ADDENDUM No. 06

1.1 PROJECT INFORMATION

A. Project Name: 2024 CAPITAL PROJECT PHASE 1.

B. Building(s): MAIN BUILDING

C. Owner: AFTON CENTRAL SCHOOL DISTRICT.

D. Architect: HIGHLAND ASSOCIATES.

E. Architect Project Number: 2025-005P.

F. Construction Manager: SCHOOLHOUSE CONSTRUCTION SERVICES.

G. Date of Addendum: DECEMEBER 17, 2025.

1.2 NOTICE TO BIDDERS

A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

C. The date for receipt of bids is unchanged by this Addendum.

1. Bid Date: DECEMBER 22, 2025, at same time and location.

1.3 RFI QUESTIONS / RESPONSES

A. Responses to RFIs are attached herewith and are a part of the contract documents.

1. Specifications and Drawings requiring revisions shall be revised accordingly and issued with this addendum.

1.4 ATTACHMENTS

A. This Addendum includes the following attached Documents and Specification Sections:

1. Specification Section 075200 Modified Bituminous Membrane Roofing – Hot Applied, dated 12/17/2025, (new).

B. This Addendum includes the following attached sheets:

1. Architectural Sheet A-100 Ground Floor Composite Plan (Part A/B), dated 12/17/2025, (re-issued).
2. Architectural Sheet A-104 First Floor Composite Plan (Part C/D), dated 12/17/2025, (re-issued).
3. Architectural Sheet A-108 Roof Composite Plan (Part A), dated 12/17/2025, (re-issued).
4. Architectural Sheet A-402 Agriculture Lab/CTE Enlarged Demo Plan, Reno Plan, & RCP, dated 12/17/2025, (re-issued).
5. Architectural Sheet A-403 IT Center & E-Sports Enlarged Demo Plan, Reno Plan, & RCP, dated 12/17/2025, (re-issued).
6. Architectural Sheet A-701 Finish Schedule, Legend, & Notes, dated 12/17/2025, (re-issued).

1.5 REVISIONS TO SPECIFICATIONS:

A. Specification Section 011000 Summary (not re-issued): Delete line item 1.4 A.4. Masonry restoration work is deleted from the scope.

B. Specification Section 011200 Multiple Contract Summary (not re-issued): Revise paragraph 1.11 A.1.t to read:

Interior finishes, finish carpentry, architectural woodwork, built in casework, wall, floor, base and ceiling finishes, designated FF&E, wall mirrors, benches, lockers, grab bars, toilet partitions and toilet and shower accessories. Blocking for all contractor supplied and Owner supplied equipment. ~~Remove, clean and reinstall existing relief grilles to remain in ceilings being removed and replaced~~.

C. Specification Section 085113 Aluminum Windows: Add the following:

All exterior aluminum windows shall be provided with integral venetian blinds.

1. *5/8" wide aluminum slat blinds. Blind color shall be specified from standard color chart.*
2. *Blind to be integrally mounted between the existing glass and interior glazing.*
3. *Removable tilt-control knob will be located on the operable face and incorporate a "slip clutch" feature.*
4. *Raise and lower pull cords will be located between glass for access only when glazed access panel is opened.*

D. Specification Section 230719 HVAC Piping Insulation (not re-issued): Revise paragraph 2.2 to read:

A. *Type A: Glass fiber insulation; ANSI/ASTM C547; "k" value of 0.24 at 75 degrees F; noncombustible.*

B. Type B: Hydrous calcium silicate; ANSI/ASTM C533; rigid white; asbestos free; "k" value of 0.44 at 300 degrees F, 15 pcf. Rated to 1200 degrees as per ASTM C411, Manville Thermo 12/Gold.

C. Type C: Elastomeric rubber; ANSI/ASTM C534; rigid closed cell; maximum water vapor transmission rating of 0.01 perms; "k" value 0.25 at 75 degrees F. Armacell AP/Armaflex as Basis of Design.

D. Type D: Rigid closed cell; all glass structure; ANSI/ASTM C552; "k" value of .35 at 75 degrees F; maximum water vapor transmission rating of .0005 perms; non-combustible; 8.5 pcf density. Pittsburgh Corning Foamglass.

1.6 REVISIONS TO DRAWINGS:

A. Architectural Sheet A-504, (not reissued).

1. Equipment Item No. 09 CNC Mill: Add to Remarks, “Provide Premium package.”

END OF ADDENDUM No. 06

Pre-Bid RFIs shall be submitted to:
Melisa Secord melisa.secord@schoolhouse.construction and
Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

RFI 20

(Please Type or Print Neatly)

Date: 12/3/25

Company: Andrew R. Mancini Associates **Name:**

Phone #: 607.754.7070 **E-mail:** joe@armoggi.cor

Contract(s) bidding on: general construction

Drawing Referenced:

Spec Section Referenced:

Other References:

REQUEST:
1. In the spec book there is a spec section 010120 - maintenance of unit masonry. Summary lists the work repointing & cleaning. Nothing is shown for any exterrior or interior work in the dwgs. What is the extent of t
2. Is there a spec for the roofing work added by addendum?
3. Is there a spec for the motorized shade at the Learning Commons?

ANSWER:

1. Masonry repair work is deleted from the scope.
2. Extent of roofing work is shown on A-108 and issued with this Addendum. Specification Section 075200 is issued with this addendum.
3. Motorized shade specification was issued with Addendum #05.

Answered By: Cheryl Zondlo, Highland Assoc. **Date:** 12-17-2025

Pre-Bid RFIs shall be submitted to:
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Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12/5/25

Company: W&D Smith and Sons Construction **Name:** Gavin McMillan

Phone #: 607-692-4204 **E-mail:** gavinm@smithsitedev.com

Contract(s) bidding on: General Construction

Drawing Referenced:

Spec Section Referenced:

Other References:

REQUEST:

1) Please provide further clarification to responsibility for ceiling removals and replacement where ceiling removals are not indicated on the demolition plans and new ceilings are not indicated on the RCP's. Spec Section 011000 Summary (1.10.E and 1.11.B.1.p) is an example of contradiction of responsibility.
2) Similar to above within the same spec section 011000 - there's one part (1.11.A.1.t) that reads the General is responsible for cleaning relief grilles that are to remain in ceilings being removed and replaced and another (1.11.B.1.k) that reads the HVAC contractor is responsible for this task. Please clarify.
3) Please provide further clarification - a section of how the ceiling system at the Agriculture Lab 034 / Welding 034E is to be provided. Drawing A-402 Construction Key Note 5 reads to provide additonal 2 hour spray fireproofing on all steel beams, columns, and decking. Key Note 8 reads for the acoustical ceiling panels to be direct attached to the deck with 1x furring, etc. This is not very clear. Please provide a section detailing expectations.

ANSWER:

1) Clarification: The General Contractor is responsible to remove and reinstall existing ACT systems for mechanical duct work. For above ceiling work such as piping, wiring, conduit, etc. the Prime Contractor performing the work is responsible for ceiling removal. Therefore the Mechanical Contractor shall remove existing ceilings for their piping work. Revised A-101 and A-104 are issued with this addendum showing the the extent of the General Contractor's work for existing ceiling's to remain.

2) Clarification: The Mechanical Contractor shall be responsible for cleaning existing HVAC components per Section 011200. 1.11.B.1. See Addendum 06 Narrative for clarification.

3) The acoustical sound panels are revised to suspended mounting in lieu of direct attach to deck. Revised A-401 and A-701 are issued with this addendum.

Answered By: Cheryl Zondlo, Highland Assoc. **Date:** 12-17-2025

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Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12/5/25

Company: W&D Smith and Sons Construction **Name:** Gavin McMillan

Phone #: 607-692-4204 **E-mail:** gavinm@smithsitedev.com

Contract(s) bidding on: General Construction

Drawing Referenced:

Spec Section Referenced:

Other References:

REQUEST:

1) Referencing drawing A-701, under the room finish Legend there's WPP-1(metal sheet wall protection). The Room Finish Schedule does not identify this product being used. Please advise where it is to be placed with extent to determine quantity required.

ANSWER:

1) Wall protection WPP-1 is deleted from room finishes. Revised A-701 is issued herewith.

Answered By: Cheryl Zondlo, Highland Assoc. **Date:** 12-17-2025

RFI #016

Pre-Bid RFIs shall be submitted to:
Melisa Secord melisa.secord@schoolhouse.construction and
Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12-15-25

Company: W&D Smith and Sons Construction **Name:** Gavin McMillan

Phone #: 607-692-4204 **E-mail:** gavinm@smithsitedev.com

Contract(s) bidding on: General Construction

Drawing Referenced:

Spec Section Referenced:

Other References:

REQUEST:

1) Referencing drawing A-404 from Addendum No. 3, it indicates the new motorized basketball backstops will be furnished and installed by Owner under separate contract. Please confirm the removal and disposal of the existing basketball backstops is also part of the separate contract. Thank you.

ANSWER:

The existing basketball backstops scheduled to be replaced under separate contract shall be removed by the General Contractor including required patching.

Answered By: Cheryl Zondlo **Date:** 12/17/2025

RFI #017

Pre-Bid RFIs shall be submitted to:
Melisa Secord melisa.secord@schoolhouse.construction and
Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12-15-25

Company: W&D Smith and Sons Construction **Name:** Gavin McMillan

Phone #: 607-692-4204 **E-mail:** gavinm@smithsitedev.com

Contract(s) bidding on: General Construction

Drawing Referenced:

Spec Section Referenced:

Other References:

REQUEST:

1) Requesting verification no hazardous material abatement will be necessary nor is anticipated for this project. Thank you.

ANSWER:

Abatement is anticipated in IT Room 138 on the wall adjacent to the corridor. Scope of work will be for abatement will be provided to the General Contractor. There is an allowance alloted for the abatement work.

Answered By: Cheryl Zondlo, Highland Assoc. **Date:** 12-17-2025

Pre-Bid RFIs shall be submitted to:
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Cheryl Zondlo czondlo@ha-pa.com
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Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12/17/25

Company: W&D Smith and Sons Construction **Name:** Gavin McMillan

Phone #: 607-692-4204 **E-mail:** gavinm@smithsitedev.com

Contract(s) bidding on:

Drawing Referenced: General Construction

Spec Section Referenced:

Other References:

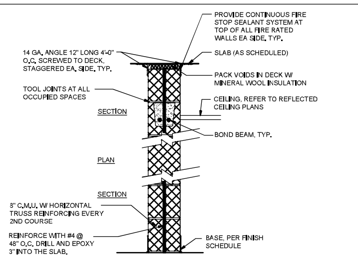
REQUEST:
1) See attached lintel question

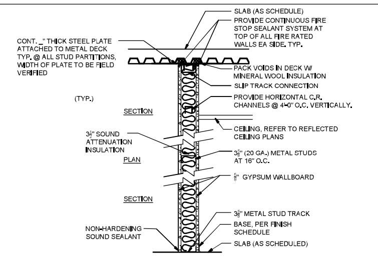
ANSWER:

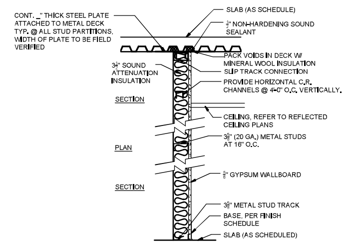
At Doors 034B and 034C, wall shall be fire rated drywall and metal stud partition.
Revised A-402 is issued herewith.

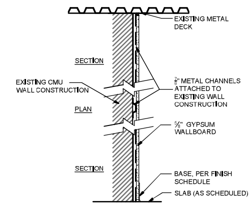
Answered By: Cheryl Zondlo, Highland Assoc. **Date:** 12-17-2025

WALL TYPES









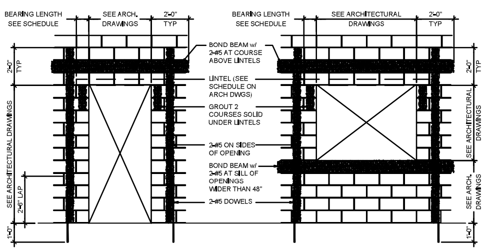
TYPE 1 — 7⅝" C.M.U. PARTITION	FIRE RATING	DESIGN NO.	DESIGN STC
◇1 8" LIGHT WEIGHT BLOCK PARTITION.	-	-	-
◇1A 8" LIGHT WEIGHT BLOCK PARTITION.	2 HOUR	U.L. U905.	-
◇1B 8" LIGHT WEIGHT BLOCK PARTITION.	1 HOUR	U.L. U905.	-
◇1C 4" LIGHT WEIGHT BLOCK AROUND COLUMN.	-	-	-
◇1D 12" LIGHT WEIGHT BLOCK PARTITION.	2 HOUR	U.L. U905.	-

TYPE 2 — 4⅞" PARTITION	FIRE RATING	DESIGN NO.	DESIGN STC
◇2 PARTITION WITH 3⅝" METAL STUD AND ⅝" DRYWALL EACH SIDE w/ 3½" SOUND ATTENUATION INSULATION DRYWALL FROM FINISHED FLOOR TO DECK.	-	-	-
◇2A PARTITION WITH 3⅝" METAL STUD AND ⅝" DRYWALL EACH SIDE WITH NO INSULATION. DRYWALL FROM FINISHED FLOOR TO DECK.	-	-	-
◇2B PARTITION WITH 3⅝" METAL STUD AND ⅝" DRYWALL EACH SIDE WITH INSULATION. RUN DRYWALL FROM FINISHED FLOOR TO DECK.	1 HOUR	U.L. U465.	

TYPE 3 — 4¼" PARTITION	FIRE RATING	DESIGN NO.	DESIGN STC
◇3 PARTITION W/ NO INSULATION. RUN GYPSUM BOARD FROM FINISHED FLOOR 6" ABOVE CEILING.	-	-	-
◇3A PARTITION W/ INSULATION. RUN GYPSUM BOARD FROM FINISHED FLOOR TO DECK ABOVE.	-	-	-

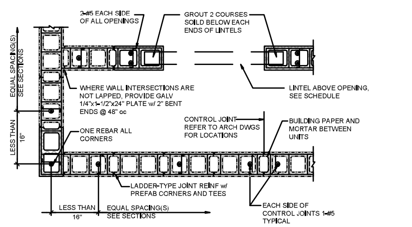
TYPE 4 — 1½" PARTITION	FIRE RATING	DESIGN NO.	DESIGN STC
◇4 ⅞" METAL CHANNEL AND ⅝" DRYWALL. DRYWALL TO EXTEND FROM FINISHED FLOOR TO DECK.	-	-	-

NOTE: ALL GYPSUM WALLBOARD SHALL BE IMPACT RESISTANT TYPE GYPSUM WALLBOARD.



TYPICAL MASONRY WALL OPENING DETAIL

NOT TO SCALE (32)



TYPICAL MASONRY WALL REINFG. SCHEMATIC

NOT TO SCALE (16)

1. USE REBAR POSITIONERS FOR ALL BARS
2. ALL REBAR TO BE SET IN 2000 PSI GROUT

GENERAL NOTES (MASONRY)

1. MASONRY WALLS HAVE BEEN DESIGNED AND SHALL BE CONSTRUCTED TO HAVE A STRENGTH OF f'm = 1500 PSI.
2. CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT (130 PCF) ASTM C90 WITH AN AVERAGE NET COMPRESSIVE STRENGTH OF 1900 PSI. MINIMUM FACE SHELL THICKNESS FOR 12" CMU SHALL BE 1.25".
3. PROVIDE SPECIAL SHAPES (CORNER, END, CONTROL JOINT, RADIUSED EDGE, DOUBLE OPEN END, ETC.) AS DETAILED ON DRAWINGS.
4. MORTAR SHALL BE ASTM C270. ALL CMU MASONRY SHALL BE LAID IN A FULL BED OF MORTAR (INCLUDING ALL WEBS)
   - ALL FOUNDATION AND RETAINING WALLS — TYPE M — 2500 PSI
   - ALL ABOVE GRADE EXTERIOR WALLS — TYPE S — 1800 PSI
   - ABOVE GRADE VENEER — TYPE N — 750 PSI
5. GROUT SHALL CONFORM TO ASTM C476. GROUT SHALL HAVE A COMPRESSIVE STRENGTH OF 2000 PSI AND CONTAIN PEA GRAVEL AGGREGATE. GROUTING OF MASONRY w/ VERTICAL REINFORCEMENT SHALL BE PERFORMED IN 48" LIFT HEIGHTS (MAXIMUM) UNLESS CONTRACTOR CAN DEMONSTRATE EXPERIENCE WITH HIGH-LIFT GROUTING. HIGH LIFT GROUTING WOULD INVOLVE CREATING OUTLET HOLES AT THE BOTTOM OF EVERY VERTICAL GROUT COLUMN AND PUMPING GROUT CONTAINING "GLENIUM" FROM TOP OF WALL UNTIL GROUT FLOWS OUT OF BOTTOM OUTLET HOLE. HIGH LIFT MUST BE CONTINUOUSLY INSPECTED.
6. REFER TO ARCHITECTURAL ELEVATIONS FOR SURFACE TEXTURE AND COLOR OF UNITS AND MORTAR.
7. VERTICAL REINFORCING SHALL BE ASTM A615 GRADE 60 NEW REINFORCING. VERTICAL REINFORCING TO BE WELDED SHALL BE ASTM A706. USE 9 GAUGE GALVANIZED REBAR POSITIONERS BY WIRE BOND OR EQUAL IN EVERY FIFTH COURSE. GROUT ALL CELLS WITH VERTICAL REINFORCEMENT SOLID. LAP BARS 30". PROVIDE DOWELS INTO FOOTINGS FOR ALL VERTICAL BARS IN NEW CONSTRUCTION AND DRILL AND EPOXY 12" INTO EXISTING CONSTRUCTION.
8. HORIZONTAL REINFORCMENT SHALLBE 9 GAUGE HOT-DIP GALVANIZED LADDER-TYPE CONFORMING TO ASTM A951, AT 16" O.C. ABOVE GRADE. PROVIDE PREFABRICATED TEES AND CORNERS.
9. BOND BEAMS SHALL BE CONTINUOUS AND SHALL HAVE CORNER BARS AT INTERSECTIONS. REFER TO STRUCTURAL AND ARCHITECTURAL SECTIONS FOR LOCATIONS.
10. REFER TO ARCHITECTURAL DRAWINGS FOR LINTEL SCHEDULE.

M.O. width at Door 034B is 18'-5". It is exposed so must be masonry per the * note.
M.O. width at Door 034C is 8'-3¾". Also exposed so must be masonry.

Per the CMU schedule below, there is no design for either of the above.

LINTEL SCHEDULES

C.M.U. LINTELS

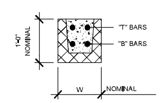
M.O.	W (IN.)	D (IN.)	"B" BARS	"T" BARS	MIN. BEARING EACH END (IN.)
3'-0"	6	8	1-#3	-	8
3'-0"	8	8	2-#3	-	8
3'-0"	12	8	2-#4	-	8
4'-0"	6	8	1-#3	-	8
4'-0"	8	8	2-#3	-	8
4'-0"	12	8	2-#4	-	8
5'-0"	6	8	1-#5	-	8
5'-0"	8	8	2-#4	-	8
5'-0"	12	8	2-#5	-	8
6'-0"	6	16	1-#4	-	8
6'-0"	8	8	2-#6	-	8
6'-0"	12	8	2-#7	-	8
6'-0"	12	16	2-#4	-	8
7'-0"	6	16	1-#4	-	8
7'-0"	8	16	2-#4	-	8
7'-0"	12	16	2-#5	-	8
8'-0"	6	16	1-#5	-	8
8'-0"	8	16	2-#5	-	8
8'-0"	12	16	2-#6	-	8

PRECAST LINTELS

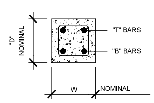
M.O.	W (IN.)	D (IN.)	"B" BARS	"T" BARS	STIRRUPS	MIN. BEARING EACH END (IN.)
UP TO 4'-0"	8	8	2-#4	2-#4	-	8
UP TO 4'-0"	12	8	2-#4	2-#4	-	8
4'-0" TO 5'-0"	8	8	2-#4	2-#4	-	8
4'-0" TO 5'-0"	12	8	2-#4	2-#4	-	8
5'-0" TO 6'-0"	8	8	2-#4	2-#4	-	8
5'-0" TO 6'-0"	12	8	2-#5	2-#5	-	8
6'-0" TO 7'-0"	8	8	2-#4	2-#4	-	8
6'-0" TO 7'-0"	12	8	2-#5	2-#5	-	8
7'-0" TO 8'-0"	8	16	2-#5	2-#5	-	8
7'-0" TO 8'-0"	12	16	3-#5	3-#5	-	8
8'-0" TO 9'-0"	8	16	2-#5	2-#5	-	10
8'-0" TO 9'-0"	12	16	3-#5	3-#5	-	10
9'-0" TO 10'-0"	8	16	2-#6	2-#6	#3@6 1/2"	10
9'-0" TO 10'-0"	12	16	3-#6	3-#6	-	10
10'-0" TO 11'-0"	8	16	2-#6	2-#6	#3@6 1/2"	12
10'-0" TO 11'-0"	12	16	3-#6	3-#6	-	12
11'-0" TO 12'-0"	8	16	2-#6	2-#6	#3@6 1/2"	12
11'-0" TO 12'-0"	12	16	3-#6	3-#6	-	12

STEEL LINTELS

MASONRY OPN'G	8" C.M.U.	12" C.M.U.	MIN. BRG. EA. END
UP TO 3'-6"	2LS 3 1/2x3 1/2x5/16	3LS 3 1/2x3 1/2x5/16	8"
3'-7" TO 4'-6"	2LS 3 1/2x3 1/2x5/16	3LS 3 1/2x3 1/2x5/16	8"
4'-7" TO 5'-6"	2LS 5x3 1/2x5/16 LLV	3LS 5x3 1/2x5/16 LLV	8"
5'-7" TO 6'-6"	2LS 6x3 1/2x5/16 LLV	3LS 6x3 1/2x5/16 LLV	8"
6'-7" TO 7'-6"	2LS 6x3 1/2x3/8" LLV	3LS 6x3 1/2x3/8" LLV	8"
7'-7" TO 8'-6"	W 8x10+5/16 BOTT. PL.	W 8x10+5/16 BOTT. PL.	8"
8'-7" TO 9'-6"	W 8x10+5/16 BOTT. PL.	W 8x10+5/16 BOTT. PL.	10"
9'-7" TO 10'-6"	W 8x13+5/16 BOTT. PL.	W 8x13+5/16 BOTT. PL.	10"
10'-7" TO 11'-6"	W 8x13+5/16 BOTT. PL.	W 8x13+5/16 BOTT. PL.	12"
11'-7" TO 12'-6"	W 8x13+5/16 BOTT. PL.	W 8x15+5/16 BOTT. PL.	12"
12'-7" TO 13'-6"	W 8x13+5/16 BOTT. PL.	W 8x15+5/16 BOTT. PL.	13"
13'-7" TO 14'-6"	W 10x15+5/16 BOTT. PL.	W 10x19+5/16 BOTT. PL.	14"



C.M.U.

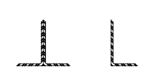


PRECAST

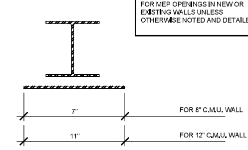
NOTE: ALL NEW EXTERIOR STEEL LINTELS TO BE GALVANIZED & NOT TO BE CUT IN FIELD (TYP.)

NOTE: LINTEL SCHEDULE IS TO BE USED FOR MEP OPENINGS IN NEW OR EXISTING WALLS UNLESS OTHERWISE NOTED AND DETAILED

* ALL EXPOSED LINTELS TO BE MASONRY. IF STEEL LINTELS ARE TO BE USED THEY MUST BE ABOVE THE CEILING. (TYP.)



ANGLE LINTEL DETAIL

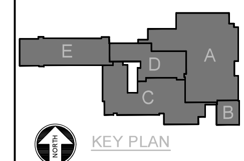


BEAM/BOTT. PL. LINTEL DETAIL

EXTEND BOTT. PL. INTO BEARING AREA

HIGHLAND ASSOCIATES
architecture | engineering | interior design
102 Highland Avenue
Clarks Summit, PA 18411
570-586-4334
www.highlandassociates.com
New York • Pennsylvania

REVISION NO:



KEY PLAN

BID DOCUMENTS
SED # 08-01-01-04-0-001-019

PROJECT TITLE:

Afton Central School District
29 Academy St, Afton, NY 13730

2024 Capital Project
Phase 1

SEALS:

DRAWING TITLE:
WALL TYPES, DETAILS, AND LINTEL SCHEDULE

DRAWN BY:	CHECKED BY:
A.L. / T.M.	C.Z.
DATE: 11/10/2025	PROJECT NO: 2025-005

DRAWING NO: G-003

CAD FILE: | PLOT DATE:

Pre-Bid RFIs shall be submitted to:
Melisa Secord melisa.secord@schoolhouse.construction and
Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: December 1, 2025

Company: C&K Insulation, Inc **Name:** Matt LaMere

Phone #: 607-770-6112 **E-mail:** matt@ckinsulation.com

Contract(s) bidding on: Afton CSD

Drawing Referenced:

Spec Section Referenced: 23 07 19

Other References:

REQUEST:
Page 2 shows 2 types of insulationA & B.
On page 4 you show A-D
What are C&D insulation types?

ANSWER:
A.Type A: Glass fiber insulation; ANSI/ASTM C547; "k" value of 0.24 at 75 degrees F; noncombustible.
B.Type B: Hydrous calcium silicate; ANSI/ASTM C533; rigid white; asbestos free; "k" value of 0.44 at 300 degrees F, 15 pcf. Rated to 1200 degrees as per ASTM C411, Manville Thermo 12/Gold.
C.Type C: Elastomeric rubber; ANSI/ASTM C534; rigid closed cell; maximum water vapor transmission rating of 0.01 perms; "k" value 0.25 at 75 degrees F. Armacell AP/Armaflex as Basis of Design.
D.Type D: Rigid closed cell; all glass structure; ANSI/ASTM C552; "k" value of .35 at 75 degrees F; maximum water vapor transmission rating of .0005 perms; non-combustible; 8.5 pcf density. Pittsburgh Corning Foamglass.

Answered By: Manish Patel, Highland Associates **Date:** 12-18-25

Pre-Bid RFIs shall be submitted to:
Melisa Secord melisa.secord@schoolhouse.construction and
Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12/2/2025

Company: Matco Electric Corporation **Name:** Alex Freije

Phone #: 607-429-4921 **E-mail:** afreije@matcoelectric.com

Contract(s) bidding on: Electrical

Drawing Referenced: E-200

Spec Section Referenced:

Other References:

REQUEST:

Note 9 indicates for the EC to provide alternate pricing for cutting and patching existing masonry wall. There is no Alternate on the bid form for this pricing.

ANSWER:

Delete alternate pricing for EC cutting and patching existing masonry.

Answered By: Cheryl Zondlo, Highland Assoc. **Date:** 12-17-2025

Pre-Bid RFIs shall be submitted to:
Melisa Secord melissa.secord@schoolhouse.construction and
Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12/9/2025

Company: Streeter **Name:** Jason

Phone #: 607-857-9412 **E-mail:**

Contract(s) bidding on: 12/15/2025

Drawing Referenced: A402 Welding rm. Ag. lab

Spec Section Referenced:

Other References:

REQUEST: Can you give a better detail on how fire proof, 1" furring strips, 3lb. Density, fiberglass, acoustic ceiling panels and light go together in ceiling at Ag Lab.

ANSWER:

The acoustical sound panels are revised to suspended mounting in lieu of direct attach to deck. The hexagon acoustical ceiling panels are part of the lighting fixture and will be provided by the Electrical Contractor. Revised A-401 and A-701 are issued with this addendum.

Refer also to Specification Section 078100 SAFRM, PART 3 Execution.

Answered By: Cheryl Zondlo **Date:** 12/17/2025

Pre-Bid RFIs shall be submitted to:
Melisa Secord melis[illegible]ecord@schoolhouse.construction and
Cheryl Zondlo ezond[illegible]@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12/11/2025

Company: Streeter **Name:** Jason

Phone #: 607-857-7412 **E-mail:** JFissel@streeterassociates.com

Contract(s) bidding on: 12/15/2025

Drawing Referenced:

Spec Section Referenced:

Other References:

REQUEST: There is a fire extinguisher spec. We can't seem to quantify them on dwgs.

ANSWER:
Provide fire extinguisher in cabinet in the Welding Lab.

Answered By: Cheryl Zondlo **Date:** 12/17/2025

Pre-Bid RFIs shall be submitted to:
Melisa Secord melisa.secord@schoolhouse.construction and
Cheryl Zondlo czondlo@ha-pa.com
Subject line of email to include: Afton CSD Capital Project Pre-Bid RFI
Cut off for submitting Pre-Bid RFIs is {DATE} at {TIME}

Highland Associates / Schoolhouse Construction Services

CONTRACTOR PRE-BID RFI FORM

(Please Type or Print Neatly)

Date: 12/12/25

Company: A. Treffeisen & Sons LLC **Name:** Lisa Kause

Phone #: 607-432-1655 **E-mail:** lisas@atreffeisenandson.com

Contract(s) bidding on: Plumbing

Drawing Referenced: P-400

Spec Section Referenced:

Other References:

REQUEST:

Drawing P-400, which came out in Addenda 1 they are replacing surface mounted shower units (Type P) in the drying rooms. They don't show the quantities and it says to verify the quantities. Please provide the quantities

ANSWER:

Total quantity of shower units for boys and girls locker room is twelve (12).

Answered By: Cheryl Zondlo, Highland Assoc. **Date:** 12-17-2025

SECTION 07 52 00 - MODIFIED BITUMINOUS MEMBRANE ROOFING -HOT APPLIED

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes modified bituminous roofing system.

B. Roof Insulation

C. Accessories

D. Roof Penetration Flashing.

1.2 REFERENCES

A. American Society of Civil Engineers (ASCE):

1. ASCE 7-05, Minimum Design Loads for Buildings and Other Structures.

B. American Society for Testing and Materials (ASTM):

1. ASTM D41 Standard Specification for Asphalt Primer Used in Roofing, Dampproofing and Waterproofing.
2. ASTM D312, Type III “Steep” Standard Specification for Asphalt Used in Roofing.
3. ASTM D1079 Standard Terminology Relating to Roofing, Waterproofing and Bituminous Materials.
4. ASTM D1863 Standard Specification for Mineral Aggregate Used as a Protective Coating for Roofing.
5. ASTM D2178 Standard Specification for Asphalt Glass Felt Used as a Protective Coating for Roofing.
6. ASTM D4586 Standard Specification for Asphalt Roof Cement.
7. ASTM D2824 Standard Specification for Aluminum-Pigmented Asphalt Roof Coating.
8. ASTM D5147 Standard Test Method for Sampling and Testing Modified Bituminous Sheet Materials.
9. ASTM D6162 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements.
10. ASTM D6163 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements.
11. ASTM E108 Standard Test Methods for Fire Test of Roof Coverings.

C. Factory Mutual Research (FM):

1. Roof Assembly Classifications. FM Global 1-90a.

D. National Roofing Contractors Association (NRCA):

1. Roofing and Waterproofing Manual.

E. Underwriters Laboratories, Inc. (UL):

1. Fire Hazard Classifications.

F. Warnock Hersey (WH):

1. Fire Hazard Classifications.

G. American National Standards Institute and Single Ply Roofing Institute (ANSI/SPRI)

1. ANSI/SPRI ES-1 Testing and Certification Listing of Shop Fabricated Edge Metal

1.3 SUBMITTALS FOR REVIEW

A. Product Data: Provide manufacturer's technical product data for each type of roofing product specified. Include data substantiating that materials comply with specified requirements.

B. Samples: Submit two (2) samples of the following:

1. 1 lb. sample of roofing aggregate for review.

C. Specimen Warranty: Provide an unexecuted copy of the warranty specified for this Project, identifying the terms and conditions required of the Manufacturer and the Owner.

D. Any material submitted as equal to the specified material must be accompanied by a report signed and sealed by a professional engineer licensed in the state in which the installation is to take place. This report shall show that the submitted equal meets the Design and Performance criteria in this specification. Substitution requests submitted without licensed engineer approval will be rejected for non-conformance.

1.4 SUBMITTALS FOR INFORMATION

A. Manufacturer's Installation Instructions: Submit installation instructions and recommendations indicating special precautions required for installing the membrane.

B. Manufacturer's Certificate: Certify that roof system furnished is approved by Factory Mutual, Underwriters Laboratories, Warnock Hersey or approved third party testing facility in accordance with ASTM E108, Class A for external fire and meets local or nationally recognized building codes.

C. Manufacturer's Certificate: Certify that the roof system is adhered properly to meet or exceed the requirements of FM [1-90].

D. Manufacturer's Certificate: Certify that the roof system furnished is approved or accepted by Factory Mutual Approval Standard 4470.

E. Manufacturer's Certificate: Certify that materials are manufactured in the United States and conform to requirements specified herein, are chemically and physically compatible with each other, and are suitable for inclusion within the total roof system specified herein.

F. Manufacturer's Certificate: Submit a certified copy of the roofing manufacturer's ISO 9001 compliance certificate.

G. Test Reports: Submit test reports, prepared by an independent testing agency, for all modified bituminous sheet roofing, indicating compliance with ASTM D5147.

H. Written certification from the roofing system manufacturer certifying the applicator is currently authorized for the installation of the specified roof system.

I. Design Loads: Submit copy of manufacturer's minimum design load calculations according to ASCE 7-05, Method 2 for Components and Cladding, sealed by a registered professional engineer. In no case shall the design loads be taken to be less than those detailed in Design and Performance Criteria article of this specification.

J. Qualification data for firms and individuals identified in Quality Assurance Article below.

K. Test Reports: Submit third party validation of environmental claims, prepared UL Environment, and for all modified bituminous sheet material containing recycled content and/or bio based content.

1.5 CONTRACT CLOSEOUT SUBMITTALS

A. General: Comply with Requirements of Division 01 Section - Closeout Submittals.

B. Special Project Warranty: Provide specified warranty for the Project, executed by the authorized agent of the Manufacturer.

C. Roofing Maintenance Instructions. Provide a manual of manufacturer's recommendations for maintenance of installed roofing systems.

D. Insurance Certification: Assist Owner in preparation and submittal of roof installation acceptance certification as may be necessary in connection with fire and extended coverage insurance on roofing and associated work.

E. Demonstration and Training Schedule: Provide a schedule of proposed dates and times for instruction of Owner's personnel in the maintenance requirements for completed roofing work. Refer to Part 3 for additional requirements.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this Section with not less than 12 years documented experience and have ISO 9001 certification.

B. Installer Qualifications: Company specializing in modified bituminous roofing installation with not less than 5 years' experience and authorized by roofing system manufacturer as qualified to install manufacturer's roofing materials.

C. Installer's Field Supervision: Maintain a full-time Supervisor/Foreman on job site during all phases of roofing work while roofing work is in progress. Maintain proper supervision of workmen.

D. Maintain a copy of the Contract Documents in the possession of the Supervisor/Foreman and on the roof at all times.

E. Source Limitations: Obtain all components of roof system from a single manufacturer. Secondary products that are required shall be recommended and approved in writing by the roofing system Manufacturer.

1. Upon request of the Owner, submit Manufacturer's written approval of secondary components in list form, signed by an authorized agent of the Manufacturer.

F. Source Quality Control: Manufacturer shall have in place a documented, standardized quality control program such as ISO-9001.

1.7 PRE-INSTALLATION CONFERENCE

A. Pre-Installation Roofing Conference: Convene a pre-roofing conference approximately two (2) weeks before scheduled commencement of modified bituminous roofing system installation and associated work.

B. Require attendance of installer of each component of associated work, installers of deck or substrate construction to receive roofing work, installers of rooftop units and other work in and around roofing that must precede or follow roofing work (including mechanical work if any), Architect, Owner, roofing system manufacturer's representative, and other representatives directly concerned with performance of the Work, including (where applicable) Owner's insurers, testing agencies and governing authorities. Objectives of conference include:

1. Review foreseeable methods and procedures related to roofing work, including set up and mobilization areas for stored material and work area.
2. Tour representative areas of roofing substrates (decks), inspect and discuss condition of substrate, roof drains, curbs, penetrations and other preparatory work performed by others.
3. Review structural loading limitations of deck and inspect deck for loss of flatness and for required attachment.
4. Review roofing system requirements (drawings, specifications and other contract documents).
5. Review required submittals both completed and yet to be completed.
6. Review and finalize construction schedule related to roofing work and verify availability of materials, installer's personnel, equipment and facilities needed to make progress and avoid delays.
7. Review required inspection, testing, certifying and material usage accounting procedures.
8. Review weather and forecasted weather conditions and procedures for coping with unfavorable conditions, including possibility of temporary roofing (if not mandatory requirement).
9. Record discussion of conference, including decisions and agreements, (or disagreements) reached, and furnish copy of record to each party attending. If substantial disagreements exist at conclusion of conference, determine how disagreements will be resolved and set date for reconvening conference.

10. Review notification procedures for weather or non-working days.

C. The Owner's Representative will designate one of the conference participants to record the proceedings and promptly distribute them to the participants for record.

D. The intent of the conference is to resolve issues affecting the installation and performance of roofing work. Do not proceed with roofing work until such issues are resolved to the satisfaction of the Owner. This shall not be construed as interference with the progress of Work on the part of the Owner or.

1.8 DELIVERY, STORAGE AND HANDLING

A. Deliver products to site with seals and labels intact, in manufacturer's original containers, dry and undamaged.

B. Store and handle roofing sheets in a dry, well-ventilated, weather-tight place to prevent moisture exposure. Store rolls of felt and other sheet materials on pallets or other raised surface. Stand all roll materials on end. Cover roll goods with a canvas tarpaulin or other breathable material (not polyethylene).

C. Do not leave unused materials on the roof overnight or when roofing work is not in progress unless protected from weather and other moisture sources.

D. Secure all material and equipment on the job site. If any material or equipment is stored on the roof, assure that the integrity of the deck is not compromised at any time. Damage to the deck caused by the Contractor's actions will be the sole responsibility of the Contractor, and the deck will be repaired or replaced at his expense.

1.9 MANUFACTURER'S INSPECTIONS

A. When the Project is in progress, the roofing system manufacturer will provide the following:

1. Report progress and quality of the work as observed.
2. Provide periodic job site inspections, minimum 3 days per week.
3. Report to the Owner in writing any failure or refusal of the Contractor to correct unacceptable practices called to the Contractor's attention.
4. Confirm after completion that manufacturer has observed no application procedures in conflict with the specifications other than those that may have been previously reported and corrected.

1.10 PROJECT CONDITIONS

A. Proceed with roofing work only when existing and forecasted weather conditions will permit a unit of work to be installed in accordance with manufacturer's recommendations and warranty requirements.

B. Do not apply roofing insulation or membrane to damp deck surface.

C. Do not expose materials subject to water or solar damage in quantities greater than can be weatherproofed during same day.

1.11 SEQUENCING AND SCHEDULING

A. Sequence installation of roofing with related units of work specified in other Sections to ensure that roof assemblies, including roof accessories, flashing, trim and joint sealers, are protected against damage from effects of weather, corrosion and adjacent construction activity.

B. Complete all roofing field assembly work each day. ***Phased construction will not be accepted***.

1.12 WARRANTY

A. Existing roofing warranty shall be maintained.

1.13 DESIGN AND PERFORMANCE CRITERIA

A. Uniform Wind Uplift Load Capacity

1. Installed roof system shall withstand negative (uplift) design wind loading pressures complying with the following criteria. Attachment shall be installed exactly as given in Part 3.

    a. Design Code: ASCE 7-05, Method 2 for Components and Cladding.
    b. Category III Building with an Importance Factor of 1.15
    c. Wind Speed: 90 mph
    d. Ultimate Pullout Value: 456 pounds per each of the fastener
    e. Exposure Category: C
    f. Design Roof Height: 40 feet.
    g. Minimum Building Width: 115 feet.
    h. Roof Pitch: Existing 1/8" per foot.
    i. Topographic Factor: 1.00

        1) Roof Area Design Uplift Pressure:
        2) Zone 1 - Field of roof 25.0 psf
        3) Zone 2 - Eaves, ridges, hips and rakes 41.9 psf
        4) Zone 3 - Corners 63.0 psf

2. Snow Load: 31 psf.
3. Live Load: 20 psf, or not to exceed original building design.
4. Dead Load:
    a. Installation of new roofing materials shall not exceed the dead load capacity of the existing roof structure.

PART 2 - PRODUCTS

2.1 PRODUCTS, GENERAL

A. Basis of Design: Materials, manufacturer's product designations, and/or manufacturer's names specified herein shall be regarded as the minimum standard of quality required for work of this Section. Comply with all manufacturer and contractor/fabricator quality and performance criteria specified in Part 1.

2.2 MANUFACTURER OF EXISTING ROOFING

A. The design is based upon existing roofing systems engineered and manufactured by The Garland Company or approved equals:

The Garland Company
3800 East 91st Street
Cleveland, Ohio 44105
Telephone: (800) 762-8225
Website: www.garlandco.com

2.3 DESCRIPTION

A. Modified bituminous roofing work including but not limited to:

1. Minimum two (2) plies of approved ASTM D2178, Type IV glass fiber roofing felt bonded to the prepared substrate with hot bitumen.
2. Hot Bitumen: ASTM D312, Type III steep asphalt having the following characteristics:

    a. Softening Point 185°F - 205°F
    b. Flash Point 500°F
    c. Penetration @ 77°F 15-35 units
    d. Ductility @ 77°F 2.5 cm

3. Base Flashing Ply: One (1) ply of 80 mil SBS base flashing ply covered by an additional layer of modified bitumen membrane and set in bitumen.
4. Modified Membrane: STRESSPLY Legacy; 80 mil SBS and SIS (Styrene-Butadiene-Styrene and Styrene-Isoprene-Styrene) rubber modified roofing membrane reinforced with a dual fiberglass scrim and polyester mat.
5. Surfacing: Flood coat of hot bitumen and ASTM D1863 roofing aggregate consisting of slag, pea gravel, or white spar.
6. Hot Surfacing Bitumen: ASTM D312, Type III steep asphalt having the following characteristics:

    a. Softening Point 185°F - 205°F
    b. Flash Point 500°F
    c. Penetration @ 77°F 15-35 units
    d. Ductility @ 77°F 2.5 cm

7. Non-Volatile Content ASTM D4586 100%
8. Density ASTM D1475 11.2 lbs./gal.
9. Viscosity Stormer ASTM D562 16-20 sec.
10. Flash Point ASTM D93 400 F min.
11. Slope: up to 3:12

12. Roofing Aggregate: To conform to ASTM D1863

    a. Slag, Pea Gravel or White Spar

2.4 BITUMINOUS MATERIALS

A. Asphalt Primer: V.O.C. compliant, ASTM D41.

B. Asphalt Roofing Mastic: V.O.C. compliant, ASTM D4586, Type II.

C. Interply Adhesive: ASTM D312, Type III.

2.5 SHEET MATERIALS

A. Felt Plies: Fiberglass Felts: ASTM D2178, Type IV. HPR Glasfelt as manufactured by the Garland Company.

B. Base Flashing Ply: 80 mil SBS modified membrane with woven fiberglass scrim reinforcement with the following minimum performance requirements according to ASTM D5147. Properties (Finished Membrane):

1. Tensile Strength (ASTM D5147):

    a. 2 in/min. @73.4 ± 3.6°F: MD 550 lbf/in CMD 550 lbf/in
    b. 50mm/min. @ 23 ± 2°C MD 96.2 kN/m CMD 96.2 kN/m

2. Tear Strength (ASTM D5147)

    a. 2 in/min. @ 73.4 ± 3.6°F MD 1000 lbf CMD 1000 lbf
    b. 50mm/min. @ 23 ± 2°C MD 4448 N CMD 4448 N

3. Elongation at Maximum Tensile (ASTM D5147)

    a. 2 in/min. @ 73.4 ± 3.6°F MD 9% CMD 9%
    b. 50mm/min. @ 23 ± 3°C MD 9% CMD 9%

4. Low temperature flexibility, ASTM D 5147, Passes -40 deg. F (-40 deg. C)

C. Modified Flashing Ply:

1. STRESSPLY Legacy/Legacy FR Mineral (Flashings)

D. Modified Membrane Properties (Finished Membranes): STRESSPLY ELegacy; ASTM D6162, Type III Grade G

1. Tensile Strength (ASTM D5147):

    a. 2 in/min. @ 73.4 ± 3.6°F MD 550 lbf/in CMD 500 lbf/in
    b. 50 mm/min. @ 23 ± 2°C MD 96.25 kN/m CMD 87.5 kN/m

2. Tear Strength (ASTM D5147)

   a. 2 in/min. @ 73.4 ± 3.6°F MD 575 lbf CMD 570 lbf
   b. 50 mm/min. @ 23 ± 3°C MD 2557 N CMD 2535 N

3. Elongation at Maximum Tensile (ASTM D5147)

   a. 2 in/min. @ 73.4 ± 3.6°F MD 10.0% CMD 10.0%
   b. 50 mm/min. @ 23 ± 3°C MD 10.0% CMD 10.0%

4. Low Temperature Flexibility (ASTM D5147): Passes -30°F
5. Recycled Content (Pre-Consumer): 2%
6. Recycled Content (Pre-Consumer): 12
7. Bio-Based Content: 1%

2.6 ROOF INSULATION

A. General: Provide preformed roof insulation boards that comply with requirements and referenced standards, selected from manufacturer's standard sizes and of thickness indicated.

B. Polyisocyanurate Board Insulation: ASTM C 1289, Type II, felt or glass-fiber mat facer on both major surfaces.

1. Base Layer Thickness on tapered decks: Match existing insulation thickness.
2. Tapered insulation minimum thickness R-30 at low point, (min.1/8” per 12” roof slope at Roof B.)
3. Class A: Flame spread 0-25; Smoke developed 0-450.

4. Available Manufacturers:

   a. Atlas Roofing Corporation.
   b. Celotex Corporation.
   c. Firestone Building Products Company.
   d. GAF Materials Corporation.
   e. Honeywell Commercial Roofing Systems.
   f. Johns Manville International, Inc.
   g. Koppers Industries.
   h. RMAX.

C. Cover board: ASTM C 1177/C 1177M, glass-mat, water-resistant gypsum substrate, 1/4 inch thick.

1. Product: Subject to compliance with requirements, provide “Securrock” by USG Corporation or Densdeck Prime by Georgia Pacific.

D. Provide preformed saddles, crickets, tapered edge strips, and other insulation shapes in drain valleys for sloping to drain. Slope: 1/4” inch per foot. Width of cricket: minimum 12 feet.

E. Insulation Accessories:

1. General: Roof insulation accessories recommended by insulation manufacturer for intended use and compatible with membrane roofing.
2. Fasteners: Triangle Sentry Plus Five Fastener for metal deck by Triangle Fastener, New Castle, DE.
3. Tapered Edge Strips: ASTM C 208, Type II, Grade 1, cellulosic-fiber insulation board.

2.7 ACCESSORIES:

A. Roof Insulation: In accordance with 2.7 of this Section.

B. Cover Board: Provide G-P Gypsum DenDeck Prime, G-P Gypsum DenDeck DuraGuard, USG Securrock for proper adhesion of the self-adhered base sheet.

C. Vapor Retarder: HPR Torchbase SBS modified, torch applied sheet material. ASTM D 6163, Type II.

1. Tensile Strength, ASTM D 5147

a. 2 in/min. @ 73.4 +/- 3.6 deg. F MD 210 lbf/in XD 210 lbf/in.
b. 50 mm/min. @ 23 +/- 2 deg. C MD 210 lbf/in XD 210 lbf/in.

2. Tear Strength, ASTM D 5147

a. 2 in/min. @ 73.4 +/- 3.6 deg. F MD 250 lbf/in XD 1112 lbf/in.
b. 50 mm/min. @ 23 +/- 2 deg. C MD 250 lbf/in XD 1112 lbf/in.

3. Elongation at Maximum Tensile, ASTM D 5147

a. 2 in/min. @ 73.4 +/- 3.6 deg. F MD 4.0 % XD 4.0 %
b. 50 mm/min@ 23 +/- 2 deg. C MD 4.0 % XD 4.0 %

4. Low Temperature Flexibility, ASTM D 5147: Passes -35 deg. F.

2.8 EDGE TREATMENT AND ROOF PENETRATION FLASHINGS

A. Drain Flashings should be 4 lb. sheet lead formed and rolled.

B. Liquid Flashing - Tuff-Flash: An asphaltic-polyurethane, low odor, liquid flashing material designed for specialized details unable to be waterproofed with typical modified membrane flashings.

1. Tensile Strength, ASTM D 412: 400 psi
2. Elongation, ASTM D 412: 300%
3. Density @77 degrees F 8.5 lb/gal typical.

C. Fabricated Flashings: Fabricated flashings and trim are specified in Section 07 62 00.

1. Fabricated flashings and trim shall conform to the detail requirements of SMACNA "Architectural Sheet Metal Manual" and/or the CDA Copper Development Association "Copper in Architecture - Handbook" as applicable.

D. Manufactured Roof Specialties: Manufactured copings, fascia, gravel stops, control joints, expansion joints, joint covers and related flashings and trim are specified in Sheet metal Flashings and Trim, Section 07 62 00.

1. Manufactured roof specialties shall conform to the detail requirements of SMACNA "Architectural Sheet Metal Manual" and/or the NRCA "Roofing and Waterproofing Manual" as applicable.

2.9 RELATED MATERIALS

A. Base Sheet: ASTM D4601, Type II; as recommended and furnished by the modified membrane manufacturer.

B. Nails and Fasteners: Non-ferrous metal or galvanized steel, except that hard copper nails shall be used with copper; aluminum or stainless steel nails shall be used with aluminum; and stainless steel nails shall be used with stainless steel. Fasteners shall be self-clinching type of penetrating type as recommended by the manufacturer of the deck material. Nails and fasteners shall be flush-driven through flat metal discs of not less than one (1) inch diameter. Omit metal discs when one-piece composite nails or fasteners with heads not less than one (1) inch diameter are used.

C. Metal Discs: Flat discs or caps of zinc-coated sheet metal not lighter than twenty eight (28) gauge and not less than one (1) inch in diameter. Form discs to prevent dishing. Bell or cup shaped caps are not acceptable.

D. Sealant: Single component, 100% solids structural adhesive as furnished and recommended by the membrane manufacturer.

1. Elongation (ASTM D412) 300%
2. Hardness, Shore A (ASTM C920) 50
3. Shear Strength (ASTM D1002) 300 psi

E. Butyl Tape: 100% solids, asbestos free and compressive tape designed to seal as recommended and furnished by the membrane manufacturer.

F. Non-Shrink Grout: Use an all-weather fast setting chemical action concrete material to fill pitch pans.

1. Flexural Strength (ASTM C78 (modified)) 7 days 1100psi
2. High Strength (ASTM C109 (modified)) 24 days 8400lbs (3810kg)

G. Pitch Pocket Sealer: Two part, 100% solids, self-leveling, polyurethane sealant for filling pitch pans as recommended and furnished by the membrane manufacturer.

1. Durometer (ASTM D2240) 40-50 Shore
2. Elongation (ASTM D412) 250%
3. Tensile Strength (ASTM D412) 200 @ 100 mil

H. Glass Fiber Cant: Continuous triangular cross Section made of inorganic fibrous glass used as a cant strip as recommended and furnished by the membrane manufacturer.

I. Drain Flashings should be 4lb (1.8kg) sheet lead formed and rolled.

J. Plumbing stacks should be 4lb (1.8kg) sheet lead formed and rolled.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that deck surfaces and project conditions are ready to receive work of this Section.

B. Verify that deck is supported and secured to structural members.

C. Verify that deck is clean and smooth, free of depressions, projections or ripples, and is properly sloped to drains.

D. Verify that adjacent roof substrate components do not vary more than 1/4 inch in height.

E. Verify that deck surfaces are dry and free of snow or ice. Verify that metal deck flutes are clean and dry.

F. Verify that openings, curbs, pipes, conduit, sleeves, ducts, and other items which penetrate the roof are set solidly, and that [wood cant strips] [wood nailing strips] [and reglets] are set in place.

3.2 DECK PREPARATION

A. Metal Deck

1. Verify that all welds are good, that deck is in plane and that it is free from damage and deflection.

3.3 GENERAL INSTALLATION REQUIREMENTS

A. Cooperate with manufacturer, inspection and test agencies engaged or required to perform services in connection with installing the roof system.

B. Insurance/Code Compliance: Where required by code, install and test the roofing system to comply with governing regulation and specified insurance requirements.

C. Protect other work from spillage of roofing materials and prevent materials from entering or clogging drains and conductors. Replace or restore other work damaged by installation of the coal tar modified bituminous roofing system.

D. Coordinate installation of roofing system components so that insulation and roofing plies are not exposed to precipitation or left exposed overnight. Provide cut-offs at end of each day's work to cover exposed ply sheets and insulation with two (2) plies of #15 organic roofing felt set in full moppings of bitumen and with joints and edges sealed with roofing cement. Remove cut-offs immediately before resuming work.

E. Asphalt Bitumen Heating: Heat and apply bitumen in accordance with the Equiviscous Temperature (EVT) Method as recommended by National Roofing Contractors Association (NRCA). Do not raise temperature above minimum normal fluid-holding temperature necessary to attain EVT (plus 5°F at point of application) more than one (1) hour prior to time of application. Determine flash point, finished blowing temperature, EVT, and fire-safe handling temperature of bitumen either from information by manufacturer or by suitable test. Do not exceed recommended temperature limits during bitumen heating. Do not heat to a temperature higher than twenty five degrees (25°F) below flash point. Discard bitumen that has been held at temperature exceeding Finishing Blowing Temperature (FBT) for more than three (3) hours. Keep kettle lid closed except when adding bitumen.

F. Asphalt Bitumen Mopping Rate:

1. Interply Mopping: Apply bitumen at the rate of approximately twenty five (25) lb. of bitumen per roof square.
2. Modified Membrane Mopping: Apply bitumen at the rate of approximately thirty (30) lb. of bitumen per roof square.
3. Flood Coat: Apply bitumen at the rate of approximately sixty (60) to seventy (70) lb. of bitumen per square (plus or minus twenty five (25) percent on a total job average basis).

G. Substrate Joint Penetrations: Prevent bitumen from penetrating substrate joints, entering building, or damaging roofing system components or adjacent building construction.

H. Apply roofing materials as specified by manufacturer's instructions.

1. Keep roofing materials dry before and during application.
2. Do not permit phased construction.
3. Complete application of roofing plies, modified sheet and flashing in a continuous operation.
4. Begin and apply only as much roofing in one day as can be completed that same day.

I. Cut-Offs (Waterstops): At end of each day's roofing installation, protect exposed edge of incomplete work, including ply sheets and insulation. Provide temporary covering of two (2) plies of #15 organic roofing felt set in full mopping of bitumen with joints and edges sealed.

3.4 INSULATION INSTALLATION

A. Deck type: Metal

B. Install new wood blocking around the entire perimeter of the roof system. The wood blocking should be of sufficient height to accommodate the new insulation system. To be shimmed so wood blocking is flat.

C. Attach 1/2" primed dens deck to metal deck. Then set two plies of type IV felt in type III hot asphalt over the dens deck for vapor retarder / temporary roof.

D. Set two layers of 2.6" polyisocyanurate insulation all in hot asphalt.

E. "Four way" insulation sumps shall be installed around all drain locations. Each sump shall be 8' x 8' and fashioned from 1/8" per linear foot tapered insulation with a minimum thickness of 1". Sump shall extend 4' in all directions from the center of the roof drain (see drain sump detail).

F. Finally, a 1/2" high density fiberboard shall be set into full mopping of hot asphalt adhesive applied at the rate of 25lbs. / 100 sq. ft. Butt joints between layers of insulation board shall be staggered a minimum of 12".

3.5 FELT PLY INSTALLATION

A. Fiberglass Plies: Install two (2) fiberglass ply sheets in twenty five (25) lbs. per square of bitumen shingled uniformly to achieve two plies over the entire prepared substrate. Shingle in direction of slope of roof to shed water on each area of roof. Do not step on felt rolls until asphalt has cooled, fish mouths should be cut and patched.

B. Lap ply sheet ends eight (8) inches. Stagger end laps twelve (12) inches minimum.

C. Lightly broom in fiberglass plies to assure complete adhesion.

D. Extend plies two (2) inches beyond top edges of cants at wall and roof projections and equipment bases.

E. Install base flashing ply to all perimeter and projection details after membrane application.

3.6 MODIFIED MEMBRANE APPLICATION

A. Solidly bond the modified membrane to the base layers with specified asphalt at the rate of twenty five (25) to thirty (30) lbs. per 100 square feet.

B. The modified membrane roll must push a puddle of asphalt in front of it with asphalt slightly visible at all side laps. Exercise care during application to eliminate air entrapment under the membrane.

C. Apply pressure to all seams to ensure that the laps are solidly bonded to substrate.

D. Install subsequent rolls of modified membrane across the roof as above with a minimum of four (4) inch side laps and eight (8) inch end laps. Stagger the end laps. Apply the modified membrane in the same direction as the previous layers but stagger the laps so they do not coincide with the laps of the base layers.

E. Apply asphalt no more than five (5) feet ahead of each roll being embedded.

F. Extend membrane two (2) inches beyond top edge of all cants in full mopping of the specified asphalt [as shown on the drawings].

3.7 FLASHING MEMBRANE INSTALLATION

A. Seal all curb, wall and parapet flashings with an application of mastic and mesh on a daily basis. Do not permit conditions to exist that will allow moisture to enter behind, around or under the roof or flashing membrane.

B. Prepare all walls, penetrations, expansion joints [and where shown on the drawings] to be flashed with asphalt primer at the rate of one hundred (100) square feet per gallon. Allow primer to dry tack free.

C. Use the modified membrane as the flashing membrane. Adhere to the underlying base flashing ply with specified asphalt unless otherwise noted in these specifications. Nail off at a minimum of eight (8) inches o.c. from the finished roof at all vertical surfaces.

