCOMMODATE NEW INSTALLATION. PATCH AND SEAL AROUND THE FAN AND FINISHED OPENING WEATHER TIGHT.
2. PROVIDE NEW EXHAUST FAN AND CURB. MODIFY ROOFING AS NECESSARY WHILE MAINTAINING MANUFACTURER WARRANTIES TO ACCOMMODATE NEW INSTALLATION. PATCH AND SEAL AROUND THE FAN AND FINISHED OPENING WEATHER TIGHT.

PROJECT INFORMATION

Project Number
R22.15663.01
Client Name
BRADFORD CSD
Project Name
2023 CAPITAL IMPROVEMENT PROJECT
District Office Address
2820 NY 226, BRADFORD, NY 14815

NY 12 BID No.: 37-04-01-04-0-001-013
 MS GARAGE/MANANT FACILITY BID No.: 37-04-01-04-5-004-004
 STORAGE BUILDING'S BID No.: 37-04-01-04-0-001-001

PROJECT ISSUE & REVISION SCHEDULE

Rev	Date	Description
1	04/04/2025	BID ADDENDUM 4

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION LAW AND THE COMPASSIONATE CARE ACT REQUIRE ALL REGISTERED PROFESSIONALS TO COMPLETE CONTINUING EDUCATION CREDITS TO MAINTAIN THEIR LICENSES. THE STATE OF NEW YORK HAS A MANDATORY CONTINUING EDUCATION REQUIREMENT FOR ALL REGISTERED PROFESSIONALS. THE STATE OF NEW YORK HAS A MANDATORY CONTINUING EDUCATION REQUIREMENT FOR ALL REGISTERED PROFESSIONALS. THE STATE OF NEW YORK HAS A MANDATORY CONTINUING EDUCATION REQUIREMENT FOR ALL REGISTERED PROFESSIONALS.

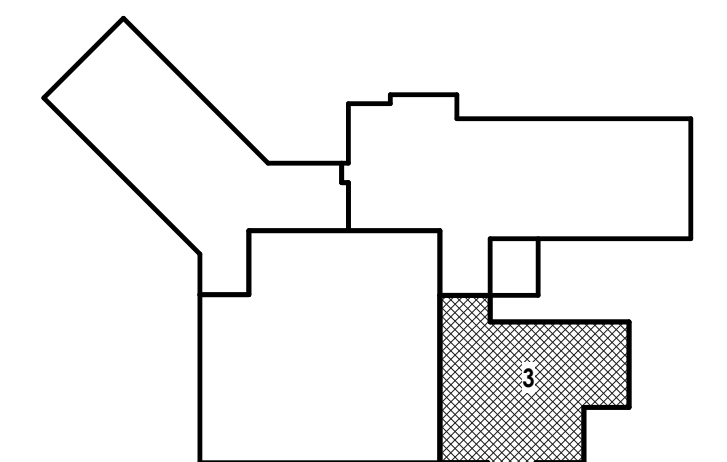
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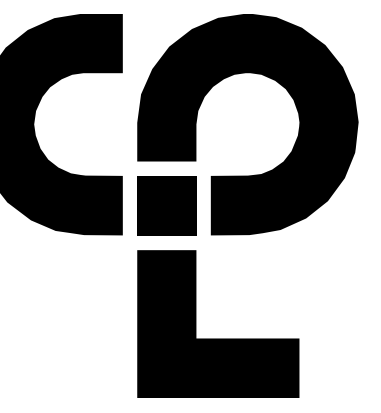
Issue: 03/05/2025 Scale: 1/8" = 1'-0"
 Project Status: BID DOCUMENTS
 Drawn By: CMG Checked By: DRH
 Drawing Title: ROOF HVAC NEW WORK PLAN - AREA 3
 Drawing Number: MB H202.3



1
H202.3
ROOF HVAC NEW WORK PLAN - AREA 3
1/8" = 1'-0"

KEY PLAN:





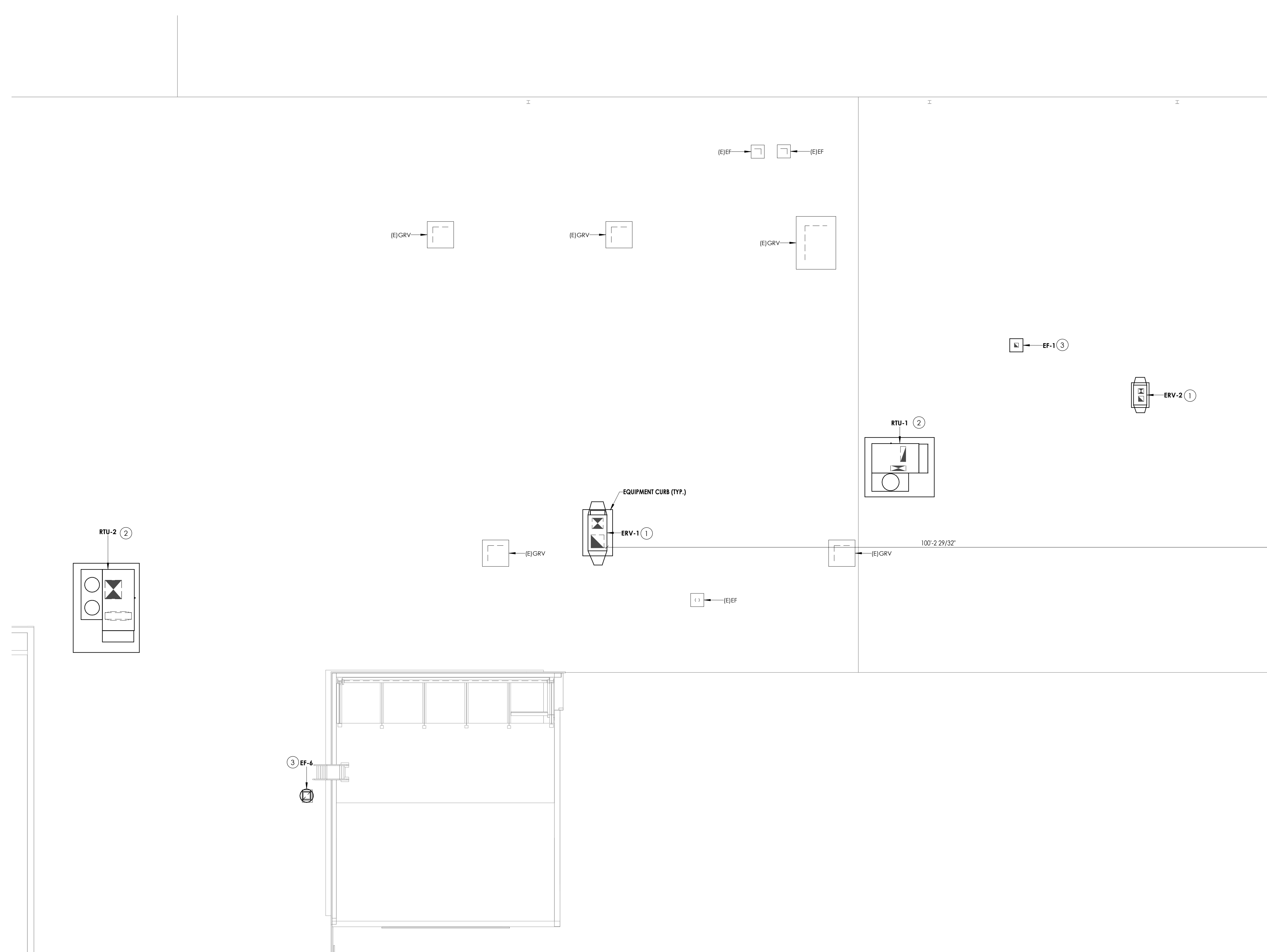
CPL | Architecture Engineering Planning
130 South Union Street Suite 4,
Olean, NY 14740
CPLteam.com

GENERAL NOTES

- REFER TO DRAWING G/H000 FOR HVAC CONTRACTOR GENERAL CONDITIONS.
- COORDINATE REGISTER, GRILLE, AND DIFFUSER LOCATIONS WITH CEILING GRID AND LIGHTS.
- COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
- UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.

KEY NOTES

- PROVIDE NEW ENERGY RECOVERY VENTILATOR (ERV). MAINTAIN MINIMUM 10 FEET SEPARATION BETWEEN ERV EXHAUST AIR OUTLET AND OUTSIDE AIR INLETS. MODIFY ROOF AS NECESSARY WHILE MAINTAINING ALL MANUFACTURER WARRANTIES TO ACCOMMODATE NEW INSTALLATION.
- CONTRACTOR SHALL COORDINATE WITH TRADES AND PROVIDE NEW ROOFTOP UNIT AND CURB. MAINTAIN ALL MANUFACTURER CLEARANCES. ROOFTOP UNIT FRESH AIR INTAKE MUST BE AT LEAST 10 FEET FROM EXISTING NEW ROOF DRAINS, PLUMBING VENTS, OR EXHAUST FANS. PROVIDE NEW ROOF OPENING. REFER TO DETAILS AND CONTROL SCHEMATICS. MODIFY ROOFING AS NECESSARY WHILE MAINTAINING ALL MANUFACTURER WARRANTIES TO ACCOMMODATE NEW ROOFTOP UNIT INSTALLATION.
- PROVIDE NEW EXHAUST FAN AND CURB. MODIFY ROOFING AS NECESSARY WHILE MAINTAINING MANUFACTURER WARRANTIES TO ACCOMMODATE NEW FAN INSTALLATION. PATCH AND SEAL AROUND THE FAN AND FINISHED OPENING WEATHER TIGHT.



1
H202.4
1/8" = 1'-0"

ROOF HVAC NEW WORK PLAN - AREA 4

PROJECT INFORMATION

Project Number: R22.15663.01
Client Name: BRADFORD CSD
Project Name: 2023 CAPITAL IMPROVEMENT PROJECT
District Office Address: 2820 NY 226, BRADFORD, NY 14815

11-12 BID No.: 37-0401-04-01-001-013
105 GARAGE/MANAGE. FACILITY SED No.: 37-04-01-04-5-004-004
105 GARAGE BUILDING'S SED No.: 37-04-04-04-001-001

PROJECT ISSUE & REVISION SCHEDULE

Rev	Date	Description
1	04/04/2025	BID ADDENDUM 4

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue: 03/05/2025
Scale: 1/8" = 1'-0"
Project Status: BID DOCUMENTS
Drawn By: CMG
Checked By: DRH
Drawing Title: ROOF HVAC NEW WORK PLAN - AREA 4
Drawing Number: MB H202.4

KEY PLAN:

