

**Addendum To The Milford Youth Center HVAC Renovation Project Bid**  
**Documents**

August, 28<sup>th</sup> 2019

**1. Regarding Conflicts of terminal unit installation with installed wall-mounted sensors/signage:**

The installation locations of the wall mounted terminal VRF units as shown on the drawings represents the general intent of the design engineer. The lateral field adjustment of these units install location to avoid conflicting existing wall fixtures is to be allowed for distances of up to 3ft in either direction.

**2. Regarding the changes in ventilation of the basement music room:**

Dance room alteration to ventilate the music room includes a change in unit specification. The ERV in the dance room shall be upsized to 650CFM of total airflow. The basis of design has been updated to reflect this based on a Renewaire HE1.5XINH.

An updated version of the basement plan to reflect these changes is attached to reflect these changes.

**3. Regarding CORI requirements for on-site workers:**

Under certain circumstances, including the Milford Youth Center Multizone Airconditioning – HVAC Renovation Project, the Town of Milford is required or authorized to conduct criminal history inquires. All those affiliated with this project, who will have an on-site presence at the Milford Youth Center are required to pass a CORI background check prior to the start of the project.”

**4. Regarding the current state of the roof warrantee:**

The roof at the Milford Youth Center is currently under manufacturer’s warranty by Carlisle. The proposed work involves necessary penetrations to this roof. All roofing work is to be performed by Carlisle Authorized Roofing Applicator. All terms, conditions, and limitations within the Golden Seal Total Roofing System Warranty are to be upheld and carried out by the contracted as related to the project. Warranty documentation is attached to this addendum.

**5. Regarding slimduct as a means of concealment:**

Slimduct is to be used as an acceptable means of concealment of refrigeration pipe in the transition from concealed ceiling or wall refrigeration piping to the terminal VRF unit connection. The use of slimduct is acceptable only in these transitory situations and runs of slimduct concealed piping are not to exceed 2ft in length.

**6. Regarding necessary cutting and patching of wall/ceiling construction for the concealment of refrigeration piping and electrical conduit:**

The MYC has multiple ceiling types in the ground floor and mezzanine levels. Refrigerant branch piping and associated terminal unit electrical wiring is to be run concealed above the ceiling. The bidder is responsible for all associated cutting and patching of hard ceiling assemblies to facilitate the installation of concealed runs. As the building will be occupied and operation throughout the install period, particular attention to cleanliness and mitigation spread of dust is to be paid to any drywall work associated with the project.

**7. Regarding ATC-BAS requirements:**

VRF systems shall come equipped with manufacturer controls and capability for a future connection to a BAS system via BACnet adapter/card.

**8. Regarding requirements for duct insulation:**

The outdoor air ducts connecting to the ERV units on the basement level are to be insulated.

**9. Concealed Wiring**

Power wiring to all mechanical equipment is to be concealed in the same manner as refrigerant piping on floors 1 and the upper mezzanine level. Exposed power wiring on the basement level is to be run in EMT conduit.

**10. Notes on Schedule:**

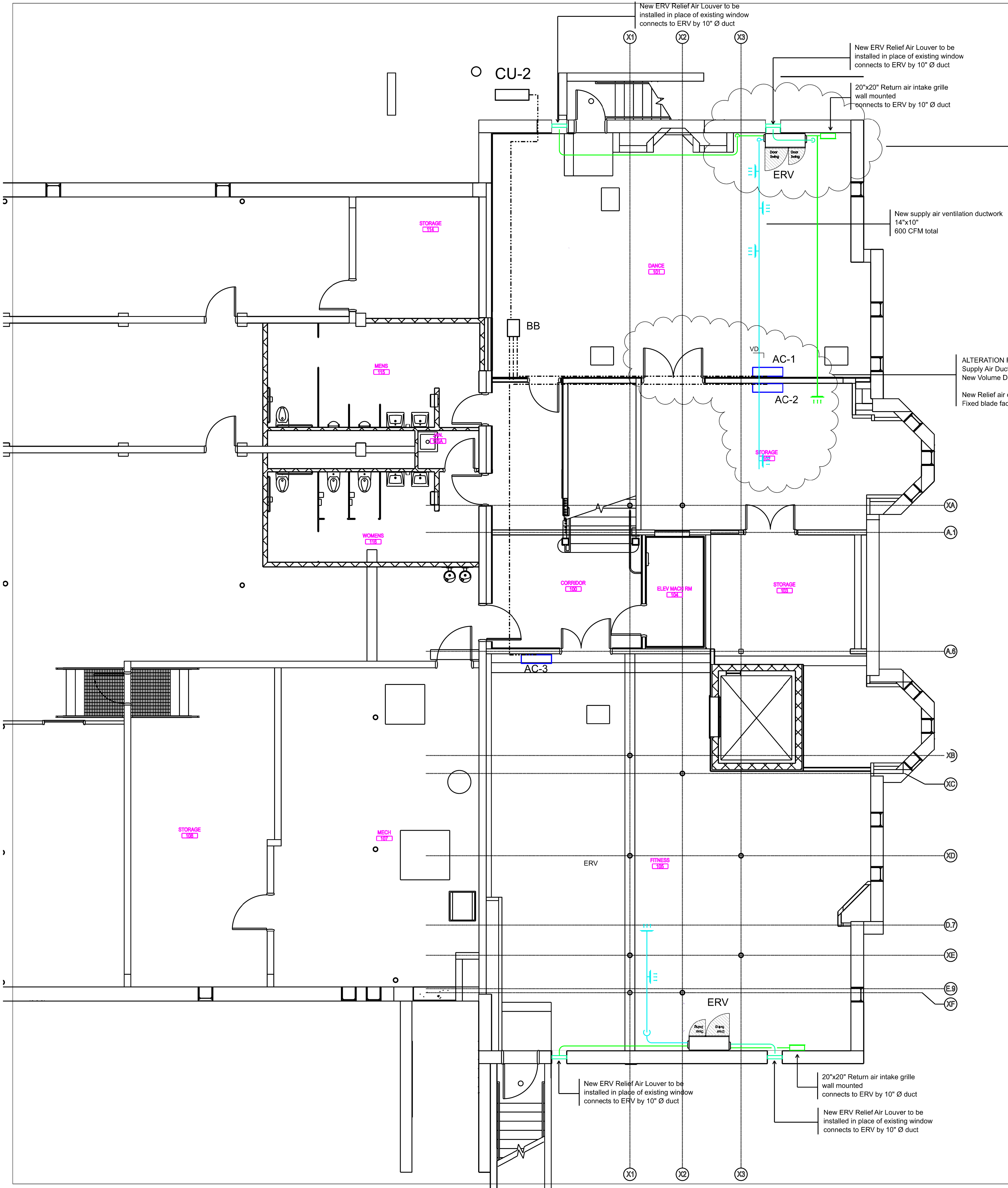
The initial bid document set included on the equipment schedule for the basement units, a section for notes which were not reflected on the drawing. The inclusion of this notes section was an error and has been removed on the attached addendum drawing.

**11. Permit Fee Waivers:**

Permit fees will be waived

**12. Liquidated Damages:**

Liquidated damages if not substantially completed by the agreed upon date (approximately October 31, 2019) will be \$300.00 per day.



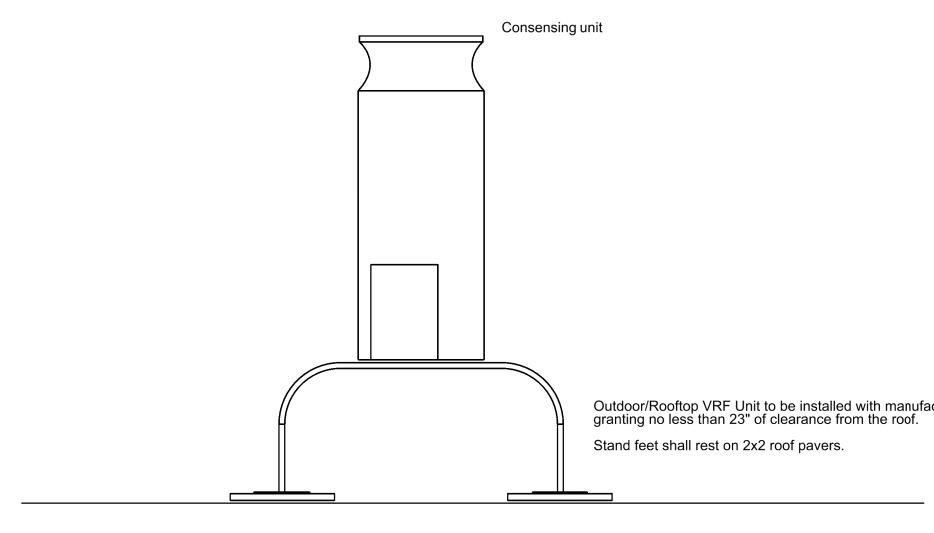
**MITSUBISHI ELECTRIC HVAC US: CITY MULTI VRF INDOOR UNIT SCHEDULE**

System Tag	Room Name	Tag Reference	Model	Type	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	Cooling Design Entering Temp DB/WB (°F) / [Water in temp]	Heating Design Entering Temp DB/WB (°F) / [Water in temp]	Voltage / Phase	Electrical MCA/MFS
System Bsmnt	Dance Studio/AC-1	1	MSZ-GL24NA	Wall mounted type	24000	20,000.0	75.0/63.0	70.0	208/230V/1-phase	0.638/0.63/15
System Bsmnt	Music Ed/AC-2		MSZ-GL06NA	Wall mounted type	6000	34,000.0	75.0/63.0	70.0	208/230V/1-phase	0.18(208V)/0.18(230V)/15
System Bsmnt	Fitness/AC-3		MSZ-GL24NA	Wall mounted type	24000	27,000.0	75.0/63.0	70.0	208/230V/1-phase	0.63(208V)/0.63(230V)/15

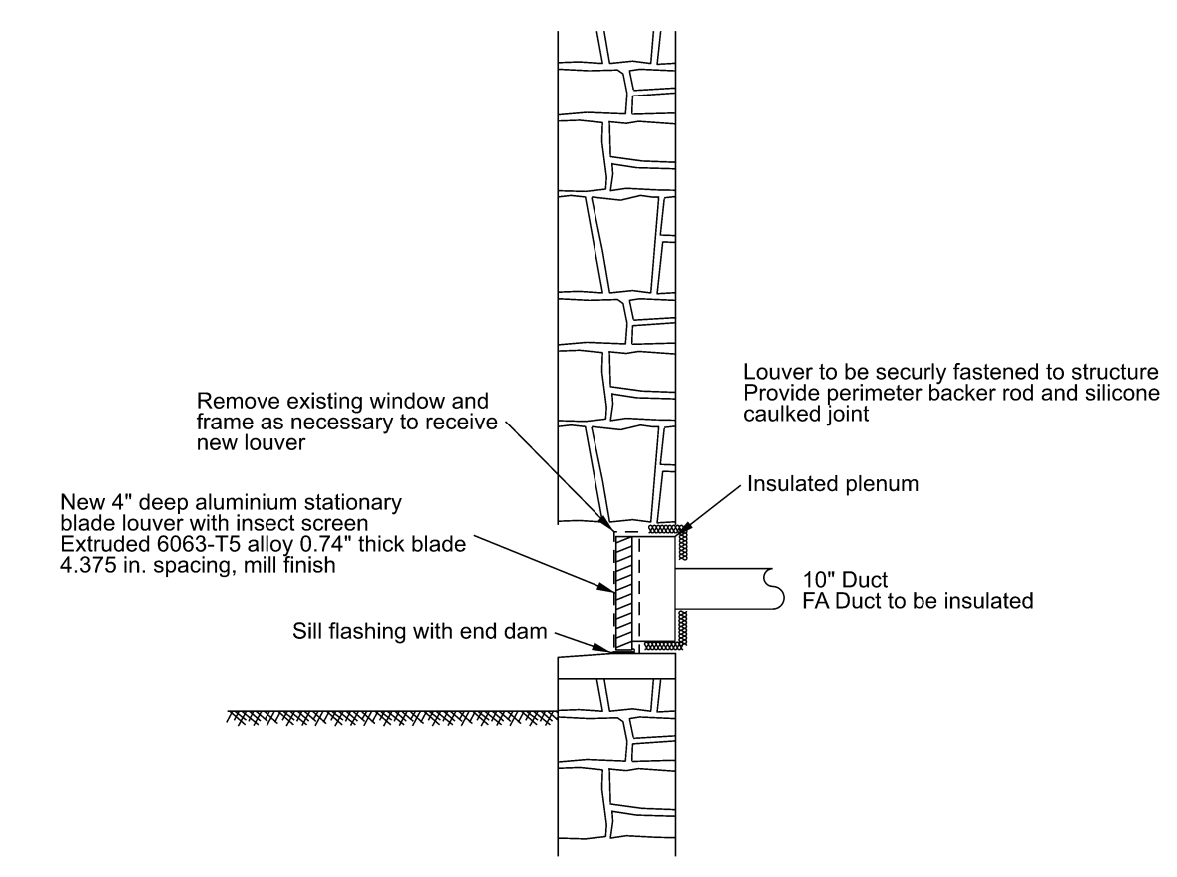
ALTERATION FROM INITIAL BID DOCUMENTS  
Unit to be upsized to allow for simultaneous ventilation of the music room.  
New total is 600 CFM

System Tag	Tag Reference	Model Number	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	Voltage / Phase	Electrical-Per Module	
						MCA 208/230 or [460V]	MOCF
System Bsmnt	CU-2	MXZ-8C60NA	60000	66000	208/230V / 1-phase 3-wire	46	50

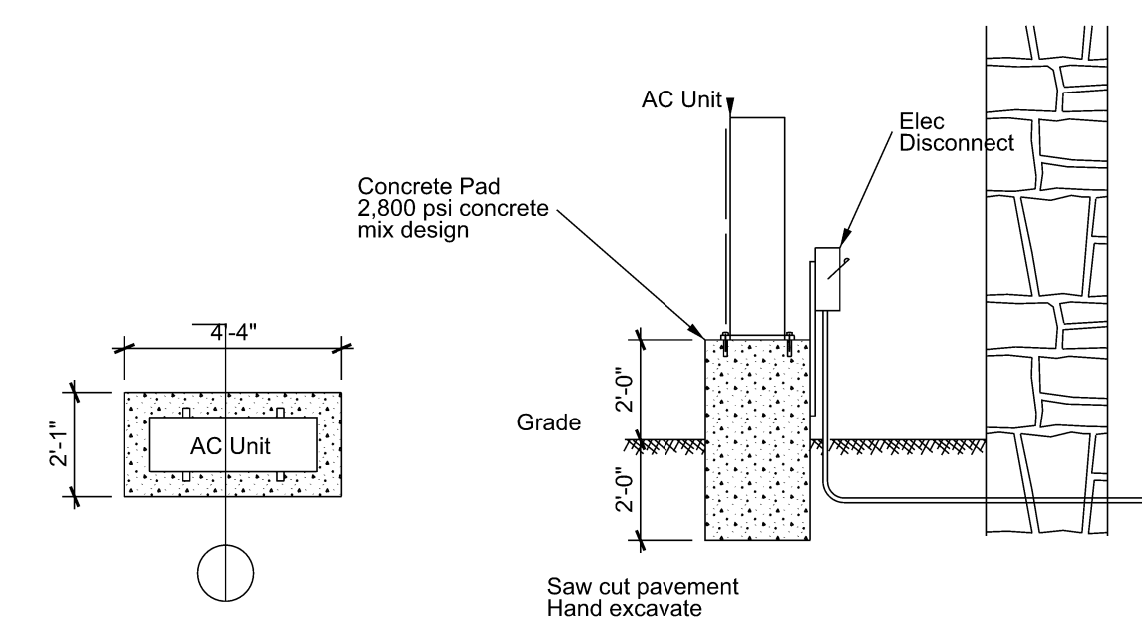
ALTERATION FROM INITIAL BID DOCUMENTS  
Supply Air Duct has been extended directly into the Music Room  
New Volume Damper to be installed to balance for 200 CFM  
New Relief air ductwork to be directed directly into space, balanced to 200CFM  
Fixed blade face mounted return air grille 14x10



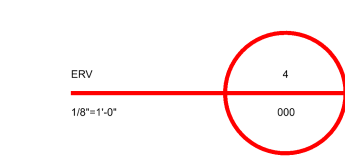
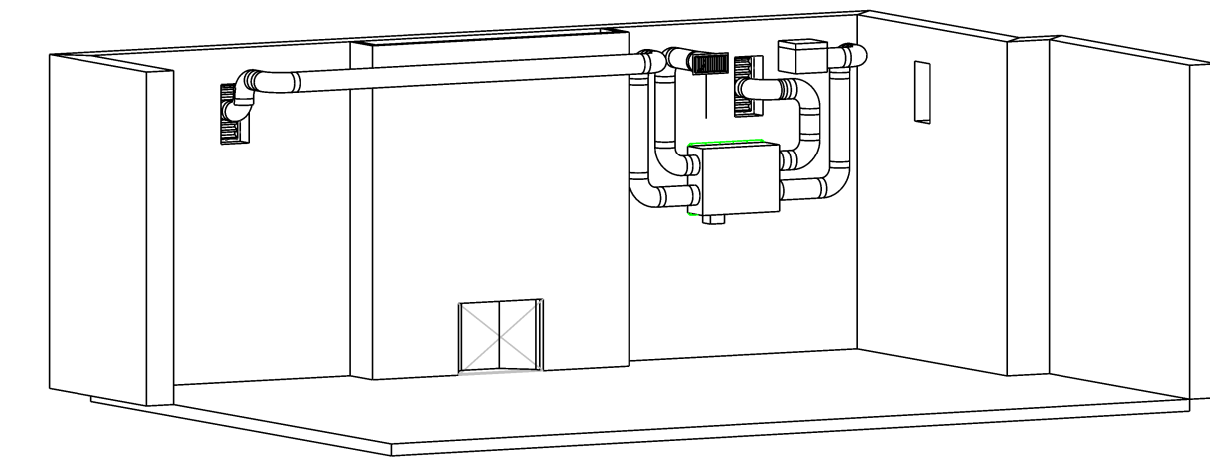
Rooftop Condensing Unit Stand Detail



Louver Detail



Condensing Unit Concrete Pad



MILFORD YOUTH CENTER

24 PEARL ST.  
MILFORD, MA 01757



LEAD ENGINEER:

DAVEY ENGINEERING

36 PLEASANT STREET  
CANTON, MA 02021  
781.575.1985

SUB-CONTRACTOR:

DESIGN DAY MECHANICALS INC

THE PROJECT MANAGER FOR THIS PROJECT IS NOTED BELOW. PLEASE REFER ALL QUESTIONS, SUBMITTALS AND CORRESPONDENCE TO THE PROJECT MANAGER.  
PROJECT MANAGER:  
ANDREW ASSANGE, P.E., LEED AP  
EMAIL: AWA@DDMMECHANICALS.COM  
PHONE: (207) 333-2473  
ADDRESS: 81 POINTS FRIEL RD., WELLS, ME 04090

REVISION HISTORY:

DATE	ISSUANCE
8/28/19	Bid Addendum

USE DISCLAIMER:

STAMP:

LOCUS MAP:

PROJECT NAME:

MILFORD YOUTH CENTER  
MULTIZONE  
AIRCONDITIONING

DRAWING TITLE:

BASEMENT HVAC  
PLAN

CAD FILE NAME:

DRAWING SCALE:

DRAWING NUMBER	AREA	SHEET NUMBER
M-0		1 OF 9





#### CONTRACTORS GUARANTEE

WHEREAS: *Capeway Roofing Systems Inc.*

(Contractor)

OF: *664 Sanford Rd., Westport, MA, 02790*

(Address)