D. Solidly adhere the entire sheet of flashing membrane to the substrate.

E. Seal all vertical laps of flashing membrane with a three-course application of trowel-grade mastic and fiberglass mesh.

F. Coordinate counter flashing, cap flashings, expansion joints, and similar work with modified bitumen roofing work [as specified in other Sections].

G. Coordinate roof accessories, miscellaneous sheet metal accessory items, including piping vents and other devices with the roofing system work [as specified in other Sections].

H. Pre-Manufactured Metal Edge System: R-Mer Edge by the Garland Company

1. Position base plies of the built-up and/or modified roofing membrane over the roof edge covering nailers completely, fastening eight (8) inches on center. Install membrane and cap sheet with proper material and procedure according to manufacturer's recommendations.

2. Cant Dam: Install Cant Dam overlapping Cant a minimum of one (1) inch. Fasten Cant Dam every three (3) inches on center through the top of nailer and outside face.

3. BUR or Modified Flashing: Prime Cant Dam at a rate of one hundred (100) square feet per gallon and allow to dry.

4. Strip in Cant Dam with base flashing membrane extending six (6) inches into roof field, followed with a cap sheet extending nine (9) inches into the roof field. Install membrane and cap sheet with proper material and procedure according to manufacturer's recommendations.

5. Fascia Cover: Install fascia cover with splice plate under one end by pressing downward firmly until "snap" occurs and cover is engaged along entire length of miter. Field cut where necessary with fine tooth saw.

6. Sealant is to be placed between splice plates on metal edge pieces.

7. Install a second ply of modified flashing ply in bitumen over the base flashing ply, nine (9) inches on to the field of the roof.

I. Surface Mounted Counterflashing [Detail No. MBH-22]:

1. Minimum flashing height is eight (8) inches. Maximum flashing height is twenty four (24) inches. Prime vertical wall at a rate of one hundred (100) square feet per gallon and allow to dry.

2. Set cant in bitumen. Run all field plies over cant a minimum of two (2) inches.

3. Install base flashing ply covering wall set in bitumen with six (6) inches on to field of the roof.

4. Install a second ply of modified flashing ply in bitumen over the base flashing ply, nine (9) inches on to the field of the roof. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.

5. Apply butyl tape to wall behind flashing. Secure termination bar through flashing, butyl tape and into wall.

6. Secure counterflashing set on butyl tape above flashing at eight (8) inches o.c. and caulk top of counterflashing.

J. Equipment Support [Detail No. MBH-32]:

1. Minimum curb height is eight (8) inches. Prime vertical at a rate of one hundred (100) square feet per gallon and allow to dry.

2. Set cant in bitumen. Run all field plies over cant a minimum of two (2) inches.

3. Install base flashing ply covering curb set in bitumen with six (6) inches on to field of the roof.

4. Install a second ply of modified flashing ply in bitumen over the base flashing ply, nine (9) inches on to the field of the roof. Attach top of membrane to top of curb and nail at eight (8) inches o.c. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.

5. Install pre-manufactured cover. Fasten sides at twenty four (24) inches o.c. with fasteners and neoprene washers. Furnish all joint cover laps with butyl tape between metal covers.

6. Set equipment on neoprene pad and fasten as required by equipment manufacturer.

K. Curb Detail/Air Handling Station [Detail No. MBH-33]:

1. Minimum curb height is eight (8) inches. Prime vertical at a rate of one hundred (100) square feet per gallon and allow to dry.

2. Set cant in bitumen. Run all field plies over cant a minimum of two (2) inches.

3. Install base flashing ply covering curb set in bitumen with six (6) inches on to field of the roof.

4. Install a second ply of modified flashing ply in bitumen over the base flashing ply, nine (9) inches on to the field of the roof. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.

5. Install pre-manufactured counterflashing with fasteners and neoprene washers or per manufacturer's recommendations.

6. Set equipment on neoprene pad and fasten as required by equipment manufacturer.

L. Exhaust Fan [Detail No. MBH-36]:

1. Minimum curb height is eight (8) inches. Prime vertical at a rate of one hundred (100) square feet per gallon and allow to dry.

2. Set cant in bitumen. Run all plies over cant a minimum of two (2) inches.

3. Install base flashing ply covering curb with six (6) inches on to field of the roof.

4. Install a second ply of modified flashing ply installed over the base flashing ply, nine (9) inches on to field of the roof. Attach top of membrane to top of wood curb and nail at eight (8) inches o.c. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.

5. Install metal exhaust fan over the wood nailers and flashing to act as counterflashing. Fasten per manufacturer's recommendation.

M. Passive Vent/Air Intake [Detail No. MBH-37]:

1. Minimum curb height is eight (8) inches. Prime vertical at a rate of one hundred (100) square feet per gallon and allow to dry.

2. Set cant in bitumen. Run all plies over cant a minimum of two (2) inches.

3. Install base flashing ply covering curb with six (6) inches on to the field of the roof.

4. Install a second ply of modified flashing ply installed over the base flashing ply, nine (9) inches on to field of the roof. Attach top of membrane to top of wood curb and nail at eight (8) inches o.c. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.

5. Install passive vent/air intake over the wood nailers and flashing to act as counterflashing. Fasten per manufacturers recommendations.

N. Plumbing Stack [Detail No. MBH-50]:

1. Minimum stack height is twelve (12) inches.
2. Run roof system over the entire surface of the roof. Seal the base of the stack with elastomeric sealant.
3. Prime flange of new sleeve. Install properly sized sleeves set in (¼) inch bed of roof cement.
4. Install base flashing ply in bitumen.
5. Install membrane in bitumen.
6. Caulk the intersection of the membrane with elastomeric sealant.
7. Turn sleeve a minimum of one (1) inch down inside of stack.

O. Heat Stack [Detail No. MBH-51]:

1. Minimum stack height is twelve (12) inches.
2. Run roof system over the entire surface of the roof. Seal the base of the stack with elastomeric sealant.
3. Prime flange of new sleeve. Install properly sized sleeves set in (1/4) inch bed of roof cement.
4. Install base flashing ply in bitumen.
5. Install modified membrane in bitumen.
6. Caulk the intersection of the membrane with elastomeric sealant.
7. Install new collar over cape. Weld collar or install stainless steel draw brand.

P. Pitch Pocket [Detail No. MBH-52]:

1. Run all plies up to the penetration.
2. Place the pitch pocket over the penetration and prime all flanges.
3. Strip in flange of pitch pocket with one (1) ply of base flashing ply. Extend six (6) inches onto field of roof.
4. Install second layer of modified membrane extending nine (9) inches onto field of the roof.
5. Fill pitch pocket half full with non-shrink grout. Let this cure and top off with pourable sealant.
6. Caulk joint between roof system and pitch pocket with roof cement.

3.8 APPLICATION OF SURFACING

A. Aggregate Surfacing:

1. Apply surfacing materials in the quantities specified - apply at rate of 4-5 gal./100 $ft.^2$ over newly constructed BUR and modified systems.
2. Aggregate shall be dry and placed in a manner required to form a compact, embedded overlay. To aid in proper embedment, lightly roll aggregate provided that there is no damage to the roofing membrane.

B. Reflective Coating on Flashing Surfaces:

1. Allow all cold applied mastics and coating to properly dry and cure before installing the aluminum coating.
2. Paint all exposed membrane with manufacturer's non-fibrated aluminum paint installed at a rate of one-half (1/2) gallon per square per coat. This shall be a two-coat application with the finished stroke in one direction.

3.9 FIELD QUALITY CONTROL

A. Perform field inspection [and testing] as required [under provisions of Division 01 Section Quality Requirements].

B. Correct defects or irregularities discovered during field inspection.

C. Require attendance of roofing [and insulation] materials manufacturers' representatives at site during installation of the roofing system. A copy of the specification should also be on site at all times.

3.10 CLEANING

A. Remove bitumen adhesive drippings from all walls, windows, floors, ladders and finished surfaces.

B. In areas where finished surfaces are soiled by asphalt or any other sources of soiling caused by work of this Section, consult manufacturer of surfaces for cleaning instructions and conform to their instructions.

C. Repair or replace defaced or disfigured finishes caused by work of this Section.

3.11 CONSTRUCTION WASTE MANAGEMENT

A. Remove and properly dispose of waste products generated during roofing procedures. Comply with requirements of authorities having jurisdiction.

3.12 FINAL INSPECTION

A. At completion of roofing installation and associated work, meet with Contractor, Architect, installer, installer of associated work, Owner, roofing system manufacturer's representative, and other representatives directly concerned with performance of roofing system.

B. Walk roof surface areas of the building, inspect perimeter building edges as well as flashing of roof penetrations, walls, curbs and other equipment. List all items requiring correction or completion and furnish copy of list to each party in attendance.

C. The roofing system manufacturer reserves the right to request a thermographic scan of the roof during final inspection to determine if any damp or wet materials have been installed. The thermographic scan shall be provided by the Roofing Contractor.

D. If core cuts verify the presence of damp or wet materials, the Roofing Contractor shall be required to replace the damaged areas at his own expense.

E. Repair or replace deteriorated or defective work found at time above inspection as required to a produce an installation which is free of damage and deterioration at time of Substantial Completion and according to warranty requirements.

F. Notify the Contractor, Architect and Owner upon completion of corrections.

G. Following the final inspection, provide written notice of acceptance of the installation from the roofing system manufacturer.

H. Immediately correct roof leakage during construction. If the Contractor does not respond within twenty four (24) hours, the Owner will exercise rights to correct the Work under the terms of the Conditions of the Contract.

3.13 DEMONSTRATION AND TRAINING

A. At a time and date agreed to by the Owner, instruct the Owner's facility manager, or other representative designated by the Owner, on the following procedures:

1. Roof troubleshooting procedures.
2. Notification procedures for reporting leaks or other apparent roofing problems.
3. Roofing maintenance.
4. The Owner's obligations for maintaining the roofing warranty in effect and force.
5. The Manufacturer's obligations for maintaining the roofing warranty in effect and force.

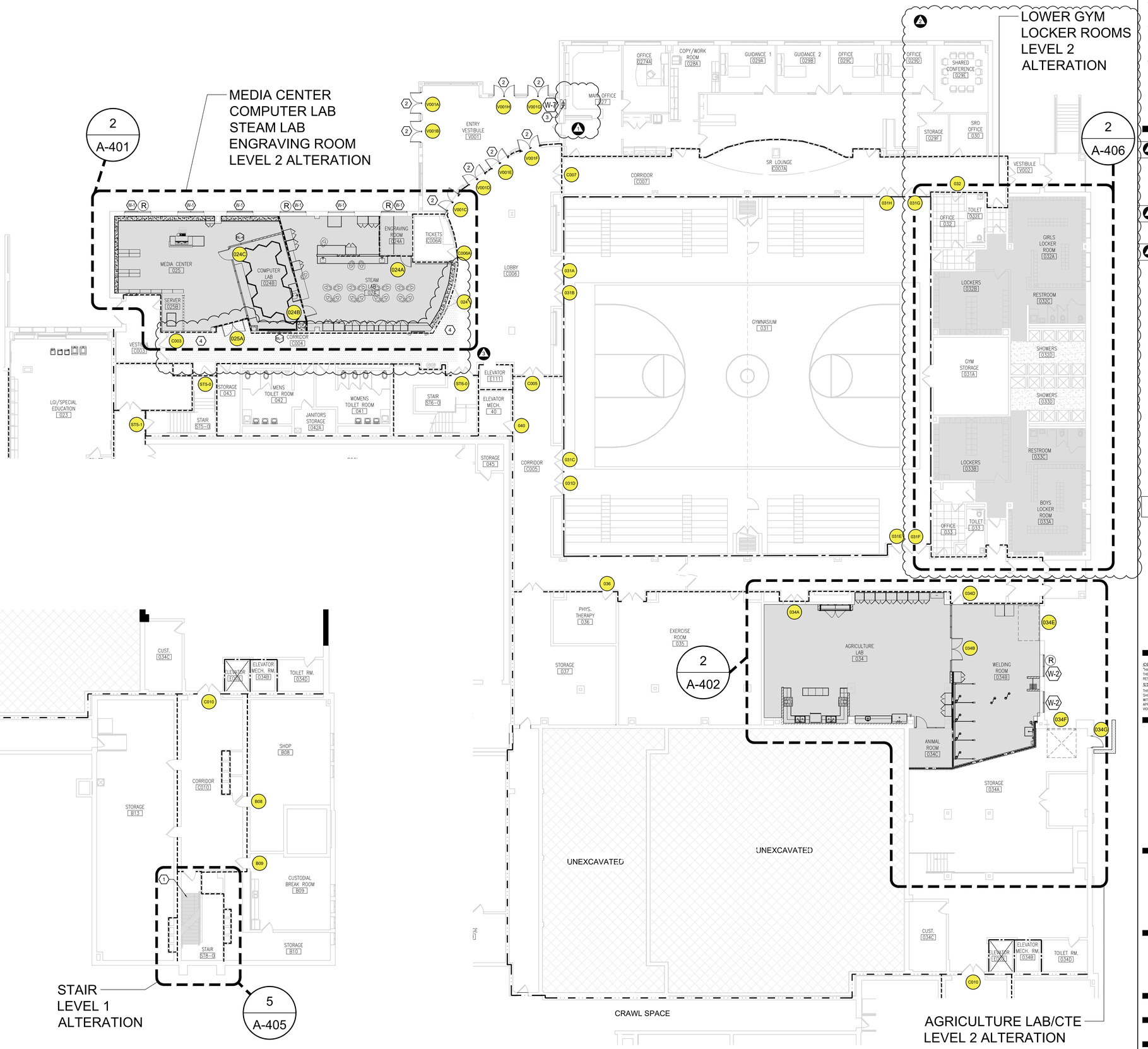
END OF SECTION 07 52 00

DRAWING LEGEND

- INDICATES AREA OF ALTERATION
- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW WALL CONSTRUCTION
- EXISTING DOOR TO REMAIN
- WIRE GLASS REPLACEMENT IN EXISTING DOOR
- XXX — NEW DOOR AND FRAME
- ROOM NAME / NO. — INDICATES ROOM NAME AND NUMBER
- 000 — INDICATES DOOR NUMBER
- W-X — INDICATES WINDOW TYPE
- X — CONSTRUCTION KEY NOTE INDICATOR
- BL-X — INDICATES BORROWED LITE TYPE

CONSTRUCTION KEY NOTES

1. REPLACE RUBBER STAIR TREADS, RISERS, AND LANDINGS TO MATCH EXISTING.
2. DOORS BY OWNER. NOT IN SCOPE.
3. REMOVE EXISTING SLIDING SERVICE WINDOW AND INSTALL NEW TRANSACTION WINDOW. NEW WINDOW SHALL BE SAME SIZE AS EXISTING.
4. REMOVE AND STORE EXISTING ACT SYSTEM TO ACCOMMODATE MECH DUCT WORK. REINSTALL CEILING AFTER MECH AND OTHER TRADES WORK IS COMPLETE. COORDINATE WITH ALL TRADES.



2 A-100 GROUND FLOOR COMPOSITE PLAN (PART B)
SCALE: 3/32" - 1'-0"

1 A-100 GROUND FLOOR COMPOSITE PLAN (PART A)
SCALE: 3/32" - 1'-0"

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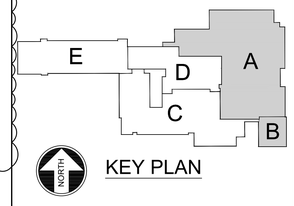
REVISION NO:

1	ADDENDUM #1	11/21/2025
	• REVISED TO INCLUDE REMOVAL OF EXISTING SLIDING SERVICE WINDOW AT ELEMENTARY OFFICE AND REPLACE WITH NEW TRANSACTION WINDOW. • UPDATED NOTE #2 TO INDICATE DOORS NOT IN SCOPE.	
3	ADDENDUM #3	12/03/2025
	• ADDED LOWER GYM LOCKER ROOMS TO AREAS OF WORK.	
6	ADDENDUM #6	12/17/2025
	• ADDED NOTE 4 AND HATCHED AREA IN CORRIDOR C004 INDICATING AREA WHERE CEILING IS TO BE REMOVED AND REPLACED TO ACCOMMODATE MECH DUCT WORK.	



KEY PLAN

BID DOCUMENTS
SED # 08-01-01-04-0-001-019

PROJECT TITLE:

Afton Central School District
29 Academy St, Afton, NY 13730

2024 Capital Project
Phase 1

SEALS:

DRAWING TITLE:

GROUND FLOOR COMPOSITE PLAN (PART A/B)

DRAWN BY:	CHECKED BY:
R.J.C. / A.L.	D.G.
DATE:	PROJECT NO:
11/10/2025	2025-005

DRAWING NO:

A-100

CAD FILE: 5005-A-100.DWG PLOT DATE: 12/17/2025

DRAWING LEGEND

- INDICATES AREA OF ALTERATION
- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW WALL CONSTRUCTION
- EXISTING DOOR TO REMAIN
- WIRE GLASS REPLACEMENT IN EXISTING DOOR
- XXX — NEW DOOR AND FRAME
- ROOM NAME / NO. — INDICATES ROOM NAME AND NUMBER
- 000 — INDICATES DOOR NUMBER
- W-# — INDICATES WINDOW TYPE
- X — CONSTRUCTION KEY NOTE INDICATOR
- BL-X — INDICATES BORROWED LITE TYPE

CONSTRUCTION KEY NOTES

1. REPLACE RUBBER STAIR TREADS, RISERS, AND LANDINGS TO MATCH EXISTING.
2. PROVIDE A SHELTER OVER EXISTING INTAKE WELL. SEE DETAIL THIS DRAWING.
3. REMOVE AND STORE EXISTING ACT SYSTEM TO ACCOMMODATE MECH DUCT WORK. REINSTALL CEILING AFTER MECH AND OTHER TRADES WORK IS COMPLETE. COORDINATE WITH ALL TRADES.

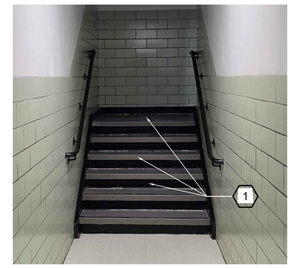
STAIR
LEVEL 1 ALTERATION

ESPORTS
LEVEL 1 ALTERATION

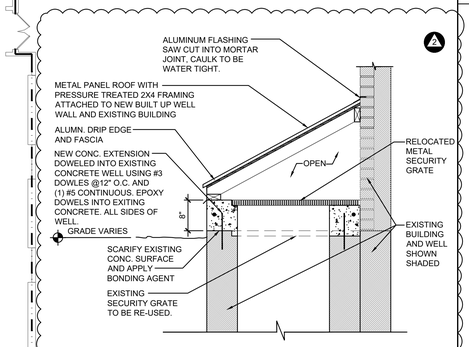
STAIR
LEVEL 1 ALTERATION

IT CENTER
LEVEL 2 ALTERATION

GYMNASIUM
LEVEL 1 ALTERATION



2 / A-104 PHOTO 1
SCALE: N.T.S.



NOTE:
NEW CONCRETE SHALL BE 4000 PSI CONCRETE WITH 6% AIR-ENTRAINMENT

3 / A-104 TYPICAL SECTION @ EXTERIOR WELLS
SCALE: 3/4"=1'-0"

1 / A-104 FIRST FLOOR COMPOSITE PLAN (PART C/D)
SCALE: 3/32" - 1'-0"

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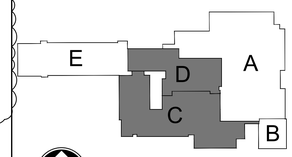
REVISION NO:

ADDENDUM #3	12/03/2025
• ADDED ENLARGED EXTERIOR STAIR PLAN TAG.	
ADDENDUM #5	12/11/2025
• ADDED TYPICAL SECTION @ EXTERIOR STAIR WELLS AND CONSTRUCTION KEY NOTE 2.	
ADDENDUM #6	12/17/2025
• ADDED NOTE 3 AND HATCHED AREA AT BOY'S AND GIRL'S LOCKER ROOM 167 AND 169 INDICATING AREA WHERE CEILING IS TO BE REMOVED AND REPLACED TO ACCOMMODATE MECH DUCT WORK.	



