



ADDENDUM

Public Building Commission of Chicago | Richard J. Daley Center | 50 West Washington Street, Room 200 | Chicago, Illinois 60602 | (312) 744-3090 | pbcchicago.com

ADDENDUM NO.: 05
PROJECT NAME: Emergency Medical Services (EMS) Addition
PROJECT NO.: 07215
CONTRACT NO.: C1611
DATE OF ISSUE: August 2, 2024

NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum. Issued Addenda represent responses/clarifications to various inquiries. Contractors shall be responsible for including all associated labor/material costs in its bid. Drawings/specifications corresponding to inquiry responses will be issued with the Issue for Construction Documents, upon issuance of building permit.

ITEM NO. 1: CHANGE TO KEY DATES

Change 1 The **Bid Due DATE** has been **RESCHEDULED** from Wednesday, August 7, 2024 at 11:00a.m. to Friday, August 9, 2024 at 11:00a.m.

ITEM NO. 2: REVISIONS TO BOOK 1 – PBC INSTRUCTIONS TO BIDDERS

None.

ITEM NO. 3: REVISIONS TO BOOK 2 – PBC STANDARD TERMS AND CONDITIONS

None.

ITEM NO. 4: REVISIONS TO BOOK 3 – TECHNICAL SPECIFICATIONS

None.

ITEM NO. 5: REVISIONS TO DRAWINGS

None.

ITEM NO. 6: REQUESTS FOR INFORMATION

RFI-1.

Question: Can you please provide a copy of the roof warranty on the existing roof to conform with the revised specification.

Response: [Please see attached Roof Warranty, included in this Addendum No. 5.](#)

RFI-2.

Question: Can you confirm that pipe guides and pipe anchors are required at expansion compensators? None are shown on the drawings, but they go hand in hand with expansion joints/loops. Also, if they can provide quantity of guides before and after the expansion device.

Response: [Contractor to provide a delegated design, as per the Contract Documents. Please refer to Plumbing Sheet P001 General Note 39. As well as Sheet P102 Keynote 1, Specification Section 22 05 29 Work line 3, SUBMITTALS Shop Drawings 6 in addition to Specification Section 22 05 29 Products 9., 10., 11., 12., 13., 14.](#)

RFI-3.

Question: Division 7 - Please provide the existing roof warranty and manufacturer.

Response: [The existing building's \(Phase 1\) roof manufacturer is Firestone. The Firestone Warranty, MetalMaster RoofMaster, and Elevate Warranties are included in this Addendum No. 5.](#)

RFI-4.

Question: Power Drawing E102 shows one quad receptacle at the end of each row of tables in Room 363. Drawing T120 shows data devices at the end of each row of tables. Please clarify if we are to include any power or data work on the tables.

Response: Refer to revised Drawing E102 as issued in Addendum 4. Electrical provided through a whip at the end of each row of tables from the wall. Power to be run from the whip to a conduit to supply power for all the workstations. Data as shown on Sheet T120 to be from the wall and serve the workstation through patch cables.

RFI-5.

Question: Power Drawing E103 and Drawing T130 shows the same situation described in item 3 (above) in Room 463.

Response: Refer to revised Drawing E103 as issued in Addendum 4. Electrical provided through a whip at the end of each row of tables from the wall Power to be run from the whip to a conduit to supply power for all the workstations. Data as shown on Sheet T130 to be from the wall and serve the workstation through patch cables.

This Addendum No. 5 and all attachments below can be found at the following Link:

[PBC Emergency Medical Services \(EMS\) Addition C1611](#) by clicking on: Addendum No. 5

This Addendum includes the following attached Specifications and/or Documents:

1. Firestone Building Products Warranty
2. Elevate Holcim Warranty
3. MetalMaster RoofMaster Warranty

This Addendum includes the following attached Drawings:

1. None.

END OF ADDENDUM NO. 05



NOW THAT YOU HAVE A NEW FIRESTONE ROOFING SYSTEM...

