

**NEW ANIMAL SHELTER
225 MAPLE AVENUE
MONTVILLE, CT 06353
BID #2025-03**

S/P+A PROJECT #22.130

DATE: November 13, 2024

The following changes to the Drawings and Project Specifications shall become a part of the Drawings and Project Specifications; superseding previously issued Drawings and Project Specifications to the extent modified by Addendum #2.

General Information:

- The pre-bid sign-in sheet is attached for reference. (1)
- The deadline for RFIs was Tuesday, November 12, 2024, 10:00am.
- See attached RFI log. (1)

Changes to the Specifications:

- TABLE OF CONTENTS:
 - Page 1, Division 03 – Concrete, Section 035413, delete in its entirety. *(Per RFI #003)*
 - Page 2, Division 07 – Thermal & Moisture Protection:
 - Section 076200, Pages, revise “10” to read “9”.
 - Section 077100, delete in its entirety. *(Per RFI #004, #005 & Internal Review)*
- SECTION 035413, GYPSUM CEMENT UNDERLAYMENT, delete in its entirety. *(Per RFI #003)*
- SECTION 076200, SHEET METAL FLASHING AND TRIM has been deleted in its entirety. A new SECTION 076200 has been added and is attached as part of this addendum. (9) *(Per RFI #004, #005 & Internal Review)*
- SECTION 077100, ROOF SPECIALTIES, delete in its entirety. *(Per RFI #004, #005 & Internal Review)*
- SECTION 096519, RESILIENT TILE FLOORING, Page 4, Article 3.2.C., last sentence, delete in its entirety. *(Per RFI #003)*

Changes to the Drawings:

- The following ARCHITECTURAL drawings have been deleted in their entirety. New drawings (6) have been added and are attached as part of this addendum*:
 - A110 FLOOR PLANS *(Per RFI #001)*
 - A120 ATTIC PLAN *(Per RFI #001)*
 - A130 ROOF PLAN *(Per RFI #001)*
 - A210 REFLECTED CEILING PLAN *(Per RFI #010)*
 - A500 SECTION DETAILS *(Per Internal Review)*

- A510 SECTION DETAILS (*Per RFI #004*)

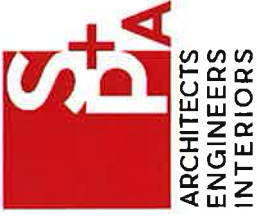
The bid date remains unchanged by this addendum.

The addendum consists of thirteen (13) pages of 8½" x 11" text and six (6) 30" x 42" drawings*.

End of Addendum #2

SILVER PETRUCELLI + ASSOCIATES

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311 STATE STREET NEW LONDON CT 06320
203 230 9007
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Pre-Bid Sign-in Sheet
November 5, 2024

TOWN: MONTVILLE
PROJECT: NEW ANIMAL SHELTER

10 AM

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BID RFI LOG

Project: **New Animal Shelter - Montville**
State Project/Bid #:
S/P+A Project #: **22.130**

RFI Deadline: **11/12/24, 10a**
Bids Due: **11/19/24, 2p**

RFI #	QUESTION	DATE RECEIVED	RESPONSE	ADDENDUM # ISSUED
001	Page A900 partition type detail shows wood framed interior walls. Page A110 in the symbol legend calls for new metal stud partitions. Please clarify.	11/08/24	Partition types on Drawing A900 are correct. Refer to Addendum #2 for Drawing revisions.	2
002	Are there any specified equals to the AAON units?	11/08/24	Trane & Addison HVAC The split system air handling will be custom air handling units however the units will not be available until the 2nd quarter of 2025 due to refrigerant R454B transition.	2
003	There is a gypsum underlayment specification but an installation locations are not called out on the drawings. Please advise.	11/11/24	Refer to Addendum #2 for removal of Section 035413.	2
004	Spec says fascia metal on flat roofs to be .050, drawing shows stainless steel for the drip edge. Is the drip edge to be Stainless. If so the two manufacturers I have reached out to say that clad Stainless steel comes only in 24 g steel. The drip edge needs to be clad because with pvc there are no peel and stick products which stick to it. Plus being a clad metal I see no benefit to stainless Steel.	11/11/24	Roof drip edge/fascia to be aluminum. Refer to Addendum #2 for revised drawings & Section 076200.	2
005	Spec also says that gutters are to be .063 and downspouts are to corrugated .125. We can fabricate .063 gutters if need be. As far as the downspouts, I have reached out to all of my suppliers, multiple specialty suppliers, and have searched hi and lo online. No one has ever heard of .125 downspouts. Even in .063 they are telling me they come in only smooth no corrugated. Please advise. If there is a supplier that you know of? I will reach out to them.	11/11/24	Refer to Addendum #2 for revised Section 076200.	2
006	There are no specs on the heat pumps please provide.	11/12/24	Specifications are included in Volume 2 of the project manual. Refer to Sections 236200, 237413 & 238127.	2
007	There are no specs on the water heater please provide.	11/12/24	Water heater is scheduled on Drawing P400. Specification is included in Volume 2 of the project manual. Refer to Section 223300.	2
008	There are no specs on the fire alarm and the vender please provide.	11/12/24	There is no fire alarm in the scope of work.	2
009	Please confirm there is no sprinkler work.	11/12/24	Confirmed.	2
010	The RCP tags two different ACT types, all areas are ACT type 1. Room 103 is identified as type 2. Please confirm that there is only 1 ACT type.	11/12/24	Confirmed, there is only one (1) ACT type. Refer to Addendum #2 for revised Drawing A210.	2

SECTION 076200 - SHEET METAL FLASHING AND TRIM

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Formed roof-drainage sheet metal fabrications.
2. Formed low-slope roof sheet metal fabrications.
3. Formed steep-slope roof sheet metal fabrications.
4. Formed brake metal.

B. Related Requirements:

1. Section 061000 "Rough Carpentry" for wood nailers, curbs, and blocking.
2. Section 077200 "Roof Accessories" for equipment supports, roof hatches, vents, and other manufactured roof accessory units.

1.3 COORDINATION

- A. Coordinate sheet metal flashing and trim layout and seams with sizes and locations of penetrations to be flashed, and joints and seams in adjacent materials.
- B. Coordinate sheet metal flashing and trim installation with adjoining roofing and wall materials, joints, and seams to provide leak-proof, secure, and non-corrosive installation.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each manufactured product and accessory.

B. Shop Drawings: For sheet metal flashing and trim.

1. Include plans, elevations, sections, and attachment details.
2. Detail fabrication and installation layouts, expansion-joint locations, and keyed details. Distinguish between shop- and field-assembled work.
3. Include identification of material, thickness, weight, and finish for each item and location in Project.
4. Include details for forming, including profiles, shapes, seams, and dimensions.
5. Include details for joining, supporting, and securing, including layout and spacing of fasteners, cleats, clips, and other attachments. Include pattern of seams.
6. Include details of termination points and assemblies.
7. Include details of roof-penetration flashing.
8. Include details of edge conditions, including eaves, ridges, valleys, rakes, crickets, and counterflashings as applicable.

9. Include details of special conditions.
10. Include details of connections to adjoining work.
11. Detail formed flashing and trim at scale of not less than 3 inches per 12 inches (1:5).

C. Samples: For each type of sheet metal and accessory indicated with factory-applied finishes.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For fabricator.
- B. Product Test Reports: For each product, for tests performed by a qualified testing agency.
- C. Sample Warranty: For special warranty.

1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For sheet metal flashing and trim, and its accessories, to include in maintenance manuals.

1.7 QUALITY ASSURANCE

- A. Fabricator Qualifications: Employs skilled workers who custom fabricate sheet metal flashing and trim similar to that required for this Project and whose products have a record of successful in-service performance.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Do not store sheet metal flashing and trim materials in contact with other materials that might cause staining, denting, or other surface damage. Store sheet metal flashing and trim materials away from uncured concrete and masonry.
- B. Protect strippable protective covering on sheet metal flashing and trim from exposure to sunlight and high humidity, except to extent necessary for period of sheet metal flashing and trim installation.

1.9 WARRANTY

- A. Special Warranty on Finishes: Manufacturer agrees to repair finish or replace sheet metal flashing and trim that shows evidence of deterioration of factory-applied finishes within specified warranty period.

1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Hunter units when tested according to ASTM D 2244.
 - b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
 - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
2. Finish Warranty Period: Twenty (20) years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Sheet metal flashing and trim assemblies, including cleats, anchors, and fasteners, are to withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in construction. Completed sheet metal flashing and trim are to not rattle, leak, or loosen, and are to remain watertight.
- B. Sheet Metal Standard for Flashing and Trim: Comply with NRCA's "The NRCA Roofing Manual: Architectural Metal Flashing, Condensation and Air Leakage Control, and Reroofing" and SMACNA's "Architectural Sheet Metal Manual" requirements for dimensions and profiles shown unless more stringent requirements are indicated.
- C. Wind Design Standard: Manufacture and install copings and roof edge flashings tested according to Chapter 16 of the International Building Code and capable of resisting the following design pressure:
 - 1. Design Pressure: As indicated on Drawings and per Building Code, whichever is most stringent.
- D. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes to prevent buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
 - 1. Temperature Change: 120 deg F, ambient; 180 deg F, material surfaces.

2.2 SHEET METALS

- A. General: Protect mechanical and other finishes on exposed surfaces from damage by applying strippable, temporary protective film before shipping.
- B. Aluminum Sheet: ASTM B 209, alloy as standard with manufacturer for finish required, with temper as required to suit forming operations and performance required; with smooth, flat surface.
 - 1. Exposed Coil-Coated Finish:
 - a. Two-Coat Fluoropolymer: AAMA 620. Fluoropolymer finish containing not less than seventy percent (70%) PVDF resin by weight in color coat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
 - 2. Color: As selected by Architect and Owner from manufacturer's entire range.
- C. Stainless-Steel Sheet: ASTM A 240 or ASTM A 666, Type 304, dead soft, fully annealed; with smooth, flat surface.
 - 1. Finish: 2D (dull, cold rolled).

2.3 UNDERLAYMENT MATERIALS

- A. Felt: ASTM D 226, Type II (No. 30), asphalt-saturated organic felt; non-perforated.

- B. Slip Sheet: Rosin-sized building paper, 3 lb./100 sq. ft. minimum.

2.4 MISCELLANEOUS MATERIALS

- A. General: Provide materials and types of fasteners, protective coatings, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation and as recommended by manufacturer of primary sheet metal unless otherwise indicated.
- B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads and recommended by manufacturer of primary sheet metal.
1. General: Blind fasteners or self-drilling screws, gasketed, with hex-washer head.
 - a. Exposed Fasteners: Heads matching color of sheet metal using plastic caps or factory-applied coating. Provide metal-backed EPDM or PVC sealing washers under heads of exposed fasteners bearing on weather side of metal.
 - b. Blind Fasteners: High-strength aluminum or stainless-steel rivets suitable for metal being fastened.
 - c. Spikes and Ferrules: Same material as gutter; with spike with ferrule matching internal gutter width.
 2. Fasteners for Aluminum Sheet: Aluminum or Series 300 stainless-steel.
 3. Fasteners for Stainless-Steel Sheet: Series 300 stainless-steel.
- C. Solder:
1. For Stainless-Steel: ASTM B 32, Grade Sn60, with acid flux of type recommended by stainless-steel sheet manufacturer.
- D. Sealant Tape: Pressure-sensitive, one hundred percent (100%) solids, polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, non-sag, nontoxic, non-staining tape ½-inch-wide and 1/8-inch-thick.
- E. Elastomeric Sealant: ASTM C 920, elastomeric polysulfide polymer sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.
- F. Butyl Sealant: ASTM C 1311, single-component, solvent-release butyl rubber sealant; polyisobutylene plasticized; heavy bodied for hooked-type expansion joints with limited movement.
- G. Bituminous Coating: Cold-applied asphalt emulsion according to ASTM D 1187.
- H. Asphalt Roofing Cement: ASTM D 4586, asbestos free, of consistency required for application.

2.5 FABRICATION, GENERAL

- A. General: Custom fabricate sheet metal flashing and trim to comply with details shown and recommendations in cited sheet metal standard that apply to design, dimensions, geometry, metal thickness, and other characteristics of item required. Fabricate sheet metal flashing and trim in shop to greatest extent possible.

1. Fabricate sheet metal flashing and trim in thickness or weight needed to comply with performance requirements, but not less than that specified for each application and metal.
 2. Obtain field measurements for accurate fit before shop fabrication.
 3. Form sheet metal flashing and trim to fit substrates without excessive oil canning, buckling, and tool marks; true to line, levels, and slopes; and with exposed edges folded back to form hems.
 4. Conceal fasteners and expansion provisions where possible. Do not use exposed fasteners on faces exposed to view.
- B. Fabrication Tolerances: Fabricate sheet metal flashing and trim that is capable of installation to a tolerance of ¼-inch in 20 feet on slope and location lines indicated on Drawings and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.
- C. Expansion Provisions: Form metal for thermal expansion of exposed flashing and trim.
1. Form expansion joints of intermeshing hooked flanges, not less than 1-inch-deep, filled with butyl sealant concealed within joints.
 2. Use lapped expansion joints only where indicated on Drawings.
- D. Sealant Joints: Where movable, non-expansion-type joints are required, form metal to provide for proper installation of elastomeric sealant according to cited sheet metal standard.
- E. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal.
- F. Fabricate cleats and attachment devices of sizes as recommended by cited sheet metal standard for application, but not less than thickness of metal being secured.
- G. Seams: Fabricate non-moving seams with flat-lock seams. Tin edges to be seamed, form seams, and solder.
- H. Seams (Aluminum): Fabricate non-moving seams with flat-lock seams. Form seams and seal with elastomeric sealant unless otherwise recommended by sealant manufacturer for intended use.
- I. Do not use graphite pencils to mark metal surfaces.

2.6 ROOF-DRAINAGE SHEET METAL FABRICATIONS

- A. Hanging Gutters: Fabricate to cross section required, complete with end pieces, outlet tubes, and other accessories as required. Fabricate in minimum 96-inch-long sections. Furnish flat-stock gutter brackets and twisted gutter spacers and straps fabricated from same metal as gutters, of size recommended by cited sheet metal standard but with thickness not less than twice the gutter thickness. Fabricate expansion joints, expansion-joint covers, and gutter accessories from same metal as gutters.
1. Gutter Profile: As indicated on Drawings.
 2. Expansion Joints: Lap type.
 3. Fabricate from the following materials:
 - a. Aluminum: 0.050-inch-thick.

- B. Downspouts: Fabricate downspouts in rectangular, corrugated profile, complete with mitered elbows. Furnish with metal hangers from same material as downspouts and anchors. Shop fabricate elbows.

1. Fabricate from the following materials:

- a. Aluminum: 0.040-inch-thick.

2.7 LOW-SLOPE ROOF SHEET METAL FABRICATIONS

- A. Roof Fasciae, Drip Edge, and Other Exposed Flashings: Fabricate in minimum 96-inch-long, but not exceeding 12-foot-long sections. Furnish with 6-inch-wide, joint cover plates.

1. Joint Style: Overlapped, 4 inches wide.
2. Fabricate from the following materials:

- a. Aluminum: 0.050-inch-thick, unless otherwise indicated.

2.8 STEEP-SLOPE ROOF SHEET METAL FABRICATIONS

- A. Drip Edges: Fabricate from the following materials:

1. Aluminum: 0.032-inch-thick, hemmed.

- B. Eave, Rake, Ridge, and Hip Flashing: Fabricate from the following materials:

1. Aluminum: 0.032-inch-thick, hemmed where indicated.

- C. Counterflashing: Shop fabricate interior and exterior corners. Fabricate from the following materials:

1. Aluminum: 0.032-inch-thick.

- D. Roof-Penetration Flashing: Fabricate from the following materials:

1. Aluminum: 0.032-inch-thick.

2.9 MISCELLANEOUS SHEET METAL FABRICATIONS

- A. Sill Flashing, Closure Panels, Cap, Etc.: Fabricate from the following materials:

1. Aluminum: Thickness as indicated on Drawings.

- B. Drip Edges: Extend at least 3 inches into wall and ½-inch out from wall, with outer edge bent down 30 degrees and hemmed. Fabricate from the following materials:

1. Stainless-Steel: 24-gauge-thick.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, substrate, and other conditions affecting performance of the Work.
 - 1. Verify compliance with requirements for installation tolerances of substrates.
 - 2. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and securely anchored.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 UNDERLAYMENT INSTALLATION

- A. Felt Underlayment: Install felt underlayment, wrinkle free, using adhesive to minimize use of mechanical fasteners under sheet metal flashing and trim. Apply in shingle fashion to shed water, with lapped joints of not less than 2 inches.
- B. Apply slip sheet, wrinkle free, directly on substrate before installing sheet metal flashing and trim.

3.3 INSTALLATION, GENERAL

- A. General: Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement. Use fasteners, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.
 - 1. Install sheet metal flashing and trim true to line, levels, and slopes. Provide uniform, neat seams with minimum exposure of solder, welds, and sealant.
 - 2. Install sheet metal flashing and trim to fit substrates and to result in watertight performance. Verify shapes and dimensions of surfaces to be covered before fabricating sheet metal.
 - 3. Space cleats not more than 12 inches apart. Attach each cleat with at least two (2) fasteners. Bend tabs over fasteners.
 - 4. Install exposed sheet metal flashing and trim with limited oil canning, and free of buckling and tool marks.
 - 5. Torch cutting of sheet metal flashing and trim is not permitted.
 - 6. Do not use graphite pencils to mark metal surfaces.
- B. Metal Protection: Where dissimilar metals contact each other, or where metal contacts pressure-treated wood or other corrosive substrates, protect against galvanic action or corrosion by painting contact surfaces with bituminous coating or by other permanent separation as recommended by sheet metal manufacturer or cited sheet metal standard.
 - 1. Coat concealed side of sheet metal flashing and trim with bituminous coating where flashing and trim contact wood, ferrous metal, or cementitious construction.
 - 2. Underlayment: Where installing sheet metal flashing and trim directly on cementitious or wood substrates, install underlayment and cover with slip sheet.
- C. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at maximum of 10 feet with no joints within 24 inches of corner or intersection.

1. Form expansion joints of intermeshing hooked flanges, not less than 1-inch-deep, filled with sealant concealed within joints.
 2. Use lapped expansion joints only where indicated on Drawings.
- D. Fasteners: Use fastener sizes that penetrate wood blocking or sheathing not less than 1¼ inches for nails and not less than ¾ inch for wood screws.
- E. Conceal fasteners and expansion provisions where possible in exposed work and locate to minimize possibility of leakage. Cover and seal fasteners and anchors as required for a tight installation.
- F. Seal joints as required for watertight construction.
1. Use sealant-filled joints unless otherwise indicated. Embed hooked flanges of joint members not less than 1-inch into sealant. Form joints to completely conceal sealant. When ambient temperature at time of installation is between 40 and 70 deg F, set joint members for fifty percent (50%) movement each way. Adjust setting proportionately for installation at higher ambient temperatures. Do not install sealant-type joints at temperatures below 40 deg F.
 2. Prepare joints and apply sealants to comply with requirements in Section 079200 "Joint Sealants."
- G. Soldered Joints: Clean surfaces to be soldered, removing oils and foreign matter. Pre-tin edges of sheets with solder to width of 1½ inches; however, reduce pre-tinning where pre-tinned surface would show in completed Work.
1. Do not solder aluminum sheet.
 2. Do not use torches for soldering.
 3. Heat surfaces to receive solder, and flow solder into joint. Fill joint completely. Completely remove flux and spatter from exposed surfaces.
 4. Stainless-Steel Soldering: Tin edges of uncoated sheets, using solder for stainless steel and acid flux. Promptly remove acid flux residue from metal after tinning and soldering. Comply with solder manufacturer's recommended methods for cleaning and neutralization.

3.4 ROOF-DRAINAGE SYSTEM INSTALLATION

- A. General: Install sheet metal roof-drainage items to produce complete roof-drainage system according to cited sheet metal standard unless otherwise indicated. Coordinate installation of roof perimeter flashing with installation of roof-drainage system.
- B. Hanging Gutters: Join sections with soldered joints. Provide for thermal expansion. Attach gutters at eave or fascia to firmly anchor them in position. Provide end closures and seal watertight with sealant. Slope to downspouts.
1. Fasten gutter spacers to front and back of gutter.
 2. Anchor and loosely lock back edge of gutter to continuous eave or apron flashing.
 3. Anchor gutter with gutter brackets spaced not more than 24 inches apart to roof deck, unless otherwise indicated, and loosely lock to front gutter bead.
 4. Install gutter with expansion joints at locations not exceeding 50 feet apart. Install expansion-joint caps.
- C. Downspouts: Join sections with 1½ inch telescoping joints.

1. Provide hangers with fasteners designed to hold downspouts securely to walls. Locate hangers at existing locations minimum, but at top and bottom and at approximately 60 inches o.c.
2. Connect downspouts to underground drainage system.

3.5 ROOF FLASHING INSTALLATION

- A. General: Install sheet metal flashing and trim to comply with performance requirements and cited sheet metal standard. Provide concealed fasteners where possible, and set units true to line, levels, and slopes. Install work with laps, joints, and seams that are permanently watertight and weather resistant.
- B. Cap, Fasciae, Drip, and Other Exposed Flashings: Anchor to resist uplift and outward forces according to recommendations in cited sheet metal standard unless otherwise indicated. Interlock bottom edge of roof edge flashing with continuous cleat anchored to substrate at staggered 3-inch centers.
- C. Pipe or Post Counterflashing: Install counterflashing umbrella with close-fitting collar with top edge flared for elastomeric sealant, extending minimum of 4 inches over base flashing. Install stainless-steel draw band and tighten.
- D. Roof-Penetration Flashing: Coordinate installation of roof-penetration flashing with installation of roofing and other items penetrating roof. Seal with elastomeric sealant and clamp flashing to pipes that penetrate roof.

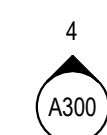
3.6 ERECTION TOLERANCES

- A. Installation Tolerances: Shim and align sheet metal flashing and trim within installed tolerance of 1/4-inch in 20 feet on slope and location lines indicated on Drawings and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.