KEY PLAN

BID DOCUMENTS
SED # 08-01-01-04-0-001-019

PROJECT TITLE:

Afton Central School District
29 Academy St, Afton, NY 13730

2024 Capital Project
Phase 1

SEALS:

DRAWING TITLE:
FIRST FLOOR COMPOSITE PLAN (PART C/D)

DRAWN BY:	CHECKED BY:
R.J.C. / A.L.	D.G.
DATE:	PROJECT NO:
11/10/2025	2025-005

DRAWING NO:
A-104

CAD FILE:2005-A-104.DWG PLOT DATE:12/17/2025

DRAWING LEGEND

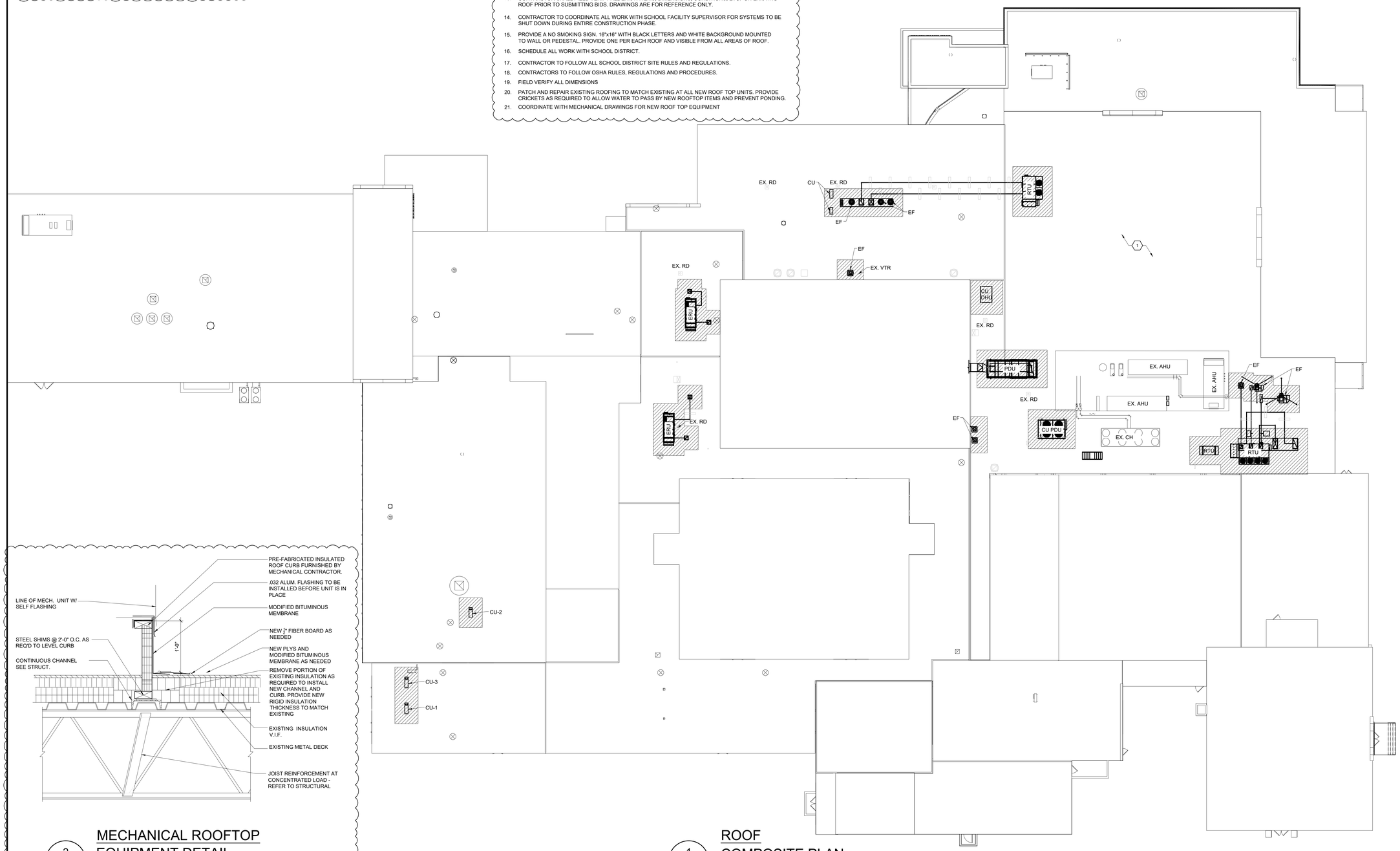
R.D.	NEW ROOF DRAIN WITH 4'-0" SUMP
VTR	EXISTING VENT THRU ROOF TO REMAIN
RTU #	NEW MECHANICAL UNIT
EX. RTU	EXISTING MECHANICAL UNIT
	EXHAUST FAN
X	CONSTRUCTION KEY NOTE INDICATOR
	HATCHING INDICATES AREAS WHERE NEW ROOF WORK IS SCHEDULE TO OCCUR. CONTRACTOR TO PATCH AND REPAIR MINIMUM 4'-0" PERIMETER IN INDICATED AREAS INCLUDING BUT NOT LIMITED TO NEW MECHANICAL UNITS, EXHAUST FANS, ETC. CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL NEW ROOF WORK WITH MECHANICAL, PLUMBING AND STRUCTURAL

CONSTRUCTION KEY NOTES

1. GENERAL CONTRACTOR SHALL INSTALL NEW ROOF CURBS FINISHED BY MECH CONTRACTOR AND PATCH EXISTING ROOF AS NEEDED FOR NEW STRUCTURAL AND MECHANICAL WORK. SEE STRUCTURAL AND MECHANICAL DRAWINGS FOR SCOPE. SEE DETAIL THIS DRAWING.

ROOF GENERAL & CONSTRUCTION NOTES

1. ALL ROOF DEMOLITION TO BE REMOVED FROM ROOF AREA TO DUMPSTER BY MEANS OF CHUTES OR OTHER PROTECTIVE MEANS IN ORDER TO PROTECT PERIMETER AREAS
2. REPAIR DAMAGED LAWN AREAS DUE TO TRAFFIC AND ACCESS AROUND PERIMETER OF THE BUILDING.
3. CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ALL EXISTING BUILDING FINISHES, LANDSCAPING, WINDOWS AND ALL VEHICLES THROUGH OUT THE DURATION OF PROJECT. ALSO PROVIDE THE NECESSARY PROTECTION TO INSURE THE PUBLIC SAFE & SECURE ENTERING OF AND EGRESS FROM THE BUILDING.
3. CONTRACTOR SHALL PROVIDE HIS OWN MEANS OF CONVEYING MATERIALS TO ROOF OF BUILDING
4. CONTRACTOR TO CHECK FOR BLOCKAGES & CLEAN OUT ALL EXISTING RAIN WATER DRAIN PIPING PRIOR TO START OF WORK.
5. EXISTING ROOF CONSISTS OF MULTIPLE ROOF LEVELS. CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY ALL CONDITIONS, ROOF HEIGHTS, SLOPES, MATERIALS, ECT.
7. PROVIDE TEMPORARY PROTECTION OF EXISTING R.T.U. AIR INTAKE GRILLES, EXHAUST FANS, ECT.
8. CONDUIT, PIPING AND RTU/ DUCTWORK SUPPORTS ARE TO BE REMOVED AND RESET IN PLACE TO ALLOW RE-ROOFING (WHERE REQUIRED).
9. PROVIDE TEMPORARY ROOF PROTECTION DURING THE COURSE OF CONSTRUCTION.
10. PRIOR TO THE DEMOLITION OF THOSE ITEMS WHICH HAVE UTILITY CONNECTIONS (WATER, GAS, ELECTRICITY, ETC.), THE CONTRACTOR SHALL ARRANGE WITH THE OWNER TO LOCATE SHUT-OFF VALVES, PANEL BOXES, AND OTHER CONTROL ELEMENTS, SO THAT WATER DAMAGE AND OTHER POTENTIALLY DANGEROUS SITUATIONS ARE AVOIDED.
11. ROOF SLOPE SHALL BE A MINIMUM 1/8" PER FOOT AT ALL LOCATIONS TO PROVIDE POSITIVE SLOPE TO ALL ROOF DRAINS. THE ROOF CONTRACTOR WILL BE RESPONSIBLE TO RE-ROOF ALL PONDING WATER AREAS TO ACHIEVE POSITIVE SLOPE TO THE DRAINS. PROVIDE ¼" PER FT. SLOPE AT ALL NEW CRICKETS AT NEW ROOF TO EQUIPMENT.
12. ALL METAL FLASHINGS TO BE EXTRUDED, BREAK METAL WILL NOT BE ACCEPTED. PROVIDE SHOP DRAWING SUBMITTALS FOR ALL COPINGS, GRAVEL STOPS, ALUM. FASCIAS, FLASHINGS, SPECIAL SHAPE FLASHINGS, ETC.
13. CONTRACTOR SHALL FIELD VERIFY ALL EXIST. ITEMS, DIMENSIONS, CONDITIONS, ETC. ON EXISTING ROOF PRIOR TO SUBMITTING BIDS. DRAWINGS ARE FOR REFERENCE ONLY.
14. CONTRACTOR TO COORDINATE ALL WORK WITH SCHOOL FACILITY SUPERVISOR FOR SYSTEMS TO BE SHUT DOWN DURING ENTIRE CONSTRUCTION PHASE.
15. PROVIDE A NO SMOKING SIGN. 16"x16" WITH BLACK LETTERS AND WHITE BACKGROUND MOUNTED TO WALL OR PEDESTAL. PROVIDE ONE PER EACH ROOF AND VISIBLE FROM ALL AREAS OF ROOF.
16. SCHEDULE ALL WORK WITH SCHOOL DISTRICT.
17. CONTRACTOR TO FOLLOW ALL SCHOOL DISTRICT SITE RULES AND REGULATIONS.
18. CONTRACTORS TO FOLLOW OSHA RULES, REGULATIONS AND PROCEDURES.
19. FIELD VERIFY ALL DIMENSIONS
20. PATCH AND REPAIR EXISTING ROOFING TO MATCH EXISTING AT ALL NEW ROOF TOP UNITS. PROVIDE CRICKETS AS REQUIRED TO ALLOW WATER TO PASS BY NEW ROOFTOP ITEMS AND PREVENT PONDING.
21. COORDINATE WITH MECHANICAL DRAWINGS FOR NEW ROOF TOP EQUIPMENT



ROOF COMPOSITE PLAN
1 A-108
SCALE: 1/16" - 1'-0"

MECHANICAL ROOFTOP EQUIPMENT DETAIL
2 A-108
SCALE: 1 1/2"= 1'-0"

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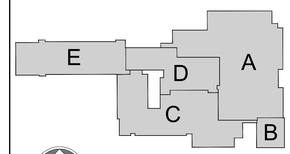
REVISION NO:

1	ADDENDUM #6	11/21/2025

- ADDED ROOF GENERAL AND CONSTRUCTION NOTES
- HATCH TO INDICATE AREAS WHERE CONTRACTOR TO PATCH AND REPAIR ROOF TO MATCH EXISTING.
- ADDED MECH ROOFTOP EQUIPMENT DETAIL TO SHEET.



KEY PLAN

BID DOCUMENTS
SED # 08-01-01-04-0-001-019

PROJECT TITLE:

Afton Central School District
29 Academy St, Afton, NY 13730

2024 Capital Project
Phase 1

SEALS:

DRAWING TITLE:

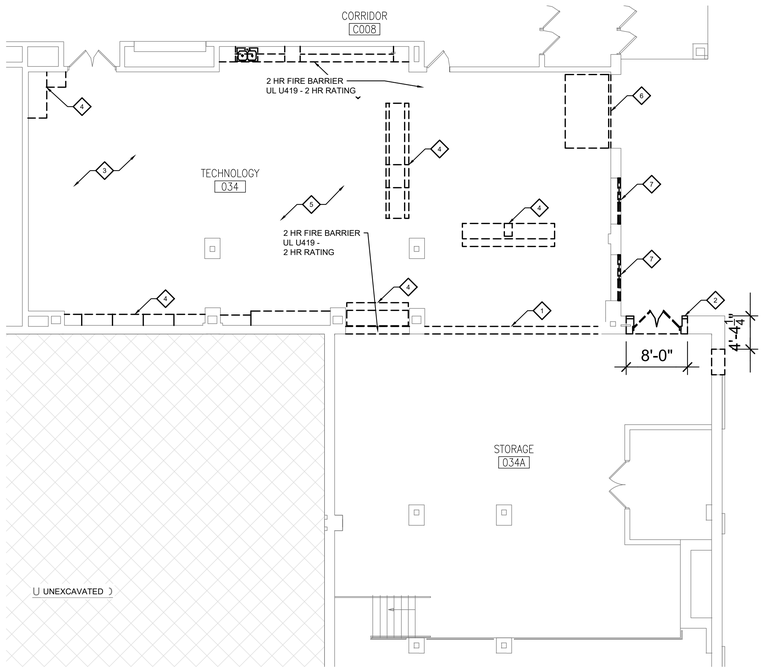
ROOF COMPOSITE PLAN (PART A)

DRAWN BY:	CHECKED BY:
R.J.C./S.C.	D.G.
DATE:	PROJECT NO:
11/10/2025	2025-005

DRAWING NO:

A-108

CAD FILE: 5005-A-108.DWG PLOT DATE: 12/17/2025



DEMOLITION LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- EXISTING WALL CONSTRUCTION TO BE DEMOLISHED IN ITS ENTIRETY
- EXISTING DOOR TO REMAIN
- EXISTING DOOR, FRAME, AND HARDWARE TO BE REMOVED IN ITS ENTIRETY UNLESS OTHERWISE SPECIFIED
- DEMOLITION KEY NOTE INDICATOR

DEMOLITION KEY NOTES

1. REMOVE EXISTING INTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING WALL BASE, MISCELLANEOUS BRACING, ELEC. OUTLETS, WIRING, PIPING, ETC. (COORDINATE WITH ALL MEP DWGS.).
2. REMOVE 8'-0" PORTION OF EXISTING EXTERIOR MASONRY WALL WITH BRICK VENEER CONSTRUCTION. REFER TO STRUCTURAL NOTES.
3. REMOVE EXISTING CEILING SYSTEM(S), LIGHTING, DIFFUSERS AND SOFFITS IN THEIR ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION.
4. REMOVE EXISTING MILLWORK IN ITS ENTIRETY.
5. ALL FLOOR FINISHES TO BE REMOVED. PATCH/REPAIR AND PREP SUBFLOOR FOR NEW FLOOR FINISHES.
6. REMOVE OVERHEAD DOOR IN ITS ENTIRETY.
7. REMOVE EXISTING WINDOW AND FRAME.

1 / A-402 — AGRICULTURE LAB / CTE
DEMOLITION PLAN- GROUND FLOOR
SCALE: 1/8"=1'-0"

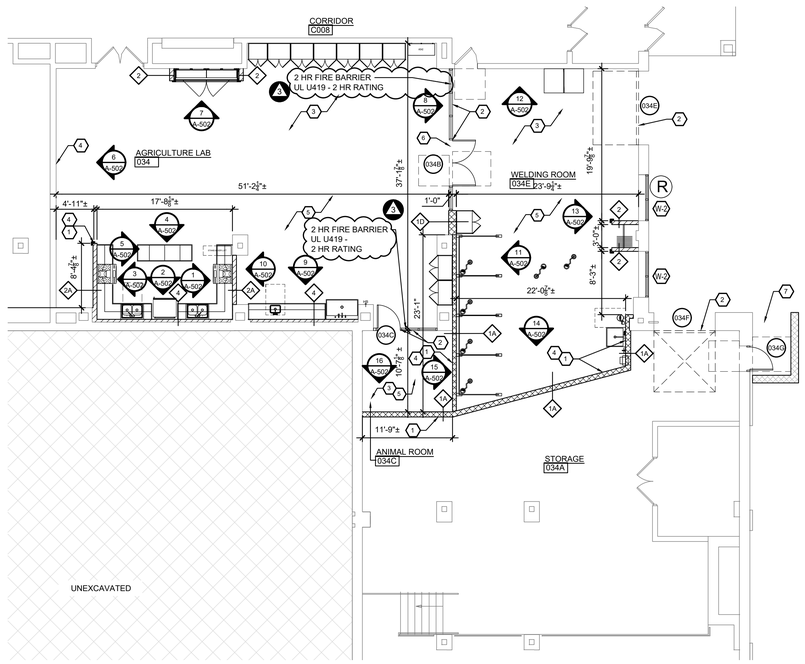
3 / A-402 — AGRICULTURE LAB / CTE
REFLECTED CEILING PLAN- GROUND FLOOR
SCALE: 1/8"=1'-0"

CEILING LEGEND

- ROOM NAME / NO. / 9'-0" — INDICATES ROOM NAME AND NUMBER AND CEILING HEIGHT
- X — RCP KEY NOTE INDICATOR
- EXISTING 2'X2' ACT CONSTRUCTION TO REMAIN
- EXISTING 2'X4' ACT CONSTRUCTION TO REMAIN
- NEW 2'x2' ACOUSTICAL GRID WITH NEW ACOUSTIC CEILING TILE
- NEW 2'x4' ACOUSTICAL GRID WITH NEW ACOUSTIC CEILING TILE
- PAINTED GYP CEILING
- PAINTED GYP SOFFIT
- SUPPLY AIR DIFFUSER / RETURN GRILLES. COORDINATE WITH MECH. DWGS.
- LIGHT FIXTURES. COORDINATE WITH ELEC. DWGS.
- EMERGENCY LIGHT FIXTURES. COORDINATE WITH ELEC. DWGS.
- #X — HEXAGON CANOPY PENDANT:
  - INDICATES DIRECT LIGHT SEGMENT
  - INDICATES EMERGENCY LIGHT SEGMENT
  - HATCH WITHIN PENDANTS INDICATES ACOUSTICAL INFILL PANEL (COLORS VARY).
  - INDICATES INFILL PANEL COLOR NUMBER - SEE INTERIOR FINISH LEGEND.
  - COORDINATE WITH ELEC. DWGS.

GENERAL DRAWING NOTES

1. CONTRACTOR TO COORDINATE WITH MEP CONTRACTOR AND DRAWINGS FOR LOCATIONS OF NEW CEILING MOUNTED DEVICES.
2. REFER TO FINISH DRAWINGS FOR FINISH INFORMATION. SEE A-701 FOR FINISH SCHEDULE, LEGEND, AND NOTES.