Congratulations on your purchase of a Firestone Roofing System! Your new roof is a valuable asset and as such should be properly maintained. All components of the building envelope require periodic maintenance to perform as designed. "Building Envelope Care And Maintenance Guide" printed on the back of your Firestone Limited Warranty contains a number of important items to assist you in maintaining a watertight building for many years. These maintenance guidelines recommend that the building envelope be inspected at least twice yearly. Although this inspection can be performed by any qualified person selected by you, **Firestone recommends that at least one inspection every year be conducted by the Firestone Licensed Applicator who installed your roof.**

Whenever an inspection of the roof is performed, Firestone recommends that the following items be included:

1. ROOF CONDITIONS REQUIRING PERIODIC INSPECTION:

Periodic inspection of the following items is very important to assure that the Firestone Roofing System has not been exposed to conditions not covered by Firestone's Limited Warranty:

- a. **Roof Traffic & Walkways:** The Firestone Roofing System is designed to be a waterproofing component—not a traffic bearing component of the building envelope. As stated in Firestone's System Design Instructions for all Firestone Roofing Systems, "Walkways help protect the membrane from damage due to necessary roof-top service traffic." Please note that walkways should be maintained at all roof access points, around all mechanical equipment which requires maintenance and at all areas where roof traffic more frequent than once a month is anticipated. If, because of traffic requirements, walkways need to be installed on your roof, contact your Firestone Licensed Applicator before proceeding.
- b. **Discharges:** All components of the Firestone roof system must be protected from discharges, such as petroleum products, greases, oils and fats, acids and the like. If the building will have any such discharges, please contact Firestone for suggested methods of protection. If, because of the presence of chemical discharges, protection measures are recommended, contact your Firestone Licensed Applicator before proceeding.

- c. **Ponding Water:** Proper maintenance and good roofing practice suggests that ponded water (defined as standing water on the roof forty-eight (48) hours after it stops raining) should not be allowed on the roof. Roofs should have slope to drain and all drain areas should remain clean. If ponded water areas are observed on the roof that cannot be corrected by periodic cleaning of drain areas, contact your Firestone Licensed Applicator for suggestions.

- d. **Storms:** The building envelope should be inspected after any severe storm, especially after any storm that involves high sustained winds, heavy wind gusts or tornado-like conditions. All roof surfaces should be inspected for damage caused by wind-blown debris. The roof also should be inspected after any hail or ice storm which could have damaged the roofing system. If storm-related damage to the roof system is observed, contact your Firestone Licensed Applicator before proceeding.

- e. **Moisture Infiltration:** It is very important to inspect the roofing system for moisture infiltration from sources excluded by Firestone's Limited Warranty. These sources can include but are not limited to:
 - 1. Latent moisture in a pre-existing roofing system or roof insulation remaining beneath the Firestone Roofing System.
 - 2. Moisture infiltration in or through building walls, copings, mortar joints and roof-top equipment.
 - 3. Condensation of water vapor within the roofing system due to temperature and humidity differentials.

Because inspection for moisture infiltration requires professional roofing experience, Firestone recommends that this inspection be performed by a Firestone Licensed Applicator at least once a year.

2. NON-FIRESTONE MATERIALS:

In some instances, non-Firestone supplied materials are used in conjunction with Firestone Roofing Systems. These materials may include, but are not limited to the following items:

- a. Locally-fabricated sheet metal flashings.
- b. Non-Firestone sealants at roof terminations.
- c. Non-Firestone roof insulations.
- d. Non-Firestone insulation fastening devices, including but not limited to roofing screws, insulation plates, construction adhesives and roofing asphalt.

- e. Preservative-treated wood nailers and blocking.
- f. Roof drains and drain inserts.
- g. Pre-fabricated roof curbs.
- h. Concrete walkway or ballast pavers.
- i. Stone ballast.
- j. Non-Firestone roof coatings.