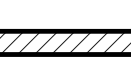












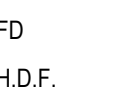

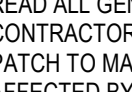
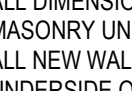
3.7 CLEANING AND PROTECTION

- A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.
- B. Clean and neutralize flux materials. Clean off excess solder.
- C. Clean off excess sealants.
- D. Remove temporary protective coverings and strippable films as sheet metal flashing and trim are installed unless otherwise indicated in manufacturer's written installation instructions. On completion of sheet metal flashing and trim installation, remove unused materials and clean finished surfaces as recommended by sheet metal flashing and trim manufacturer. Maintain sheet metal flashing and trim in clean condition during construction.
- E. Replace sheet metal flashing and trim that have been damaged or that have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 076200



SYMBOL LEGEND

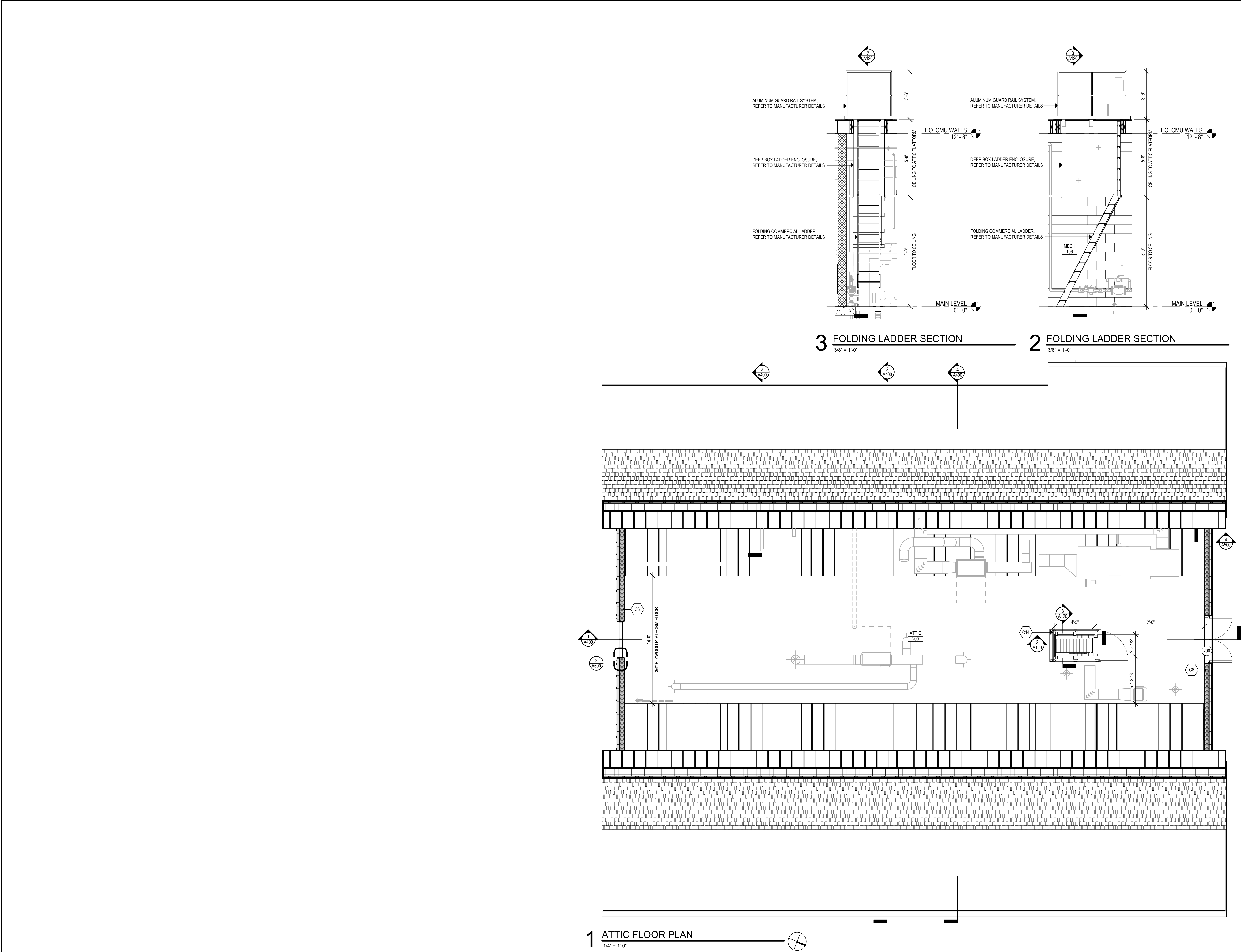
	- NEW PARTITIONS
	- NEW MASONRY WALL
	- NEW CMU WALL
	- DOOR NUMBER
	- WINDOW TYPE
	- ROOM NAME
	- ROOM NUMBER
	- PARTITION TYPE
	- CONSTRUCTION NOTE
	- EXTERIOR ELEVATION NUMBER
	- SHEET NUMBER
	- INTERIOR ELEVATION NUMBER
	- SHEET NUMBER
	- BUILDING SECTION NUMBER
	- SHEET NUMBER
	- WALL SECTION NUMBER
	- SHEET NUMBER
F.E.C.	- FIRE EXTINGUISHER CABINET
FD	- FLOOR DRAIN - SLOPE TO DRAIN
H.D.	- HANDICAPPED DRINKING FOUNTAIN

GENERAL NOTES

1. READ ALL GENERAL NOTES ON DRAWING G000
2. CONTRACTORS SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
3. PATCH TO MATCH ALL EXISTING WALLS AND CEILINGS TO REMAIN
4. AFFECTED BY NEW WORK.
5. ALL DIMENSIONS ARE TO OUTSIDE FACE OF BRICK CONCRETE
6. MASONRY UNITS AND FINISH FACE OF WALL OTHERWISE NOTED.
7. ALL NEW WALL AND PARTITION ASSEMBLIES SHALL EXTEND TO
8. UNDERSIDE OF DECK UNLESS OTHERWISE NOTED.
9. PROVIDE CMU WITH PRE-MANUFACTURED BULLNOSE AT ALL EXPOSED
10. CORNERS.
11. WHERE THE WORD "ALIGN" IS INDICATED IT SHALL MEAN TO ALIGN BOTH
12. SIDES OF WALL.