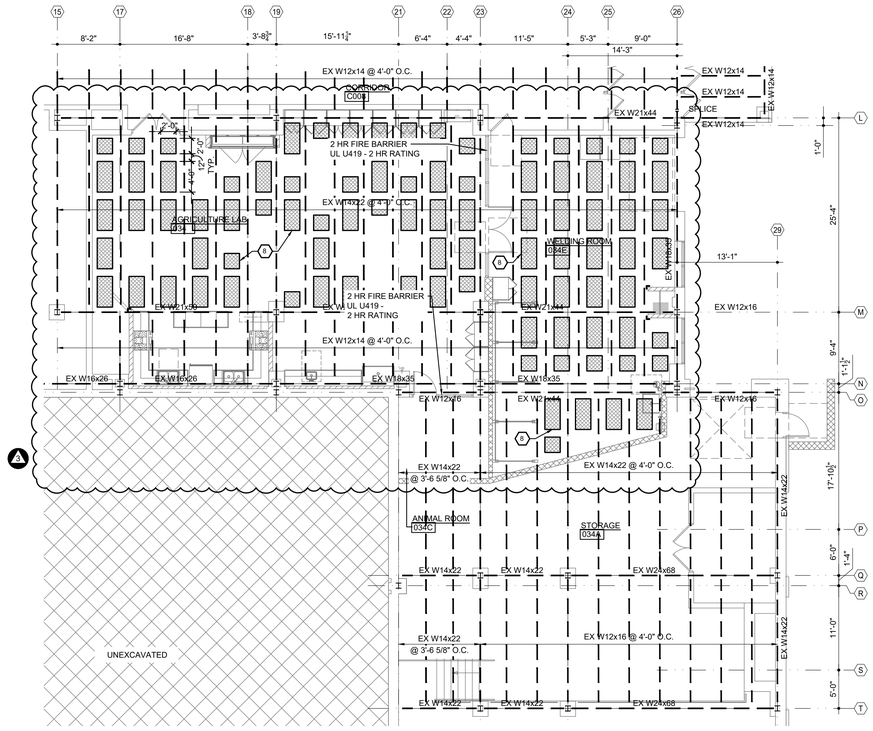
CONSTRUCTION LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW WALL CONSTRUCTION
- EXISTING DOOR TO REMAIN
- NEW DOOR AND FRAME
- ROOM NAME / NO. — INDICATES ROOM NAME AND NUMBER
- NEW S.S. CORNER GUARD (CG-1), TYPICAL. U.O.N. REFER TO FINISH LEGEND FOR SPECIFIC SIZE(S)
- 000 — INDICATES DOOR NUMBER
- BL-X — BORROWED LIGHT WINDOW TYPE
- W-# — WINDOW TAG REFER TO WINDOW TYPES SHEET
- # — NEW WALL TYPE SEE WALL TYPES SHEET G-003
- X — CONSTRUCTION KEY NOTE INDICATOR

CONSTRUCTION KEY NOTES

1. PROVIDE NEW PARTITIONS AS INDICATED ON PLAN. REFER TO WALL LEGEND FOR WALL TYPE CONSTRUCTION. REFER TO WALL TYPES FOR RATED WALLS.
2. PROVIDE NEW FIRE-RATED FRAMES, DOORS, AND WINDOWS AT NEW WORK AREAS. REFER TO DOOR SCHEDULE FOR DETAILS.
3. PREPARE FLOOR TO RECEIVE NEW FLOOR FINISH, WALL BASE & CEILING PANELS. REFER TO INTERIOR FINISH SCHEDULE.
4. PATCH, REPAIR, PRIME AND PAINT ALL WALLS. FIRE STOP SEAL AT ALL EXISTING WALLS AT 2 HOUR LOCATIONS
5. ADD ADDITIONAL 2 HOUR SPRAY FIRE PROOFING TO STEEL BEAMS, FLOOR DECK, AND STEEL COLUMNS. REFER TO FRAMING PLAN THIS DRAWING.
6. PROVIDE A SIGN AT DOOR 034B, AGRICULTURE LAB SIDE, WHICH READS "EMERGENCY ESCAPE". THE SIGN SHALL HAVE A BRIGHT YELLOW BACKGROUND WITH BLACK LETTERS, MINIMUM SIZE: 5 INCHES BY 8 INCHES.
7. GRADE SITE TO ACCOMMODATE NEW MAN DOOR. SEE STRUCTURAL S-101 FOR RETAINING WALL PLAN AND SECTION.
8. PROVIDE NEW 3" THICK FABRIC-WRAPPED ACOUSTIC CEILING PANELS WITH FIBERGLASS CORE. PANELS TO BE SUSPENDED FROM EXISTING EXPOSED CEILING WITH 4" MINIMUM CLEARANCE BETWEEN THE CEILING AND BACKSIDE OF PANEL. PANELS SHALL BE PLACED CENTERED BETWEEN EXISTING FRAMING MEMBERS. SEE FRAMING PLAN AT THIS SHEET FOR NEW PANEL LOCATIONS, LAYOUTS, SIZES, ETC. AT EXPOSED CEILING SURFACE AREAS. PANELS SHALL BE COORDINATED WITH LIGHTING LAYOUTS, CONDUIT, PIPING, DUCTWORK, ETC. LOCATED IN THE CEILING. DIMENSIONS TO BE V.I.F. WITH EXISTING FRAMING. PANELS SHALL BE CLASS A FIRE RATED.

2 / A-402 — AGRICULTURE LAB / CTE
RENOVATION PLAN- GROUND FLOOR
SCALE: 1/8"=1'-0"



2 / A-402 — AGRICULTURE LAB / CTE
FRAMING PLAN - GROUND FLOOR
SCALE: 1/8"=1'-0"

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REVISION NO:

ADDENDUM #1	11/21/2025

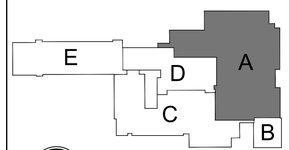
- ADDED NOTE 8 TO AG LAB/CTE CEILING PLAN.
- REVISED PARTITION TYPE TAGS AT KITCHEN AREA IN AGRICULTURAL LAB 034.
- ADDED S.S. CORNER GUARDS AT WELDING ROOM CLOSET WALLS & AT AG LAB WING WALL.
- ADDED ACOUSTICAL PANEL INFILL COLORS TO REFLECTED CEILING PLAN AT AG LAB.
- UPDATED NOTES FOR ACOUSTICAL INFILL PANELS AT HEXAGON PENDANT LIGHT FIXTURES.
- UPDATED CONSTRUCTION KEY NOTE #7 TO INCLUDE STRUCTURAL PLAN AT RETAINING WALL.

ADDENDUM #3	12/03/2025

- ADDED STRUCTURAL FRAMING PLAN.

ADDENDUM #6	12/17/2025

- REVISED CONSTRUCTION KEY NOTE #8.
- ADDED ACOUSTIC CEILING PANELS TO FRAMING PLAN.
- RELOCATED CONSTRUCTION KEY NOTE #8 TAG FROM REFLECTED CEILING PLAN TO FRAMING PLAN.
- ADDED PARTITION TYPE TO WALL BETWEEN AG. LAB AND WELDING ROOM.



KEY PLAN

BID DOCUMENTS
SED # 08-01-01-04-0-001-019

PROJECT TITLE:

Afton Central School District
29 Academy St, Afton, NY 13730

2024 Capital Project
Phase 1

SEALS:

DRAWING TITLE:

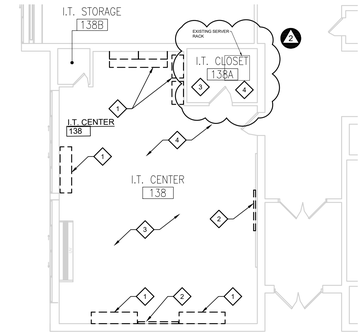
AGRICULTURE LAB / CTE
ENALRGED DEMO PLAN,
RENO PLAN & RCP

DRAWN BY:	CHECKED BY:
A.L.	D.G.
DATE:	PROJECT NO:
11/10/2025	2025-005

DRAWING NO:

A-402

CAD FILE: 5005-A-402.DWG PLOT DATE: 12/18/2025



I.T. CENTER DEMOLITION PLAN- FIRST FLOOR

1 / A-403

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

DEMOLITION LEGEND

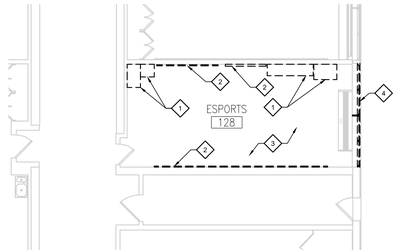
- EXISTING WALL CONSTRUCTION TO REMAIN
- EXISTING WALL CONSTRUCTION TO BE DEMOLISHED IN ITS ENTIRETY
- EXISTING DOOR TO REMAIN
- EXISTING DOOR, FRAME, AND HARDWARE TO BE REMOVED IN ITS ENTIRETY UNLESS OTHERWISE SPECIFIED
- 1 DEMOLITION KEY NOTE INDICATOR

DEMOLITION KEY NOTES

1. REMOVE EXISTING MILLWORK IN ITS ENTIRETY.
2. REMOVE EXISTING SMART-BOARD AND DRY ERASE BOARD.
3. ALL FLOOR FINISHES TO BE REMOVED. PATCH/REPAIR AND PREP SUBFLOOR FOR NEW FLOOR FINISHES.
4. REMOVE EXISTING CEILING SYSTEM(S), LIGHTING, DIFFUSERS AND SOFFITS IN THEIR ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION.

GENERAL DRAWING NOTES

1. PATCH AND REPAIR WALLS AFTER REMOVING MILLWORK AND BOARDS.



ESPORTS DEMOLITION PLAN FIRST FLOOR

4 / A-403

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

DEMOLITION LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- EXISTING WALL CONSTRUCTION TO BE DEMOLISHED IN ITS ENTIRETY
- EXISTING DOOR TO REMAIN
- EXISTING DOOR, FRAME, AND HARDWARE TO BE REMOVED IN ITS ENTIRETY UNLESS OTHERWISE SPECIFIED
- 1 DEMOLITION KEY NOTE INDICATOR

DEMOLITION KEY NOTES

1. REMOVE EXISTING MILLWORK IN ITS ENTIRETY.
2. REMOVE EXISTING SMART-BOARD, DRY ERASE BOARD, AND BULLETIN BOARD FROM EXISTING WALLS.
3. ALL FLOOR FINISHES TO BE REMOVED. PATCH/REPAIR AND PREP SUBFLOOR FOR NEW FLOOR FINISHES.
4. REMOVE EXISTING WINDOW AND FRAME.

GENERAL DRAWING NOTES

1. PATCH AND REPAIR WALLS AFTER REMOVING MILLWORK AND BOARDS.

I.T. CENTER RENOVATION PLAN- FIRST FLOOR

2 / A-403

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

CONSTRUCTION LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW WALL CONSTRUCTION
- EXISTING DOOR TO REMAIN
- NEW DOOR AND FRAME
- ROOM NAME / NO. — INDICATES ROOM NAME AND NUMBER
- 000 — INDICATES DOOR NUMBER REFER TO DOOR SCHEDULE
- BL-X — BORROWED LIGHT WINDOW TYPE
- X — NEW WALL TYPE SEE WALL TYPES SHEET G-003
- X — CONSTRUCTION KEY NOTE INDICATOR

CONSTRUCTION KEY NOTES

1. PREPARE FLOOR TO RECEIVE NEW FLOOR FINISH AND WALL BASE. SEE INTERIOR FINISH SCHEDULE.
2. PROVIDE NEW PARTITIONS AS INDICATED ON PLAN, REFER TO WALL LEGEND FOR WALL TYPE CONSTRUCTION. REFER TO WALL TYPES FOR RATED WALLS.
3. PROVIDE NEW DOOR AS INDICATED ON PLAN, REFER TO DOOR SCHEDULE FOR DOOR TYPE CONSTRUCTION.
4. PATCH, REPAIR, PRIME AND PAINT ALL WALLS.

ESPORTS RENOVATION PLAN FIRST FLOOR

5 / A-403

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

CONSTRUCTION LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW WALL CONSTRUCTION
- EXISTING DOOR TO REMAIN
- NEW DOOR AND FRAME
- ROOM NAME / NO. — INDICATES ROOM NAME AND NUMBER
- 000 — INDICATES DOOR NUMBER REFER TO DOOR SCHEDULE
- BL-X — BORROWED LIGHT WINDOW TYPE
- W-# — WINDOW TAG REFER TO WINDOW TYPE SHEET
- X — NEW WALL TYPE
- X — CONSTRUCTION KEY NOTE INDICATOR

CONSTRUCTION KEY NOTES

1. PREPARE FLOOR TO RECEIVE NEW FLOOR FINISH AND WALL BASE. SEE INTERIOR FINISH SCHEDULE.
2. PATCH, REPAIR, PRIME AND PAINT ALL WALLS.

I.T. CENTER REFLECTED CEILING PLAN- FIRST FLOOR

3 / A-403

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

CEILING LEGEND

- ROOM NAME / NO. — INDICATES ROOM NAME AND NUMBER
- X — RCP KEY NOTE INDICATOR
- EXISTING 2'X2' ACT CONSTRUCTION TO REMAIN
- EXISTING 2'X4' ACT CONSTRUCTION TO REMAIN
- NEW 2'x2' ACOUSTICAL GRID WITH NEW ACOUSTIC CEILING TILE
- NEW 2'x4' ACOUSTICAL GRID WITH NEW ACOUSTIC CEILING TILE
- PAINTED GYP CEILING
- PAINTED GYP SOFFIT
- SUPPLY AIR DIFFUSER / RETURN GRILLES. COORDINATE WITH MECH. DWGS.
- LIGHT FIXTURES. COORDINATE WITH ELEC. DWGS.
- EMERGENCY LIGHT FIXTURES. COORDINATE WITH ELEC. DWGS.

GENERAL DRAWING NOTES

1. CONTRACTOR TO COORDINATE WITH MEP CONTRACTOR AND DRAWINGS FOR LOCATIONS OF NEW CEILING MOUNTED DEVICES.

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REVISION NO:

1 ADDENDUM #1	11/21/2025

- UPDATED CEILING AND SOFFIT HEIGHT IN I.T. CENTER.

2 ADDENDUM #6	11/21/2025

- CALLED TO REMOVE AND REPLACE EXISTING CEILING AT I.T. CENTER CLOSET TO ACCOMMODATE MECH DUCT WORK.

KEY PLAN

BID DOCUMENTS

SED # 08-01-01-04-0-001-019

PROJECT TITLE:

Afton Central School District
29 Academy St, Afton, NY 13730

2024 Capital Project
Phase 1

SEALS:

DRAWING TITLE:

IT CENTER & ESPORTS ENLARGED DEMO PLANS, RENO PLANS, & RCP'S

DRAWN BY:	CHECKED BY:
A.L.	D.G.
DATE:	PROJECT NO:
11/10/2025	2025-005

DRAWING NO:

A-403

CAD FILE: 5005-A-403.DWG PLOT DATE: 12/17/2025

ROOM FINISH SCHEDULE

WALLS NOTE: FOR PURPOSES OF THE FINISH SCHEDULE "NORTH" SHALL BE CONSIDERED TO BE THE TOP OF THE SHEET.

SPACE			FLOOR	BASE	WALLS				CEILING		DOORS	FRAMES	NOTES
	NO.	NAME			N	E	S	W	FIN.	HGT.			
GROUND FLOOR	C006A	TICKETS	-	-	-	-	-	-	-	-	-	-	SEE NOTES: 1, 7, 12
	024	STEAM LAB	F-4 / COLOR 1	B-1	P-1	P-1	WC-1	WC-1	C-2 / P-3	10'-0"	D-1	FR-1	SEE NOTES: 1, 4, 6, 9, 12, 18, 20, 24, 25
	024A	ENGRAVING ROOM	F-4 / COLOR 1	B-1	P-5	P-5	P-5	P-5	C-1	10'-0"	D-1	FR-1	SEE NOTES: 1, 4, 6, 12, 20
	024B	COMPUTER / 3D PRINTING LAB	F-4 / COLOR 1	B-1	P-4	P-4	P-4	P-4	C-4	10'-0"	D-1	FR-1	SEE NOTES: 1, 4, 6, 12, 20
	025	LIBRARY / MEDIA CENTER	F-1	B-1	P-1 / P-5	P-1	P-1 / P-5	P-1 / P-5	C-3	10'-0"	D-1	FR-1	SEE NOTES: 1, 2, 6, 12, 13, 20, 23
	025A	ROOM NOT USED	-	-	-	-	-	-	-	-	-	-	-
	025B	SERVER	-	B-EX	P-EX	P-EX	P-EX	P-EX	C-1	10'-0"	EXIST'G	FR-1	SEE NOTES: 1, 12
	034	AGRICULTURE LAB	F-4 / COLOR 2	B-1	P-5	P-1	P-1	P-1 / P-5	EXP. / P-1 C-5 / C-6	14'-2"	EXIST'G	FR-1	SEE NOTES: 1, 4, 6, 12, 14, 15, 16, 28
	034A	STORAGE	EXISTING	-	P-1	-	-	-	EXIST.	14'-2"	-	FR-1	SEE NOTES: 1, 12
	034B	WELDING ROOM	SEE NOTE #5	B-1	P-4	P-4	P-4	P-4	EXPOSED P-1 / C-6	14'-2"	D-1	FR-1	SEE NOTES: 1, 5, 6, 12, 14, 16, 20, 28
	034C	ANIMAL ROOM	F-4 / COLOR 2	B-1	P-4	P-4	P-4	P-4	C-1	10'-0"	D-1	FR-1	SEE NOTES: 1, 4, 6, 12, 20
FIRST FLOOR	128	eSPORTS ROOM	F-2	B-1	WC-1	P-4	P-4	P-4	EXIST'G	-	EXIST'G	FR-1	SEE NOTES: 1, 6, 10, 12
	138	I.T. CENTER	F-3	B-1	P-1 / P-5 - SEE FINISH NOTE #8				C-1	9'-0"	D-1	FR-1	SEE NOTES: 1, 3, 6, 8, 12, 19, 20, 26
	138A	I.T. CLOSET	EXIST'G	EXIST'G	-	-	-	-	EXIST'G	-	EXIST'G	FR-1	SEE NOTES: 1, 12
	138B	I.T. STORAGE	EXIST'G	EXIST'G	-	-	-	-	EXIST'G	-	EXIST'G	FR-1	SEE NOTES: 1, 12

ATTIC STOCK:

CONTRACTOR SHALL PROVIDE MATERIAL FOR ATTIC STOCK AS LISTED BELOW.

NOTE: PROVIDE ALL ATTIC STOCK MATERIALS IN ORIGINAL CARTONS. ALSO WRAP AND LABEL ANY FULL SIZE TILES AND USABLE CUTS FROM OPEN CARTONS REMAINING FROM INSTALLATION, AND PLACE IN STORAGE AS DIRECTED BY THE OWNER.

FLOOR FINISHES:

PRODUCT F-1: (1) FULL CARTON OF ALL STYLES, REMAINING FULL SIZE TILES FROM INSTALLATION & USABLE CUTS FROM INSTALLATION OF ALL STYLES.
PRODUCT F-2: REMAINING FULL SIZE TILES FROM INSTALLATION.
PRODUCT F-3: REMAINING FULL SIZE TILES FROM INSTALLATION.
PRODUCT F-4: NO ATTIC STOCK.

CEILING FINISHES:

C-1: ULTIMA HIGH-NRC #2081:	2' X 2' x 1"	2 CARTONS (48 S.F. per CARTON)
C-2: VAPOR "CLUSTER" DENSE:	2' X 4' x 1-1/2"	TBD BY OWNER
C-3: CALLA SHAPES for DESIGNFLEX:		
#100109: 60° TRAPEZOID, 48" BASE	2' X 4' X 1"	1 CARTON (8 PCS per CARTON)
#100101: 60° TRIANGLE, 24" BASE	2' X 2' X 1"	1 CARTON (12 PCS per CARTON)
C-4: CALLA TEGUAL #2822BK:	2' X 2' X 1"	1 CARTON (40 S.F. per CARTON)
C-5: AXIS SOFTZONE INFILL PANELS:	4' SEG X 1"	2 SEGMENTS OF EACH COLOR LISTED IN FINISH LEGEND
C-6: TECTUM DIRECT-ATTACH:	2' X 4' X 1"	TBD BY OWNER

WALL PROTECTION:

CG-1: SERIES 90° SURFACE MOUNTED CORNER GUARD: PROVIDE A QUANTITY OF (2) FOR ATTIC STOCK.