Because such items are not warranted by Firestone, it is important to establish an ongoing inspection and maintenance program to assure that the performance of non-Firestone materials does not adversely affect the weathertight integrity of the Firestone roofing system. Sheet metal items should be checked for weathertightness and re-anchored/recalced as needed. Nailers and blocking should be checked for soundness, and replaced or re-secured if necessary. Roof drains and drain inserts should be cleared of any debris. Sealants should be inspected for shrinking or cracking and replaced as required. The integrity of roof insulation and insulation attachments should be verified. Walkway pavers should be checked for cracking or splitting and replaced if necessary. Ballast stone should be checked for deterioration due to freeze/thaw conditions. In addition, all ballasted roofs should be inspected for localized wind displacement of the ballast, especially along perimeter roof areas. In the event ballast displacement is observed, the ballast should be carefully re-dispersed uniformly and the addition of larger ballast stones should be considered.

3. FIRESTONE PRODUCTS REQUIRING PERIODIC INSPECTION:

Although Firestone products do not necessarily require periodic maintenance to assure long-term performance, periodic inspection is very important to assure that these products have not been exposed to conditions excluded by Firestone's Limited Warranty:

- a. **The Firestone Roofing Membrane** should be inspected for tears or punctures caused by wind storms, falling objects, roof traffic and the like. If the Firestone membrane is supplied with a factory applied coating, such as roofing granules, the coating should be inspected for any discontinuities caused by abrasion from wind, roof traffic or other sources. **Tears, punctures and abrasions to the membrane must be repaired by a Licensed Firestone Applicator using Firestone specified repair procedures.**

In addition, the membrane should be inspected for any contamination from discharges, such as petroleum products, greases, oils and fats, acids and the like. If any such discharges are observed on the membrane, please contact Firestone for suggested methods of protection. If, because of the presence of chemical discharges, protection measures are recommended by Firestone, contact your Firestone Licensed Applicator before proceeding.

- b. **Firestone Wall Flashings** also should be inspected for tears, punctures, abrasion and contamination from discharges, following the same procedures as for the Firestone Roof Membrane.

4. INSPECTIONS AND SAFETY:

Inspection of any building envelope should be undertaken only by qualified persons who are familiar with safe practices, including all applicable occupational health and safety regulations relating to roofing and construction. **Firestone recommends that all roof inspections be performed by a Firestone Licensed Applicator or a similar roofing professional.**

5. ARRANGING FOR PERIODIC INSPECTIONS:

Please note that the cost of periodic inspections, either by your Firestone Licensed Applicator or by any other roofing professional, are not included in the cost of your Limited Warranty. Firestone recommends that you contact your Firestone Licensed Applicator to obtain a proposal for inspection and maintenance services.

Firestone feels that the preceding recommendations will help you maintain a watertight building for many years. To maximize your return on your building investment, appropriate care is essential. Whenever you have questions concerning your roofing system, do not hesitate to contact your Firestone Licensed Applicator or your local Firestone Sales Representative.

6. ADDITION OF PHOTOVOLTAIC (PV), GARDEN, OR SIMILAR SYSTEMS:

Not all roofing systems are configured in a way that allows them to accept photovoltaic (PV) systems, garden systems, or other above-membrane additions. Prior to installing any systems over your Firestone roofing membrane, you must contact Firestone Quality Building Services group at 1-800-428-4511 for review of the roofing system's readiness for accepting above-membrane systems.

Firestone feels that the preceding recommendations will help you maintain a watertight building for many years. To maximize your return on your building investment, appropriate care is essential. Whenever you have questions concerning your roofing system, do not hesitate to contact your Firestone Licensed Applicator or your local Firestone Sales Representative.

Firestone Building Products

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FIRESTONE / UNA-CLAD PAINT FINISH CLEANING AND MAINTENANCE GUIDE

Although UNA-CLAD factory-applied finishes are extremely durable, a periodic cleaning to remove build-ups of resins and other residue is a good idea to extend coating life. A variety of methods for removal of surface deposits are available. Simple washing with plain water using hoses or pressure spray equipment is usually adequate. When heavy deposits of dirt or other contaminants dull surfaces, stronger methods may be needed.