Herein called the "Contractor" has completed construction of the following project:

Owner: Town of Milford

Address of Owner: 52 Main St., Milford, MA 01757

Title of Project: Milford Youth Center

Location: 24 Pearl St., Milford, MA 01757

Date of Completion: 10/15/2015

Date Guarantee Expires: 10/15/2017

Whereas, at the inception of such work the Contractor agreed to Guarantee the construction against faulty materials or workmanship for a limited period and subject to the conditions set forth:

Now, therefore, the Contractor hereby guarantees, subject to the conditions herein set forth, that during a period of two ( 2 ) years from the date of completion of said construction, it will, at its own cost and expense, following receipt of written notice, make or cause to be made such repairs to said construction resulting solely from faulty construction or defects in materials or workmanship applied by or through the Contractor as may be necessary to maintain the construction in defect-free and watertight condition.


This guarantee is made subject to the following conditions:

1. Specifically excluded from this guarantee is any and all damages caused by the following: foundation or wall settlement or cracking; acts of God; defects or failure of materials not installed by the Contractor; faulty construction other than that installed by or for the Contractor or fire. If the construction is damaged by reason of any of the foregoing, this guarantee shall thereupon become null and void for the balance of the guarantee period unless such damage is repaired by the Contractor at the expense of the party requesting such repairs.
2. No work shall be done on said construction unless the Contractor shall be first notified and shall make, at the expense of the Owner, the necessary related construction application thereto. Failure to observe this condition shall render this guarantee null and void.
3. This guarantee shall not be or become effective unless and until the Contractor has been paid in full for all of his work.
4. The undersigned agrees to bear the expense of examination and repair of any construction defects due to improper application as specified above, and the Owner is to bear expense if resulting from other cause or causes. In such latter event, Owner agrees to make payment of appropriate charge within thirty (30) days after billing, failing which, this guarantee shall be null and void.
5. This guarantee runs in favor of Owner only and is not transferable.

In Witness Whereof, this instrument has been duly executed this 15th day of October, 2015

Capeway Roofing Systems Inc.  
Name of Contractor

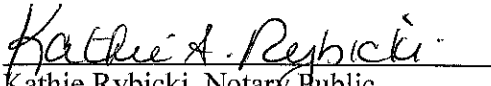
By: Dion Calheta, Vice President  
Authorized Name and Title

  
Signature

(SEAL)

State of Rhode Island  
County of Newport

Subscribed to before me this 21<sup>st</sup> day of Oct, in the year of 2015.

  
Kathie Rybicki, Notary Public  
My Commission Expires 06/08/16

KATHIE A. RYBICKI  
Notary Public, State of Rhode Island  
My Commission Expires June 8, 2016

## Thank You

Thank you for using CertainTeed Corporation's online product registration. Your registration has been accepted. If you entered an email address, you will receive an email confirmation shortly; if not, please print this page as your receipt.

Based on the information you provided, you will receive additional documentation from CertainTeed within 7-10 business days via email or the US Postal Service.



### The following was submitted

Name

Company  
**Town of Milford**

Address  
**52 Main St  
Milford, Massachusetts 01757**

Country  
**United States**

Phone  
**508-634-2317**

Email  
**rbigos@capewayroofing.com**

### Product Information

Date Installed: **10/15/2015**  
Product Group: **Roofing**  
Product Detail: **XT-30 Shingles - Nickel Gray**  
Quantity: **10**  
Warranty number: **R1508546 (Please refer to this number when contacting CertainTeed)**  
Product Registration Number: **887289**

### Building Type

Company  
**Milford Youth Center**

Building Type  
**Other**

Address  
**24 Pearl St  
Milford, Massachusetts 01757**

Country  
**United States**





Thank you for selecting Carlisle SynTec Systems as the provider of your new roofing system. We are confident you've purchased a roof that will protect your building and its assets for years to come.

Enclosed is the owner's manual for your new roof. The manual includes your roofing system warranty, along with care and maintenance information that will ensure long-term system performance.