ADDITIONAL FINISHES SCOPE:

1. REFERENCE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND ABATEMENT DRAWINGS FOR FULL EXTENT OF SPACES THAT ARE AFFECTED BY DEMOLITION AND/ OR RENOVATIONS. PATCH AND REPAIR EXISTING FINISHES IN KIND WHICH ARE DISTURBED BY DEMOLITION AND/OR RENOVATION AT ALL AREAS WITHIN THE SCOPE OF WORK WHICH ARE NOT OTHERWISE ADDRESSED ON A ROOM BY ROOM BASIS IN THE FINISH SCHEDULE AT THIS SHEET, AS WELL AS SPACES WITHIN THE FINISH SCHEDULE WHICH ARE DESIGNATED w/ EXISTING FINISHES TO REMAIN.
    - ANTICIPATE SURFACE PREP & REPAIRS RELATED TO DEMOLITION AS WELL AS SURFACE PREP AND REPAIRS WHICH MAY BE REQUIRED FOR INSTALLATION OF NEW & PATCHING OF EXIST'G FINISHES.
    - INSTALLATION OF NEW DOORS AND/OR FRAMES WHICH OCCUR IN SPACES WHICH ARE NOT DESIGNATED TO RECEIVE NEW FINISHES WITHIN THE SCHEDULE ABOVE SHALL REQUIRE PATCH AND REPAIR OF EXIST'G FINISHES TO REMAIN. PROVIDE WALL FINISH, FLOOR FINISH & BASE MATERIAL PATCHES AND REPAIRS AT EACH LOCATION.
    - WALL PAINTS WHICH CANNOT BE MATCHED FOR COLOR AND/OR SHEEN SHALL BE RE-PAINTED IN THEIR ENTIRETY.
    - ALL EXISTING HM DOORS AND/ OR HM FRAMES OCCURRING WITHIN WALLS PAINTED IN THEIR ENTIRETY WHETHER DESIGNATED IN THE FINISH SCHEDULE OR PAINTED DUE TO PATCH AND REPAIR SHALL ALSO BE PAINTED IN THEIR ENTIRETY.
    - ANTICIPATE PATCH AND REPAIR OF FLOORINGS & BASE AS WELL AS PAINTS AT WALLS FOR UNDER FLOOR DEMOLITION AND /OR INSTALLATIONS REQUIRED FOR MEP SCOPE OF WORK.
    - ANTICIPATE PATCH AND REPAIR OF CEILINGS AS WELL AS PAINTS AT WALLS AND SOFFITS FOR ABOVE CEILING DEMOLITION AND/OR INSTALLATIONS REQUIRED FOR MEP SCOPE OF WORK.

GENERAL NOTES for INTERIOR FINISHES:

1. FOR PURPOSES OF THE FINISH SCHEDULE, NORTH SHALL BE CONSIDERED TO BE THE TOP OF THE SHEET MS - PLEASE NOTE - THIS IS NOT CONSISTENT WITH "TRUE NORTH" AS INDICATED ON THE FLOOR PLANS.
2. PAINTED FINISHES SHALL BE AS FOLLOWS:
    - UNLESS OTHERWISE NOTED, PAINTED GYPSUM WALLS, CEILINGS, AND SOFFITS SHALL BE SATIN FINISH - SHERWIN WILLIAMS PROMAR 200 ZERO VOC INTERIOR LATEX SERIES.
        - ADJUST SHEEN PER MFGR. RECOMMENDATIONS FOR DARKER COLORS TO AVOID BURNISHING.
    - UNLESS OTHERWISE NOTED, PAINTED H.M. AND WOOD DOORS, FRAMES AND TRIMS SHALL BE SEMI-GLOSS FINISH - SHERWIN WILLIAMS ACRYLIC SERIES.
    - UNLESS OTHERWISE NOTED, PAINTED WOOD TRIMS & CHAIR RAILS SHALL BE SEMI-GLOSS FINISH - SHERWIN WILLIAMS PRO INDUSTRIAL ACRYLIC SERIES.
3. INSTALL VAPOR EMISSIONS CONTROL PRODUCT AT ALL (CONCRETE) FLOOR AREAS DESIGNATED TO RECEIVE RESILIENT VINYL TILE, MODULAR CARPETING, OR OTHER RESINOUS OR ADHERED FLOORING MATERIALS. PRODUCT SHALL BE KOESTER VAP I 2000 SYSTEM AS MANUFACTURED BY KOESTER AMERICAN CORPORATION OR EQUAL SYSTEM. REFERENCE ARCHITECTURAL SPECIFICATIONS AND MANUFACTURER'S PRODUCT LITERATURE FOR SYSTEM REQUIREMENTS (TYPICAL).
4. ALL WOOD TRIMS, CASINGS, BASE AND MISC. EDGE BANDS, VENEERS OR TRIMS TO BE STAINED SHALL BE STAINED AND FINISHED TO MATCH ONE ANOTHER USING THE ARCHITECT'S SAMPLE (OR ADJACENT FINISH AS INDICATED IN THE FINISH NOTES) AS THE CONTROL SAMPLE. FIELD FINISHED MATERIALS SHALL BE PREPARED AND TREATED SO AS TO ACHIEVE A FURNITURE GRADE "SATIN" FINISH. SUBMIT ACTUAL SAMPLES ON ACTUAL WOOD MATERIAL(S) FOR APPROVAL BY ARCHITECT PRIOR TO FINISHING OF ANY PROJECT MATERIALS.
5. FACES AND DOORS OF ELEC. PANELS, ACCESS PANELS, HATCHES, ETC. WHICH FULLY OCCUR AT WALLS TO RECEIVE WALLCOVERING OR FINISHED WALL PANELS SHALL ALSO BE COVERED W/ WALLCOVERING OR FINISHED PANEL - MATCH ANY PATTERNS IN HORIZONTAL AND VERTICAL DIRECTIONS. PANELS, HATCHES, ETC. WHICH OCCUR AT PAINTED WALLS (OR CEILINGS) OR WHICH SPAN A TRANSITION BETWEEN PAINT AND WALLCOVERING SHALL BE PAINTED TO MATCH THE WALL/ CEILING AT WHICH IT OCCURS (INCLUDING NEW ITEMS THAT HAVE AN UNMATCHED FACTORY ENAMEL FINISH - THE EXCEPTION SHALL BE ITEMS WHICH HAVE A BRASS, STAINLESS STEEL, ANOD. ALUM., OR BRONZE FACTORY FINISH. POWDER COATED OR FACTORY PAINTED "WHITE" ENAMEL HATCHES WHICH OCCUR AT "WHITE" PAINTED CEILINGS MAY ALSO BE EXCLUDED.
6. PROVIDE AND INSTALL REDUCERS, ADAPTERS, TRANSITIONS, AND THRESHOLDS (INCLUDING AT DOORWAYS) AS REQUIRED AT TRANSITIONS AND/OR TERMINATIONS OF FLOORINGS. COLOR OF RESILIENT REDUCERS SHALL BE AS INDICATED IN THE FINISH LEGEND.
7. AS PER REGULATIONS DO NOT PAINT SPRINKLER HEADS, COVERS, OR TRIM.
8. SEE NOTES @ THIS SHEET FOR ATTIC STOCK REQUIREMENTS.
9. ALL FURNITURE SHOWN AT PLAN ARE N.I.C., TYP. U.O.N.
10. ALL PRODUCTS UTILIZED FOR WHICH SPECIFICATION SELECTIONS HAVE NOT BEEN ISSUED SHALL BE CONSIDERED THE BASIS OF DESIGN AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. SUBMITTAL INFORMATION IS TO BE PROVIDED AS DESCRIBED IN DIVISION 01 OF THE SPECIFICATIONS FOR ALL PRODUCTS.

ROOM FINISH LEGEND:

FLOORINGS

F-1: MODULAR CARPET
THE FOLLOWING STYLES ARE USED TO CREATE FLOOR FINISH PATTERN(S):
MFGR: MOHAWK GROUP
STYLE(S): #1: SHARED PATH BT429
COLOR: #989 "CHARCOAL"
SIZE: 12" x 36"
#2: COLOR BALANCE GT405
COLOR: #373 "ATOMIC"
SIZE: 12" x 36"
#3: SIDE STRIPE GT419
COLOR: #963 "HERITAGE"
SIZE: 24" x 24"
INSTALLATION: HALF-LAP & QUARTER TURN
SEE FLOOR FINISH PLAN
CONTACT: CONNIE HASARA
PH: 570-977-4072

F-2: MODULAR CARPET
MFGR: INTERFACE
COLLECTION: STREAMING
STYLE: # 161680AK00 - BITRATE
COLOR: # 106298 - "DARK RED"
SIZE: 25cm X 1m
INSTALLATION: ASHLAR
SEE FLOOR FINISH PLAN
CONTACT: ERICA GROH
PH: 717-617-7844

F-3: STATIC DISSIPATIVE TILE
MFGR: ROPPE
STYLE: ESD VINYL STATIC CONTROL TILE
COLOR: #756 - "THUNDER BLACK"
SIZE: 24" x 24" (SQUARE EDGE)
INSTALLATION: MONOLITHIC
SEE FLOOR FINISH PLAN -
COORDINATE W/ ELECT. DWGS.
CONTACT: MARILYN SAENZ
PH: 215-932-2291

F-4: DECORATIVE FLAKE BROADCAST FLOOR SYSTEM
MFGR: TORGINOL
DISTR'B: SHERWIN WILLIAMS
SERIES: POLYMER FLAKE SYSTEM
(1) PRIMER / SEALER COAT
(1) PIGMENTED EPOXY BASECOAT
BROADCASTED FLAKES
(2) TOP COATS
COLOR(S): #1: "FREDDIE" #FB-256
#F9902 - 55% (¼" FLAKE SIZE)
#F1050 - 20% (¼" FLAKE SIZE)
#F9995 - 10% (¼" FLAKE SIZE)
#F1820 - 08% (¼" FLAKE SIZE)
#F2240 - 04% (¼" FLAKE SIZE)
#F9959 - 03% (¼" FLAKE SIZE)
#2: "CUSTOM BLEND" of the following colors:
#F1820 - 50% (¼" FLAKE SIZE)
#F9959 - 30% (¼" FLAKE SIZE)
#F2200 - 10% (¼" FLAKE SIZE)
#F9907 - 10% (¼" FLAKE SIZE)
COVERAGE: FULL COVERAGE
THICKNESS: 1/8" THICK (TOTAL SYSTEM)
CONTACT: JOEL STILWELL
PH: 412-389-5635

BASE MATERIALS:

B-EX: WALL BASE (TO MATCH EXISTING)
MFGR: TO MATCH EXISTING
MATERIAL: TO MATCH EXISTING
SIZE: TO MATCH EXISTING
COLOR: TO MATCH EXISTING

B-1: 4" RUBBER BASE & TRANSITIONS
MFGR: ROPPE
STYLE: PINNACLE
PROFILE: 4"H
COLOR: #100 "BLACK"

RESILIENT TRANSITIONS:
PROVIDE ROPPE REDUCERS/ADAPTERS & TRANSITIONS:
- AS REQUIRED AT EDGES OF DIFFERENT HEIGHT FLOORINGS.
- AT EDGES OF SAME OR VERY SIMILAR HEIGHT FLOORINGS.

COLOR: #100 "BLACK"

CONTACT: MARILYN SAENZ
PH: 215-932-2291

WALL FINISHES / PAINTS:

P-EX: PAINT (TO MATCH EXISTING)
VARIOUS EXISTING PAINT COLORS EXIST WITHIN THE SCHOOL AT WALLS, CEILINGS, DOORS AND FRAMES. COLOR INFORMATION MAY BE AVAILABLE FROM THE DISTRICT, HOWEVER, COLOR MATCHING MAY ALSO BE REQUIRED. FIELD VERIFY COLOR AND SHEEN AT AREAS OF PATCH AND REPAIR WORK.

P-1: PAINT
MFGR: SHERWIN WILLIAMS
COLOR: # SW 7005 "PURE WHITE"

P-2: PAINT
MFGR: SHERWIN WILLIAMS
COLOR: # SW 6258 "TRICORN BLACK"

P-3: PAINT
MFGR: SHERWIN WILLIAMS
COLOR: # SW 7588 "SHOW STOPPER"

P-4: PAINT
MFGR: SHERWIN WILLIAMS
COLOR: # SW 7667 "ZIRCON"

P-5: PAINT
MFGR: SHERWIN WILLIAMS
COLOR: # SW 2849 "WESTCHESTER GRAY"

P-6: PAINT (NOT USED)

P-7: PAINT (NOT USED)

WALL FINISHES / PANELS:

WC-1: VINYL SUPER-GRAPHIC WALLCOVERING
MFGR: TAKEFORM
STYLE: AMPLIFY / SELF-ADHESIVE
PRODUCT #: SA-105 "TRAFFIC"
THICKNESS: 4 MIL
ROLL WIDTH: 54"W
FLAMMABILITY: ASTM E84 CLASS A/1
NOTE: Graphic To Be Confirmed by Architect in Shop Drawing Review
CONTACT: PH: 800-528-1398

WALL PROTECTION PRODUCTS:

WPP-1: METAL SHEET (deleted) 6

CG-1: STAINLESS STEEL CORNER GUARDS
MFGR: IN-PRO CORP.
STYLE: 90° SURFACE MOUNTED
SIZE: 48"H x 2" WING
TYPE 304 /16 GAUGE
FINISH: NO. 4 SATIN
MOUNT: MECHANICALLY FASTEN
CONTACT: ABBEY RICE
PH: 800-222-5556 x5094

CEILINGS:

C-1: HIGH-NRC ACOUSTICAL CEILING TILE
MFGR: ARMSTRONG
PRODUCT: ULTIMA HIGH NRC
(0.85 NRC / 35 CAC / 170 AC)
ITEM #: # 2081
SIZE: 24" X 24" X 1"
COLOR: WHITE (WH)
EDGE: BEVELED TEGULAR
GRID: 15/16" PRELUDE / COLOR: WHITE
CONTACT: BENJAMIN HINKLE
PH: 717-719-3764

C-2: METAL PERFORATED CEILING TILE
MFGR: ARKTURA
DISTR'B: NOLAN BRANDS
STYLE: VAPOR
PATTERN: "CLUSTER" - DENSE
SIZE: 24" x 48" x 1-1/2" TOTAL THICKNESS
MATERIAL: POWDER COATED ALUMINUM
COLOR: "T-GRID WHITE"
GRID: MFGR: ARMSTRONG
STYLE: 15/16" FLAT T-GRID
COLOR: WHITE (WH)
NOTE: COORDINATE W/ ELECTRICAL DWGS FOR INTEGRAL LIGHT FIXTURE LAYOUT.
CONTACT: RYAN GRAVER
PH: 609-668-5954

C-3: DECORATIVE ACT
MFGR: ARMSTRONG
PRODUCT: CALLA SHAPES FOR DESIGNFLEX
PATTERN: STYLE # SH 32
ACOUSTICS: (0.80 NRC / 35 CAC)
SIZE(S): SHAPES USED IN THIS PATTERN:
#100109: 60° TRAPEZOID, 48" BASE
#100101: 60° TRIANGLE, 24" BASE
COLOR: WHITE (WH)
EDGE: SQUARE TEGULAR
GRID: 9/16" SUPRAFINE XM for SHAPES
2' MAIN BEAM SPACING / COLOR: WHITE
NOTE: AXIS GEOMETRIX LIGHTING & PRICE INDUSTRIES SHAPED DIFFUSERS SHALL BE INSTALLED WITH THIS CEILING TYPE. REFERENCE RCP, MECH. & ELECT. DRAWINGS.
CONTACT: BENJAMIN HINKLE
PH: 717-719-3764

C-4: ACOUSTICAL CEILING TILE
MANUF: ARMSTRONG
STYLE: CALLA - TEGULAR
ITEM: #2822BK
COLOR: "BLACK"
SIZE: 24" x 24" x 1" THICK
ACOUSTICS: 0.85 NRC / 35 CAC / 170 AC
GRID: PRELUDE XL $^{15}/_{16}$" / COLOR: BLACK
CONTACT: BENJAMIN HINKLE
PH: 717-719-3764

C-5: ACOUSTICAL CANOPY W/ INTEGRATED LIGHTING
MFGR: AXIS
DISTR'B: LIGHTING SOLUTIONS
PRODUCT: STENCIL SOFTZONE
STYLE: 6-PANEL SEGMENTED HEXAGON
SIZE: 48" SECTION LENGTHS x 1" THICK
INFILL COLOR(S): #1: CARBON (CAR)
~~#2: CONCRETE (CON)~~
6 #3: NAVY (NAV)
~~#4: LEMON (LEM)~~
NOTE: REFERENCE RCP & ELECTRICAL DRAWINGS.
Some Colors are Special Order -
Allow for Extended Lead Time.
CONTACT: TRENT GATES
PH: 610-597-0190

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C-6: SUSPENDED ACOUSTICAL CLG. PANELS
MFGR: KINETICS NOISE CONTROL
STYLE: HARDSIDE CLOUD ACOUSTIC PANELS
SIZE: 24"W x 48"L x 3" THICK
EDGE: SQUARE
MOUNT.: SUSPENDED W/ ROTOFAST CLOUD ANCHORS
REFERENCE REFL. CLG. PLAN

TEXTILE FINISH:
MFGR: GUILFORD OF MAINE
STYLE: FR-701
COLOR: 2100-538 "SILVER PAPIER"

NOTE: CEILING PAINTS ARE REFERENCED FROM THE LIST OF WALL PAINTS AT LEFT.

DOORS:

D-1: PRE-FINISHED WOOD
MFGR: VT INDUSTRIES (or EQUAL)
SPECIES: NATURAL BIRCH
STAIN: # AL18 - "ALPINE"
NOTE: FINAL SPECIES & STAIN COLOR TO BE CONFIRMED BY ARCHITECT DURING SHOP DRAWING REVIEW
CONTACT: DOUG BACHAND
Cell: 919-452-3716

D-2: ALUMINUM GLAZED
STYLE: PER ARCH. SPECIFICATION
COLOR: TO BE SELECTED FR. MANF. STANDARD COLORS
NOTE: NO FIELD-FINISHING REQUIRED.

FRAMES:

FR-1: PAINTED H.M.
MFGR: SHERWIN WILLIAMS
COLOR: # SW 6258 "TRICORN BLACK"

FR-2: ALUMINUM
STYLE: PER ARCH. SPECIFICATION
COLOR: TO BE SELECTED FR. MANF. STANDARD COLORS
NOTE: NO FIELD-FINISHING REQUIRED.

NOTE: UTILIZE INDUSTRIAL PAINT SYSTEM SUITABLE FOR BOTH NEW AND PREVIOUSLY PAINTED HM FRAMES

MILLWORK:

PL-1: PLASTIC LAMINATE
MFGR: WILSONART
COLOR: #5013K - "MUSHROOM"
FINISH: #19 - LENO WEAVE w/ AEON SCRATCH-RESISTANCE TECH.