CONSTRUCTION NOTES

- | | |
|-----|--|
| C1 | PROVIDE ROOM/DARKENING HORIZONTAL BLIND SYSTEM FOR EACH HALF OF WINDOW ASSEMBLY. SEE PROJECT MANUAL. |
| C2 | PROVIDE FIRE EXTINGUISHER AND SEMI-RECESSED CABINET. SET BOTTOM OF CABINET AT 2'2" A.F. SEE PROJECT MANUAL. |
| C3 | PROVIDE CABINETS, CASEWORK, COUNTERTOPS AND FIXTURES. SEE INTERIOR ELEVATIONS. SEE ALSO PROJECT MANUAL. |
| C4 | PROVIDE SHELVES WITH REQUIRED BRACKETS AND ASSOCIATED HARDWARE. SEE INTERIOR ELEVATIONS. SEE ALSO PROJECT MANUAL. |
| C5 | PROVIDE "HIGH-LOW" DOUBLE WATER COOLER UNIT WITH BOTTLE FILLER AT LOW ONE. SEE ALSO MEP DRAWINGS. |
| C6 | PROVIDE FIRE EXTINGUISHER SURFACE MOUNTED TO STUD. SET BOTTOM OF EXTINGUISHER 32" A.F. SEE PROJECT MANUAL. |
| C7 | PROVIDE COMMERCIAL ATTIC LADDER WITH BOX ENCLOSURE BETWEEN CEILING AND ATTIC PLATFORM. SEE PROJECT MANUAL. |
| C8 | PROVIDE MASON - SANKENEL, STAINLESS STEER GATE AND PANELS |
| C10 | PROVIDE 1/2" X 1/2" X 3/8" GALV. STEEL STYLE DOG DOOR WITH GULLITINE STYLE CLOS-OFF. SEE PROJECT MANUAL. |
| C11 | LAUNDRY MACHINE AND DRYER, PROVIDED BY OWNER. |
| C12 | GAT CONDO WITH ATTACHED LATER BOX ROOM. PROVIDED BY OWNER. |
| C13 | TRUNK ROOM, PROVIDED BY OWNER. |
| C14 | PROVIDE GATED HALLWAY FOR ATTIC LADDER. SEE PROJECT MANUAL. |
| C15 | FROM DOWN ARROW, SLOPE SLAB TOWARDS TRENCH DRAIN @ 1/4" PER 1" MEP EQUIPMENT ON EXTERIOR SLOPS. REFER TO CIVIL AND MEP DRAWINGS. |
| C16 | METAL BOX GUTTER AND DOWN SPUT. CONNECT DOWNSPUT INTO UNDER DRAIN. REFER TO CIVIL AND MEP DRAWINGS. |
| C17 | PROVIDE ADDITIONAL LAYER OF 5/8" GYPSUM WALL BOARD AT SPECIFIED WALL LOCATION. ADDITIONAL LAYER IS REQUIRED TO PROVIDE 1 1/2" MINIMUM THICKNESS BETWEEN GYPSUM LAYERS. |
| C18 | PROVIDE EXTERIOR GATE CHAIN LINK FENCE ENCLOSURE @ HIGH 11 1/2" MAXIMUM WIRE MESH 1 1/2 GAUGE MINIMUM. SEE CIVIL DRAWINGS. |
| C19 | 8" CM WALL BUILD UP TO 4" PROVIDE MORTAR MESH AND FILL TOP COURSE. SLOPE TOP COURSE TO DRAINAGE. PROVIDE BULLNOSE. USE BLOCK CAVITIES AS CHASE FOR DOG GROOMING STALL. |
| C20 | ALTERNATE: PROVIDE STAINLESS STEEL DOG GROOMING STATION. |



SYMBOL LEGEND	
	- NEW PARTITIONS
	- NEW MASONRY WALL
	- NEW CMU WALL
	- DOOR NUMBER
	- WINDOW TYPE
	- ROOM NAME - ROOM NUMBER
	- PARTITION TYPE
	- CONSTRUCTION NOTE
	- EXTERIOR ELEVATION NUMBER - SHEET NUMBER
	- INTERIOR ELEVATION NUMBER - SHEET NUMBER
	- BUILDING SECTION NUMBER - SHEET NUMBER
	- WALL SECTION NUMBER - SHEET NUMBER
	- FIRE EXTINGUISHER CABINET
	- FLOOR DRAIN - SLOPE TO DRAIN
	- HANDICAPPED DRINKING FOUNTAIN

- GENERAL NOTES**
1. READ ALL GENERAL NOTES ON DRAWING G000.
 2. CONTRACTORS SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS. PATCH TO MATCH ALL EXISTING WALLS AND CEILINGS TO REMAIN AFFECTED BY NEW WORK.
 3. ALL DIMENSIONS ARE TO OUTSIDE FACE OF BRICK, CONCRETE, MASONRY UNITS AND FINISH FACE OF WALL OTHERWISE NOTED.
 4. ALL NEW WALL AND PARTITION ASSEMBLIES SHALL EXTEND TO UNDERSIDE OF DECK UNLESS OTHERWISE NOTED.
 5. PROVIDE CMU WITH PRE-MANUFACTURED BULLNOSE AT ALL EXPOSED CORNERS.
 6. WHERE THE WORD "ALIGN" IS INDICATED IT SHALL MEAN TO ALIGN BOTH SIDES OF WALL.