Carlisle SynTec Systems is unsurpassed in its commitment to providing quality commercial roofing systems, products and services. These services include:

- **Carlisle authorized applicators** - This network of professionally trained roofing contractors ensures quality installation of our products and systems. In addition, they are a valuable resource if rooftop conditions change and modifications or revisions to your roofing system are required.
- **No-dollar-limit warranty** - The warranty issued for your roofing project includes both labor and material coverage as outlined in the enclosed warranty document.
- **Service departments** - There are several departments within Carlisle SynTec Systems available to answer questions and provide information regarding:
  - Roof maintenance programs
  - Revisions, alterations and/or modifications to your roof
  - Roof restoration
  - Warranty service

To properly safeguard your roof – and your warranty – please consult the enclosed care and maintenance information prior to making any changes to your roofing system. For questions regarding your warranty, or to report a roof leak, please call us at 1-800-233-0551.

If you wish to see the latest innovations in commercial roofing, please visit [www.carlisesyntec.com](http://www.carlisesyntec.com). Once again, thank you for choosing Carlisle SynTec Systems.

Sincerely,

A handwritten signature in black ink, appearing to read "R. McNeill", is written over a faint, illegible printed name.

Robert H. McNeill  
Director, Technical & Warranty Services

CARLISLE

# GOLDEN SEAL TOTAL ROOFING SYSTEM WARRANTY

SERIAL NO. 10124139

120

DATE OF ISSUE: October 16, 2015

BUILDING OWNER: MILFORD TOWN HALL  
NAME OF BUILDING: MILFORD YOUTH CENTER  
BUILDING ADDRESS: 24 PEARL STREET, MILFORD, MA

DATE OF COMPLETION OF THE CARLISLE TOTAL ROOFING SYSTEM: 10/15/2015

DATE OF ACCEPTANCE BY CARLISLE: 10/16/2015

(EB Warranty)

CMD1166250

Carlisle Roofing Systems, Inc., (Carlisle) warrants to the Building Owner (Owner) of the above described building, that; subject to the terms, conditions, and limitations stated in this warranty, Carlisle will repair any leak in the Carlisle Golden Seal™ Total Roofing System (Carlisle Total Roofing System) installed by a Carlisle Authorized Roofing applicator for a period of 20 years commencing with the date of Carlisle's acceptance of the Carlisle Total Roofing System Installation. However, in no event shall Carlisle's obligations extend beyond 20.5 years subsequent to the date of substantial completion of the Carlisle Total Roofing System. See below for exact date of warranty expiration.

The Carlisle Total Roofing System is defined as the following Carlisle brand materials: Membrane, Flashings, Adhesives and Sealants, Insulation, Cover Boards, Fasteners, Fastener Plates, Fastening Bars, Metal Work, Insulation Adhesives, and any other Carlisle brand products utilized in this installation.