PL-2: PLASTIC LAMINATE
MFGR: WILSONART
COLOR: #5024K - "BLACKBIRD"
FINISH: #19 - LENO WEAVE w/ AEON SCRATCH-RESISTANCE TECH.

PL-3: PLASTIC LAMINATE
MFGR: FORMICA
COLOR: #M3091 - "CRYSTAL WHITE MAGNETIC MARKERBOARD"
FINISH: #90 - GLOSS

PL-4: PLASTIC LAMINATE
MFGR: WILSONART
COLOR: #5014K - "BATTLESHIP"
FINISH: #19 - LENO WEAVE w/ AEON SCRATCH-RESISTANCE TECH.

PL-5: PLASTIC LAMINATE
MFGR: WILSONART
COLOR: #8269K - "MAPLE PB NATURAL"
FINISH: #05 - TIMBERGRAIN w/ AEON SCRATCH-RESISTANCE TECH.

SOL-1: SOLID SURFACE
MFGR: MEGANITE
SERIES: STONE
COLOR: # 519SA - "RAIN CLOUD"
FINISH: SEMI-GLOSS

SOL-2: SOLID SURFACE
MFGR: MEGANITE
SERIES: VIVID
COLOR: # 088A - "FIRE"
FINISH: MATTE

SOL-3: SOLID SURFACE
MFGR: HANEX
COLOR: # P-002 - "METAL GREY"

BBK-1: BUTCHER BLOCK COUNTERTOP
SPECIES: MAPLE
STAIN: CLEAR / NATURAL
FINISH: SATIN / ANTIMICROBIAL
THICKNESS: 2" (NOMINAL)

SS-1: STAINLESS STEEL COUNTERTOP
STYLE: PER ARCH. SPECIFICATION

MISCELLANEOUS:

WS-1: MANUAL SOLAR SHADE
MFGR: MECHO SHADE
SYSTEM: TBD
MOUNT: TBD
STYLE: THERMOVEIL 1500 SERIES
OPENNESS: 3%
COLOR: #1520 "SHADOW GREY"
CONTACT: DOUGLAS MCCOY
PH: 267-889-3948

WS-2: AUTOMATED PRIVACY SHADE
MFGR: MECHO SHADE
SYSTEM: TBD
MOUNT: TBD
STYLE: TBD
OPENNESS: 0% BLACKOUT
COLOR: #- "COLOR TBD"
NOTE: SHADE SYSTEM SHALL BE TIED INTO LOCK-DOWN SYSTEM - COORD. W/ ELEC. DWGS.
CONTACT: DOUGLAS MCCOY
PH: 267-889-3948

TACK-1: TACK PANEL FABRIC
MFGR: DUVALTEX
COLLECT.: GUILFORD OF MAINE
STYLE: FR701 2100
COLOR: #298 "MEDIUM GREY"

ILLUMINATED DIMENSIONAL LOGO:
MFGR: TAKEFORM
STYLE: ETHOS
MATERIAL: PAINTED ACRYLIC
COLOR(S): #1: COLOR TBD
#2: COLOR TBD
#3: COLOR TBD
MOUNTING: STUD MOUNT / CONCEALED FASTENERS
NOTE: **RBG HALO LIGHTING** TO BE INCLD.
SEE ELEV. & ELECT. DWGS.
CONTACT: PH: 800-528-1398

PVC EDGE SCHEDULE

LAMINATE DESIGNATIONS	SURTECO WOODTAPE PVC COLOR
PL-1	#30537EL
PL-2	#60207EL
PL-3	# N/A
PL-4	#30538EL
PL-5	#31690EVM

NOTES:

1. ALL DOORS, DRAWERS, AND COUNTERTOPS & ADJUSTABLE SHELVES THAT RECEIVE PL. LAM. FINISH SHALL RECEIVE 3mm PVC EDGES.
2. ALL CABINETS FRAMES THAT RECEIVE PL. LAM. FINISH SHALL RECEIVE 3mm PVC EDGES.
3. EDGEBANDING LISTED IN SCHEDULE ABOVE ARE **NOT** TYPICALLY STOCKED - ALLOW FOR LONGER LEAD TIME.

INTERIOR FINISHES NOTES:

1. REFERENCE PARTIAL FLOOR FINISH PLANS @ SHEET A-702 FOR EXTENTS, LAYOUT & PATTERNING OF FLOOR FINISHES.
2. INSTALL MODULAR CARPET TILE (F-1 / ALL STYLES) AT MEDIA CENTER & SERVER. PROVIDE FOR AN ADA-COMPLIANT FLOOR TRANSITIONS BETWEEN DIFFERING FLOOR FINISHES AT THRESHOLDS (ONLY).
3. INSTALL ELECTRO-STATIC DISSIPATIVE VINYL TILE (F-3) AT I.T. CENTER AND ADJACENT SPACES AS LISTED IN THE ROOM FINISH SCHEDULE. FLOOR TILE SHALL BE INSTALLED W/ SPECIALTY ADHESIVE AND COOPER GROUNDING STRIPS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS. COORDINATE GROUNDING W/ ELECTRICAL DRAWINGS.
4. INSTALL DECORATIVE FLAKE BROADCAST FLOOR SYSTEM (F-4 / COLOR 1) AT STEAM LAB, ENGRAVING ROOM, & 3D PRINTING ROOM, AND INSTALL (F-4 / COLOR 2) AT AG LAB & ANIMAL ROOM. PLEASE NOTE THAT THE DESIRED APPEARANCE SHALL BE "FULL COVERAGE" - THE PIGMENTED BASE COAT SHALL BE COVERED IN ITS ENTIRETY UPON INSTALLATION OF THE BROADCAST FLAKES. PROVIDE FOR A SLIP-RESISTANT TOP COAT FINISH. REFERENCE FINISH LEGEND FOR STANDARD & CUSTOM BLEND COLORS.
5. PROVIDE & INSTALL CONCRETE SEALER AT EXISTING CONCRETE SLAB AT WELDING ROOM 034B. FINISH SHALL BE SATIN W/ SLIP-RESISTANT ADDITIVE. LEVEL OF SLIP-RESISTANT FINISH SHALL BE CONFIRMED WITH ARCHITECT & OWNER PRIOR TO ORDERING MATERIAL & INSTALLATION - SEE ARCH. SPECIFICATION.
6. INSTALL INSTALL RUBBER BASE (B-1) AT ALL AREAS INDICATED AT FINISH SCHEDULE. RUBBER BASE STYLES MAY DIFFER BASED ON THE FLOOR FINISH TYPE AT WHICH IT OCCURS. HEIGHT = 4"H (TYPICAL).
7. ALL FINISHES WITHIN TICKETS C006A SHALL BE EXISTING TO REMAIN.
8. PAINT ALL EXISTING WALL CONSTRUCTION WITHIN I.T. CENTER: P-1 "PURE WHITE". PAINT ALL NEW GYPSUM WALL SURFACES (EXCLUDING SOFFITS) WITHIN I.T. CENTER: P-5 "WESTCHESTER GRAY". TERMINATE PAINT COLORS AT THE NEAREST INSIDE OR OUTSIDE CORNER (ONLY).
9. PROVIDE & INSTALL SUPER GRAPHIC WALL COVERING (WC-1) AT ENTIRETY OF "SOUTH" & "WEST" WALLS WITHIN STEAM LAB. ALL OTHER WALLS WITHIN SPACE SHALL BE PAINTED P-1 "PURE WHITE".
10. PROVIDE & INSTALL SUPER GRAPHIC WALL COVERING (WC-1), AT ENTIRETY OF "NORTH" WALL AT ESPORTS ROOM. ALL OTHER WALLS WITHIN SPACE SHALL BE PAINTED P-4 "ZIRCON".
11. EXISTING FINISHES SHALL REMAIN AT CORRIDORS C0004 & C0006. PATCH & MATCH WALL BASE (B-EX), AND PATCH & MATCH PAINT (P-EX) TO MATCH EXISTING WALL PAINT PATTERN. TRANSITION PAINT AT AN INSIDE OR OUTSIDE CORNER (ONLY).
12. REFERENCE REFLECTED CEILING PLANS FOR HEIGHTS, EXTENTS, & LAYOUTS / CONFIGURATIONS OF CEILING FINISHES.
13. INSTALL NEW PERFORATED METAL CEILING TILE & GRID (C-2) @ STEAM LAB. EXPOSED CEILING ABOVE METAL PERFORATED TILES SHALL BE VISIBLE, THEREFORE, PAINT ENTIRETY OF EXPOSED CEILING ABOVE CEILING (C-2): P-3 "SHOW STOPPER", INCLUDING STRUCTURAL STEEL, EXPOSED DUCTWORK, CONDUIT, PIPING, MISCELLANEOUS METALS, HANGERS AND SUPPORTS. ALSO NOTE THE FOLLOWING:
    - CEILING PANELS HAVE A (4) TILE PATTERN CONFIGURATION (A, B, C, D). SEE RCP FOR LAYOUT SEQUENCE.
    - CEILING TILES HAVE A THICKNESS THAT PROJECT DOWN FROM CEILING GRID - CEILING SHALL BE AT 10'-0" A.F.F. TO THE BOTTOM FACE OF THE CEILING TILE (NOT THE GRID).
    - PAINT SHALL BE DRY FALL, UNLESS OTHERWISE NOTED - SEE GENERAL NOTES.
    - COORDINATE W/ ELECTRICAL DRAWINGS FOR INTEGRAL "IN-LINE" LIGHT FIXTURE LAYOUT.

13. INSTALL NEW DECORATIVE ACOUSTICAL CEILING TILE & GRID (C-3) @ MEDIA CENTER. PATTERN CONSISTS OF "TRAPEZOID" AND "TRIANGLE" SHAPED CEILING TILES - REFERENCE REFLECTED CEILING PLAN FOR CONFIGURATION & PATTERN REPEAT, AND ALSO NOTE THE FOLLOWING:
    - "TRAPEZOID" AND "TRIANGLE" SHAPED LIGHT FIXTURES & DIFFUSERS SHALL BE INSTALLED WITH THIS CEILING TYPE (ONLY) - REFERENCE MECHANICAL & ELECTRICAL DRAWINGS.
14. PAINT ENTIRE EXPOSED CEILING ABOVE AG LAB & WELDING ROOM: P-1 "PURE WHITE", INCLUDING STRUCTURAL STEEL, EXPOSED DUCTWORK, CONDUIT, PIPING, MISCELLANEOUS METALS, HANGERS AND SUPPORTS.
15. ELECTRICAL CONTRACTOR TO PROVIDE NEW ACOUSTICAL INFILL PANELS (C-5) WITHIN HEXAGON LIGHT FIXTURES AT AG LAB, AND NOTE THE FOLLOWING: 6
    - ACOUSTICAL INFILL PANELS ARE 48" SEGMENTS - EACH HEXAGON LIGHT FIXTURE SHALL RECEIVE (6) INFILL PANELS OF THE SAME COLOR TO CREATE THE APPEARANCE OF SOLID PANELS - REFERENCE MANUFACTURER'S RECOMMENDED INSTALLATION METHOD FOR HANGING ACOUSTICAL INFILL PANELS.
    - REFERENCE REFLECTED CEILING PLAN FOR ACOUSTICAL INFILL PANEL COLOR DESIGNATIONS AND PATTERN LAYOUT.
    - NEW CORD REELS ARE SUSPENDED FROM THE EXISTING EXPOSED CEILING AND ARE INTENDED TO HANG BETWEEN THE HEXAGON LIGHT FIXTURES - COORDINATE LAYOUT W/ ELECTRICAL DRAWINGS.
16. INSTALL NEW ACOUSTIC CEILING PANELS (C-6) AT AVAILABLE DECK SPACE OF EXPOSED CEILING @ AG LAB AND WELDING ROOM, AND NOTE THE FOLLOWING: 6
    - SEE FRAMING PLAN AT SHEET A-402 FOR NEW PANELS LAYOUT, SIZES, LOCATIONS, ETC. AT EXPOSED CEILING SURFACE.
    - PANELS SHALL BE SUSPENDED FROM THE EXISTING CEILING DECK WITH 4" MINIMUM CLEARANCE BETWEEN THE CEILING AND BACK-SIDE OF THE PANEL TO ACHIEVE AN ACOUSTICAL RATING OF 1.00 NRC - SEE MANUFACTURER'S RECOMMENDING MOUNTING METHODS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
    - PANELS SHALL BE COORDINATED WITH LIGHTING, DUCTWORK, CONDUIT, PIPING, ETC. LOCATED IN THE CEILING. DIMENSIONS TO BE V.I.F. WITH EXISTING FRAMING.
    - INSTALL PANELS UPON COMPLETION OF SPRAY FIRE-PROOFING AND PAINTING OF EXPOSED CEILING.
    - PANELS SHALL BE POSITIONED / CENTERED BETWEEN EXISTING FRAMING MEMBERS.
17. PAINT ALL FACES OF NEW GYPSUM SOFFITS AND BULKHEADS: P-1 "PURE WHITE". PAINT ALL FACES OF EXISTING GYPSUM SOFFITS AND BULKHEADS: P-EX (TO MATCH EXISTING), TYPICAL UNLESS OTHERWISE NOTED.
18. PAINT VERTICAL FACE AND UNDERSIDE OF NEW GYPSUM SOFFIT AT "EAST" WALL AT STEAM LAB (SCHEDULED TO RECEIVE MOTORIZED WINDOW SHADE POCKET): P-3 "SHOW STOPPER".
19. PAINT VERTICAL FACE AND UNDERSIDE OF NEW GYPSUM SOFFIT AT "SOUTH" WALL AT I.T. CENTER: P-3 "SHOW STOPPER". PAINT VERTICAL FACE AND UNDERSIDE OF NEW GYPSUM SOFFIT ABOVE NEW WALL CABINETS: P-5 "WESTCHESTER GRAY".
20. NEW PRE-FINISHED WOOD DOOR (D-1) SPECIES & STAIN COLOR ARE INTENDED TO MATCH EXISTING WOOD DOORS. ARCHITECT SHALL VERIFY SPECIES AND STAIN COLOR DURING SHOP DRAWING REVIEW.
21. HM DOOR FRAMES WITHIN RENOVATION AREA SHALL BE PAINTED IN THEIR ENTIRETY INCLUDING NEW HM FRAMES, EXISTING HM FRAMES RECEIVING NEW DOORS AND EXISTING HM FRAMES OCCURRING AT WALLS RECEIVING NEW FINISHES. REMAINING FRAMES (OCCURRING IN WALLS WITH EXISTING FINISHES TO REMAIN) MAY ALSO BE "EXIST'G TO REMAIN", HOWEVER TOUCH UP OF EXISTING COLOR MAY BE REQUIRED. FRAME COLOR FOR FULLY PAINTED FRAMES SHALL BE AS NOTED AT THE FINISH SCHEDULE. EXISTING TO REMAIN SHALL BE P-EX TO MATCH EXISTING.
22. PAINT NEW HM DOOR FRAMES: FR-1 "TRICORN BLACK", UNLESS OTHERWISE NOTED.
23. PATCH & MATCH SHALL BE REQUIRED @ FLOOR, BASE & WALL FINISHES AT EXISTING CORRIDOR WHERE NEW DOOR IS BEING ADDED FOR MEDIA CENTER. REFERENCE DEMO PLANS & FLOOR PLANS TO REVIEW CONDITIONS.
24. PROVIDE & INSTALL NEW SOLID SURFACE WALL CAP (SOL-1) AT TOP OF LOW WALLS AT STEAM LAB. ALL EXPOSED EDGES SHALL BE EASED AND POLISHED. CAULKED SEAMS/EDGES SHALL BE COLOR-MATCHED TO SOLID SURFACE MATERIAL.
25. PROVIDE & INSTALL SOLID SURFACE SURROUND (SOL-2) AT NEW DISPLAY CASE AT EXISTING CORRIDOR. REFERENCE PLAN AND SECTION DETAILS @ SHEETS A-501 & A-503. ALL EXPOSED EDGES SHALL BE EASED AND POLISHED. CAULKED SEAMS/EDGES SHALL BE COLOR-MATCHED TO SOLID SURFACE MATERIAL. FINAL FINISH SHALL BE A "MATTE" SHEEN (TYPICAL).
26. PROVIDE & INSTALL NEW SOLID SURFACE WALL CAP & APRON (SOL-2) AT TOP OF LOW WALLS AT I.T. CENTER. ALL EXPOSED EDGES SHALL BE EASED AND POLISHED. CAULKED SEAMS/EDGES SHALL BE COLOR-MATCHED TO SOLID SURFACE MATERIAL. FINISH SHALL BE "MATTE" PER MANUFACTURER'S RECOMMENDED FINISH.
27. NEW ELECTRICAL / DATA DEVICES, RECEPTACLES & ASSOCIATED COVERS SHALL BE THE FOLLOWING COLORS:
    - DEVICES WHICH OCCUR AT RED OR DARK-COLORED WALL FINISHES / SURFACES = BLACK.
    - DEVICES WHICH OCCUR AT WHITE, GRAY, OR LIGHT-COLORED WALL FINISHES / SURFACES = WHITE.
        - COLORS AND FINISHES SHALL BE CONFIRMED DURING SHOP DRAWING REVIEW.
28. INSTALL STAINLESS STEEL CORNER GUARDS AT OUTSIDE CORNERS OF NEW WALLS AT CLOSET WITHIN WELDING ROOM & STORAGE AREA WITHIN AG LAB. INSTALL FROM TOP EDGE OF WALL BASE TO APPROXIMATELY 52" A.F.F. REFERENCE FLOOR PLAN AT SHEET A-402 FOR LOCATIONS.
29. PROVIDE & INSTALL NEW MANUAL SOLAR SHADES WS-1, INTERIOR SIDE ONLY, WITHIN SPACES RECEIVING NEW EXTERIOR WINDOWS, TYPICAL UNLESS OTHERWISE NOTED. NEW WINDOW DESIGNATIONS ARE NOTED AT FLOOR PLANS AT DRAWING SHEETS. NOTE RESCUE WINDOW REQUIREMENTS FOR WINDOWS & SHADES AT DRAWING SHEET A-602.

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REVISION NO:

1	ADDENDUM #1	11/21/2025
	UPDATED ROOM FINISH SCHEDULE IN ITS ENTIRETY. UPDATED ATTIC STOCK NOTES. UPDATED INTERIOR FINISH LEGEND IN ITS ENTIRETY. UPDATED INTERIOR FINISH NOTES IN THEIR ENTIRETY. ADDED INTERIOR FINISH NOTES AT ROOM FINISH SCHEDULE.	
4	ADDENDUM #4	12/09/2025
	ADDED SS-1 STAINLESS STEEL COUNTERTOP TO FINISH LEGEND.	
6	ADDENDUM #6	12/17/2025
	UPDATED ACOUSTIC CEILING PANEL PRODUCT INFO (C-6). UPDATED CEILING INFILL PANEL COLOR (C-5 / COLOR #3). REVISED INTERIOR FINISHES NOTE #15 AND #16. DELETE WPP-1.	

KEY PLAN

BID DOCUMENTS
SED # 08-01-01-04-0-001-019

PROJECT TITLE:

AFTON
CRIMSON KNIGHTS

Afton Central
School District
29 Academy St, Afton, NY 13730

◆

2024 Capital Project
Phase 1

SEALS:

DRAWING TITLE:

FINISH SCHEDULE,
LEGEND & NOTES

DRAWN BY:	CHECKED BY:
E.V.	D.G.
DATE:	PROJECT NO:
11/10/2025	2025-005

DRAWING NO:

A-701

CAD FILE: 5005-A-701.DWG
PLOT DATE: 12/17/2025