- CONSTRUCTION NOTES**
- | | |
|-----|---|
| C1 | PROVIDE ROOM DARKENING HORIZONTAL BLIND SYSTEM FOR EACH HALF OF WINDOW ASSEMBLY. SEE PROJECT MANUAL. |
| C2 | PROVIDE FIRE EXTINGUISHER AND SEMI-RECESSED CABINET. SET BOTTOM OF CABINET AT 32" A.F.F. SEE PROJECT MANUAL. |
| C3 | PROVIDE CABINETS, CASEWORK, COUNTERS AND FIXTURES. SEE INTERIOR ELEVATIONS. SEE ALSO PROJECT MANUAL. |
| C4 | PROVIDE SHELVES WITH REQUIRED BRACKETS AND ASSOCIATED HARDWARE. SEE INTERIOR ELEVATIONS. SEE ALSO PROJECT MANUAL. |
| C5 | PROVIDE HIGH-LOW DOUBLE WATER COOLER UNIT WITH BOTTLE FILLER AT LOW ONE. SEE ALSO MEP DRAWINGS. |
| C6 | PROVIDE FIRE EXTINGUISHER SURFACE MOUNTED TO STUD. SET BOTTOM OF FIRE EXTINGUISHER 32" A.F.F. SEE PROJECT MANUAL. |
| C8 | PROVIDE COMMERCIAL ATTIC LADDER WITH BOX ENCLOSURE BETWEEN CEILING AND ATTIC PLATFORM. SEE PROJECT MANUAL. |
| C9 | PROVIDE MASON - SANK-KENNEL STAINLESS STEER GATE AND PANELS. |
| C10 | PROVIDE 13 3/8" X 31 3/8" SALOON STYLE DOG DOOR WITH GUILLOTINE STYLE CLOSE-OFF. SEE PROJECT MANUAL. |
| C11 | LAUNDRY MACHINE AND DRYER, PROVIDED BY OWNER. |
| C12 | CAT CONDO WITH ATTACHED LITTER BOX ROOM, PROVIDED BY OWNER. |
| C13 | TRENCH DRAIN. SEE PLUMBING DRAWINGS. |
| C14 | PROVIDE GATED HANDRAIL FOR ATTIC LADDER. SEE PROJECT MANUAL. |
| C15 | FROM DOWN ARROW, SLOPE SLAB TOWARDS TRENCH DRAIN @ 1/4" PER 12". |
| C16 | MEP EQUIPMENT ON EXTERIOR SLABS, REFER TO CIVIL AND MEP DRAWINGS. |
| C17 | METAL BOX GUTTER AND DOWN SPOUT. CONNECT DOWNSPOUT INTO UNDERGROUND DRAINAGE VIA CAST IRON BOOT. SEE CIVIL DRAWINGS. |
| C18 | PROVIDE ADDITIONAL LAYER OF 5/8" GYPSUM WALL BOARD AT SPECIFIED WALL LOCATION. ADDITIONAL LAYER IS REQUIRED TO PROVIDE FLUSH SURFACE BETWEEN GYPSUM WALLS. |
| C19 | PROVIDE EXTERIOR GALV. CHAIN LINK FENCE ENCLOSURE, 6' HIGH, 1 1/2" MAXIMUM WIRE MESH, 11 GAUGE MINIMUM. SEE CIVIL DRAWINGS. |
| C20 | 8" CMU WALL BUILT UP TO 4". PROVIDE MORTAR MESH AND FILL TOP COURSE SOLID. GRIND TOP EDGE IN FIELD TO MATCH BULLNOSE. USE BLOCK CAVITIES AS CHASE FOR DOG GROOMING STATION. |
| C21 | ALTERNATE: PROVIDE STAINLESS STEEL DOG GROOMING STATION. |

Project Title:
NEW ANIMAL FACILITY AT:
MONTVILLE ANIMAL SHELTER
225 Maple Ave. Parcel ID: 077-041-000
Montville, CT