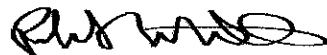
## TERMS, CONDITIONS, LIMITATIONS

- Owner shall provide Carlisle with written notice via letter, fax or email within thirty (30) days of the discovery of any leak in the Carlisle Total Roofing System. Owner should send written notice of a leak to Carlisle's Warranty Services Department at the address set forth at the bottom of this warranty. By so notifying Carlisle, the Owner authorizes Carlisle or its designee to investigate the cause of the leak. Should the investigation reveal the cause of the leak to be outside the scope of this Warranty, investigation and repair costs for this service shall be paid by the Owner.
- If, upon inspection, Carlisle determines that the leak is caused by a defect in the Carlisle Total Roofing System's materials, or workmanship of the Carlisle Authorized Roofing Applicator in installing the same, Owner's remedies and Carlisle's liability shall be limited to Carlisle's repair of the leak.
- This warranty shall not be applicable if, upon Carlisle's inspection, Carlisle determines that any of the following has occurred:
  - The Carlisle Total Roofing System is damaged by natural disasters, including, but not limited to, lightning, fire, insect infestations, earthquake, tornado, hail, hurricanes, and winds of (3 second) peak gust speeds of fifty-five mph or higher measured at 10 meters above ground; or
  - Loss of Integrity of the building envelope and, or structure including, but not limited to partial or complete loss of roof decking, wall siding, windows, doors or other envelope components or from roof damage by wind-blown objects, or
  - The Carlisle Total Roofing System is damaged by any intentional or negligent acts, accidents, misuse, abuse, vandalism, civil disobedience, or the like.
  - Deterioration or failure of building components, including, but not limited to, the roof substrate, walls, mortar, HVAC units, non-Carlisle brand metal work, etc., occurs and causes a leak, or otherwise damages the Carlisle Total Roofing System; or
  - Acids, oils, harmful chemicals and the like come in contact with the Carlisle Total Roofing System and cause a leak, or otherwise damage the Carlisle Total Roofing System.
  - The Carlisle Total Roofing System encounters leaks or is otherwise damaged by condensation resulting from any condition within the building that may generate moisture.
- This Warranty shall be null and void if any of the following shall occur:
  - If, after installation of the Carlisle Total Roofing System by a Carlisle Authorized Roofing Applicator there are any alterations or repairs made on or through the roof or objects such as, but not limited to, structures, fixtures, solar panels, wind turbines, roof gardens or utilities are placed upon or attached to the roof without first obtaining written authorization from Carlisle; or
  - Failure by the Owner to use reasonable care in maintaining the roof, said maintenance to include, but not be limited to, those items listed on Carlisle's Care & Maintenance Information sheet which accompanies this Warranty.
- Only Carlisle brand insulation products are covered by this warranty. Carlisle specifically disclaims liability, under any theory of law, for damages sustained by or caused by non-Carlisle brand insulation products.
- During the term of this Warranty, Carlisle shall have free access to the roof during regular business hours.
- Carlisle shall have no obligation under this Warranty while any bills for installation, supplies, service, and warranty charges have not been paid in full to the Carlisle Authorized Roofing Applicator, Carlisle, or material suppliers.
- Carlisle's failure at any time to enforce any of the terms or conditions stated herein shall not be construed to be a waiver of such provision.
- Carlisle shall not be responsible for the cleanliness or discoloration of the Carlisle Total Roofing System caused by environmental conditions including, but not limited to, dirt, pollutants, or biological agents.
- Carlisle shall have no liability under any theory of law for any claims, repairs, restoration, or other damages including, but not limited to, consequential or incidental damages relating, directly or indirectly, to the presence of any irritants, contaminants, vapors, fumes, molds, fungi, bacteria, spores, mycotoxins, or the like in the building or in the air, land, or water serving the building.
- This warranty shall be transferable upon a change in ownership of the building when the owner has completed certain procedures including a transfer fee and an inspection of the Roofing System by a Carlisle representative.

CARLISLE DOES NOT WARRANT PRODUCTS UTILIZED IN THIS INSTALLATION WHICH IT HAS NOT FURNISHED; AND SPECIFICALLY DISCLAIMS LIABILITY, UNDER ANY THEORY OF LAW, ARISING OUT OF THE INSTALLATION AND PERFORMANCE OF, OR DAMAGES SUSTAINED BY OR CAUSED BY, PRODUCTS NOT FURNISHED BY CARLISLE OR THE PRIOR EXISTING ROOFING MATERIAL OVER WHICH THE CARLISLE ROOFING SYSTEM HAS BEEN INSTALLED

THE REMEDIES STATED HEREIN ARE THE SOLE AND EXCLUSIVE REMEDIES FOR FAILURE OF THE CARLISLE TOTAL ROOFING SYSTEM OR ITS COMPONENTS. THERE ARE NO WARRANTIES EITHER EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, WHICH EXTEND BEYOND THE FACE HEREOF. CARLISLE SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGE TO THE BUILDING OR ITS CONTENTS UNDER ANY THEORY OF LAW.

BY: Robert H. McNeill  
AUTHORIZED SIGNATURE  
TITLE: Director, Technical and Warranty Services



This Warranty Expires: October 15, 2035

P.O. Box 7000 Carlisle, PA 17013 Phone: 800.233.0551 Fax: 717.245.7121 www.carlisesyntec.com

WA-F0001 (1/15)