Two precautions should be observed: (1) do not use wire brushes, abrasives, or similar cleaning tools which will mechanically abrade the coatings surface, and (2) certain cleaning agents listed below should be tested in an inconspicuous area before use on a large scale.

GROUP A: HOT OR COLD DETERGENT SOLUTIONS

A 5% solution in water of commonly used commercial and industrial detergents will not have any deleterious effect on a fluoropolymer surface. These solutions should be followed by an adequate rinse of water. Use a cloth or sponge for application.

GROUP B: SOLVENTS

Most organic solvents are flammable and/or toxic, and must be handled accordingly. Read the manufacturer's Material Safety Data Sheets (MSDS). Keep away from open flames, sparks and electrical motors. Use adequate ventilation, protective clothing, and goggles. Solvent that may be used to remove non-water soluble deposits such as tar, grease, oil, paint, and graffiti from fluoropolymer surfaces include:

- Ethanol (denatured alcohol)
- Isopropyl alcohol (rubbing alcohol)
- Methanol (wood alcohol) Note: methanol is toxic

The above alcohols have no permanent effect on fluoropolymer surfaces.

GROUP C: PETROLEUM SOLVENTS AND TURPENTINE

- VM&P naphtha
- Mineral spirits
- Kerosene
- Turpentine (wood or gum spirits)

The above solvents have no permanent effect on fluoropolymer surfaces.

GROUP D: AROMATIC AND CHLORINATED SOLVENTS

- Xylol (Xylene) Toluol (Toluene)
 - Perchloroethylene (Perclene)
 - Trichloroethylene (Triclene)
- Note: Perchloroethylene and Trichloroethylene are toxic.

The above solvents should be used with caution on a fluoropolymer surface. Limit contact with solvent to five minutes maximum and test before using.

GROUP E: KETONES, ESTERS, LACQUER THINNER AND PAINT REMOVER

- Methyl isobutyl ketone (MIBK)
- Ethyl acetate (nail polish remover)
- Butyl acetate
- Lacquer thinner
- Paint remover (non-flammable)

The above solvents should be used cautiously on a fluoropolymer surface. Limit contact to fluoropolymer surface and test before using. Note: There are many formulations of paint remover on the market. It is possible that some will remove the fluoropolymer surface. Proceed very cautiously in use of paint remover. Metal supplier and coating manufacturer are not responsible for damage from unrestricted use.

GRAFFITI

Graffiti presents a special problem because of the many possible agents used, especially aerosol paint. It is best to try soap and water first. If needed, try the less active solvents from Groups B, C, and D. Next, try the stronger solvents in Group E. If none of these are satisfactory, it may be necessary to resort to touchup, repaint or replacement.

MILDEW

In areas subject to high humidity levels, dirt and spore deposits can permit mildew growth to occur. The following solution is recommended to remove mildew when necessary:

- 1/3 cup dry powdered laundry detergent (such as Tide®)
- 1 quart sodium hypochlorite 5% solution (such as Clorox®)
- 3 quarts water

RUST STAINS

Hydrochloric, citric acid, or muriatic acid, diluted with ten volumes of water, may assist in removing rust stains from fluoropolymer surfaces. Limit contact to five minutes. Oxalic acid solutions or acetic acid (vinegar) may be used for the same purpose. Flush with water. Caution: Acid solutions are corrosive and toxic. Flush all surfaces with copious amounts of water after use.

NOTE: Misuse or abuse of any of the cleaning agents listed above may result in the voiding of the Firestone Metal Paint Finish Limited Warranty. For more information contact Firestone Roofing Solutions at 1-800-428-4511.

Firestone
BUILDING PRODUCTS

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EXPLORE YOUR SERVICE AND MAINTENANCE/REPAIR OPTIONS TODAY

24/7 Service Commitment Availability

Your roofing system is a significant and costly investment which is vital to protecting valuable interior contents. Roof issues must be addressed quickly and efficiently before more extensive and costly damage occurs. Metalmaster Roofmaster provides a "24/7 Service Commitment" to provide you with the fastest and most reliable service in the industry.