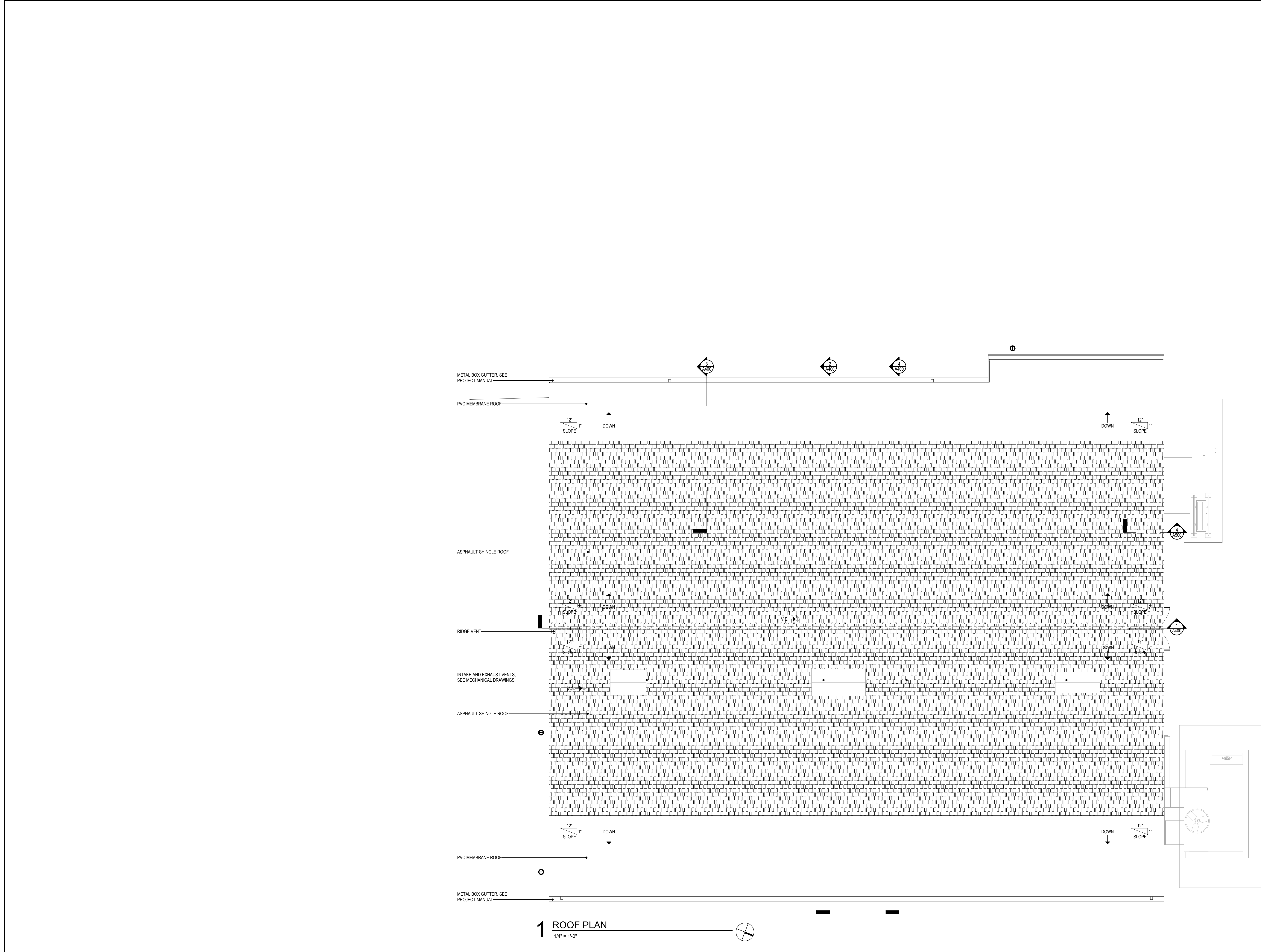
SILVER PETRUCCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision	Description	Date	Revised By
1	ISSUED FOR BID ADDENDUM #2	09/27/2024 11/13/2024	MES

Drawing Title:
ATTIC PLAN

Date: 09/27/2024
Scale: As Indicated
Drawn By: MES
Project Number: 22.130

Drawing Number:
A120



SYMBOL LEGEND	
	- NEW PARTITIONS RF#001
	- NEW MASONRY WALL
	- NEW CMU WALL
	- DOOR NUMBER
	- WINDOW TYPE
	- ROOM NAME - ROOM NUMBER
	- PARTITION TYPE
	- CONSTRUCTION NOTE
	- EXTERIOR ELEVATION NUMBER
	- SHEET NUMBER
	- INTERIOR ELEVATION NUMBER
	- SHEET NUMBER
	- BUILDING SECTION NUMBER - SHEET NUMBER
	- WALL SECTION NUMBER - SHEET NUMBER
F.E.C.	- FIRE EXTINGUISHER CABINET
FD	- FLOOR DRAIN - SLOPE TO DRAIN
H.D.F.	- HANDICAPPED DRINKING FOUNTAIN

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 7. WHERE THE WORD "ALIGN" IS INDICATED IT SHALL MEAN TO ALIGN BOTH SIDES OF WALL.

Project Title:
NEW ANIMAL FACILITY AT:
MONTVILLE ANIMAL SHELTER
225 Maple Ave. Parcel ID: 077-041-000
Montville, CT



SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ISSUED FOR BID	09/27/2024	MES
	ADDENDUM #2	11/13/2024	

Drawing Title:
ROOF PLAN

Date: 09/27/2024
Scale: As Indicated
Drawn By: MES
Project Number: 22.130

Drawing Number:
A130

9 EXTERIOR WALL BASE AT VESTIBULE

3" = 1'-0"

6 EXTERIOR WALL BASE AT KENNELS

3" = 1'-0"

3 THROUGH SOFFIT

3" = 1'-0"

8 SOFFIT AT MAIN ROOF

3" = 1'-0"

5 KENNEL OPENING SECTION

3" = 1'-0"

2 ATTIC DOOR SILL

3" = 1'-0"

7 LOW ROOF CONNECTION TO WALL

3" = 1'-0"

4 VENT SECTION

3" = 1'-0"

1 TYPICAL EXTERIOR WALL BASE

3" = 1'-0"

SECTION DETAILS

Project Title:
NEW ANIMAL FACILITY AT:
MONTVILLE ANIMAL SHELTER
225 Maple Ave. Parcel ID: 077-041-000
Montville, CT



SILVER PETRUCCELLI + ASSOCIATES
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203 230 9007 silverpetrucci.com

Revision	Description	Date	Revised By
1	ISSUED FOR BID	09/27/2024	MES
	ADDENDUM #2	11/13/2024	

Drawing Title:
SECTION DETAILS
Date:
09/27/2024
Scale:
3" = 1'-0"
Drawn By:
MES
Project Number:
22.130
Drawing Number:
A500