We've got you covered whether it's a leak call investigation, miscellaneous roof repairs or improvements, or a simple routine inspection. Your roofing system requires regular maintenance and service throughout the year as a result of daily & seasonal direct exposure to harsh elements. More importantly, your manufacturer's warranty requires regular maintenance to ensure the continued protection of the warranty.

Our visual roof inspections, leak investigations and service and maintenance/repairs and improvements are performed on a time and material basis. If you are interested in obtaining a more detailed list of our services, our pricing options, or moving forward with one of those service options, please let us know and we will gladly schedule a Service Technician to assist with any of your roofing needs at this time. Additionally, we will always provide you with a report of our findings and if extensive repairs are needed, a proposal will be sent over for your review and consideration.

Master Service Agreement

A Metalmaster Roofmaster Master Service Agreement is a simple and cost effective means to proactively maintain and service your roof. This Agreement will provide annual, bi-annual and tri-annual visual inspections of the entire roofing system including, but not limited to: roof related sheet metal, roof seams, roof flashing details, roof flashing for roof penetrations, roof system tie-ins, skylights, to roof drainage systems, by our qualified and experienced service personnel. Metalmaster Roofmaster will address any issues prior to them becoming larger and more costly problems. In addition, incorporating a yearly maintenance plan/program, will assist in supporting the the valuable protection of your warranty and will assist in ensuring that your warranty remains in full force and effect.

Please do not hesitate to contact our office to discuss a Metalmaster Roofmaster Master Service Agreement in greater detail or if you should have any questions or concerns regarding your roofing system.

For more information, please review the attached maintenance brochure on the next page

You may request a quote or a detailed list of our services by contacting our office at 815.459.6415 or via email at service@metalmaster.us

A roofing industry professional would be more than happy to guide you through one of the many excellent choices available!

METALMASTER ROOFMASTER

LEADER IN THE INDUSTRY



SERVICE MAINTENANCE AGREEMENT

Choose the best plan to protect your investment!

GOLD

ANNUAL

One (1) Visual Roof Inspection
(Spring or Fall)

PLATINUM

BIANNUAL

Two (2) Visual Roof Inspections
(Spring and Fall)

BONUS

5% DISCOUNT TOWARDS THE
INITIAL PROPOSAL FOR ADDITIONAL
REPAIRS NEEDED DURING THE
FIRST YEAR

\$25.00 CREDIT TOWARDS YOUR
FIRST EMERGENCY LEAK
INVESTIGATION CALL

DIAMOND

TRIANNUAL

Three (3) Visual Roof Inspections
(Spring, Summer, and Fall)

LOYAL CUSTOMER DISCOUNT

10% DISCOUNT TOWARDS THE
INITIAL PROPOSAL FOR ADDITIONAL
REPAIRS NEEDED DURING THE
FIRST YEAR

\$50.00 CREDIT TOWARDS YOUR
FIRST EMERGENCY LEAK
INVESTIGATION CALL

\$75.00 CREDIT FOR ANY REFERRALS

****Additional visits available upon request****

ALL VISUAL ROOF INSPECTIONS INCLUDE:



Preventative
Maintenance Inspection



Detailed Before
& After Photos



Repair
Proposal



Office: (815) 459-6415
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Metalmaster-Roofmaster.com

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WHAT IS INCLUDED IN YOUR PREVENTATIVE MAINTENANCE INSPECTION?

Metalmaster's comprehensive preventative maintenance inspection consists of a visual examination of readily accessible systems and components as follows and as applicable:

SERVICE FIELD AREA OF ROOF

- Visually inspect the entire accessible surface of the roof covering, and check for any issues.
- Visually inspect for any mechanical or physical damage caused by tools or heavy objects, hail, vandalism, or excessive foot traffic, etc.
- Provide a thorough visual inspection of roof access points, walkways, and "natural" pathways, for potential damage, and/or excessive wear to the roof covering in high traffic areas.
- Visually inspect for any indications of "ponding water", or other signs of poor, or disrupted drainage.
- Visually inspect accessible roofing system covering field seams, and flashing connections.
- Visually inspect roofing system covering, only, for signs of wind, or severe weather damages.
- Check for visual signs of contaminants such as acids, oils, fats, chemicals, and organic solvents, coming in contact with the roofing system covering/membrane, that could potentially have adverse effects on the roof system covering/membrane, if not addressed immediately.

PERIMETER, PARAPET WALL, PENTHOUSE WALL, AND CURB DETAILS AND FLASHINGS

- Visually inspect the entire accessible perimeter, curb, and wall flashings surface of the roof covering, and check for any issues.
- Visually inspect for any mechanical or physical damage caused by tools or heavy objects, severe weather, vandalism, or excessive foot traffic, etc.
- Visually inspect for any indications of "ponding water", or other signs of poor or disrupted drainage.
- Visually inspect accessible roofing system covering's flashing seams.

ROOF DRAINS, GUTTERS, AND SCUPPERS

- Visually inspect the exterior roof drain baskets for leaves, dirt, or any other obstructions which can hinder water from entering the roof drainage components and/or exiting the roofing system surface.
- Visually inspect the roofing system scuppers and collector boxes, for leaves, dirt, or any other obstructions which can hinder water from entering the roof drainage components, and/or exiting the roofing system surface.
- Visually inspect for any roof membrane seam or flashing issues, located at the roofing systems drainage connections, that are potentially requiring service and maintenance to maintain a watertight condition.
- Visually inspect the accessible gutters (as applicable), for leaves, dirt, or any other visually apparent obstructions which can hinder water from entering the roof drainage components, and/or exiting the roofing system surface.
- Visually inspect the accessible gutter system for signs of deterioration, water tightness issues, and/or visually recognizable properly pitched slope.

ROOFTOP UNITS AND PENETRATIONS

- Visually inspect the accessible exterior of the existing roof top units for any apparent areas that could potentially, if not already be a source of water infiltration.
- Visually check for any roof membrane seam or flashing issues, where the roof covering is exposed to view, located at the roof top unit's curb flashings that are potentially, requiring service and maintenance to maintain a watertight condition.
- Visually inspect all existing pipe, conduit and/or any additional roof system penetration flashings, to ensure water tightness at their detail location(s).
- Provide a visual inspection of the accessible roofing system membrane, where the roof covering is exposed to view, located directly around the existing roof top units, for potential damage that could occur during the servicing of the roof-top units, by others.
- To the extent visually available only, confirm that exposed condensation currently draining from the HVAC units on the roof deck, is piped to drain to the roof drainage components.

ROOF SYSTEM PERIMETER EDGE FLASHING, TERMINATIONS, EXPANSION AND CONTROL JOINTS

- Visually check for any accessible perimeter edge roof covering/membrane seams or flashings, that are potentially requiring service and maintenance to maintain a watertight condition.
- Visually inspect all accessible roof covering/membrane and/or sheet metal terminations to visually ensure water tightness at their detail location(s).
- To the extent visually possible, and where accessible, confirm that exposed expansion and control joints are in watertight condition.
- Visually inspect accessible exposed coping joints, and metal flashings for any areas that could potentially, if not already require service or maintenance, or be a source of water infiltration.

ROOF RELATED SHEET METAL WORK AND ROOF RELATED SEALANT APPLICATION

- Visually inspect where accessible, all roof related sheet metal work, including counterflashing, coping, metal edges, etc., are in a watertight condition.
- Visually check all roof related sealant at the exposed joints of the roof related sheet metal work only, for cracking and/or shrinkage, or damages which are recognized to be in need of standard sealant and maintenance.

Upon completion of inspection, Metalmaster will document the results of the inspection and provide owner with an inspection report which will contain suggestions for preventative maintenance or necessary repairs visually recognized, if any.

Prior to any work being performed, Metalmaster will require prior written authorization from Owner. All work as agreed upon will be performed on a Time and Material Basis, or otherwise by agreement. Premium rates will apply for after hour and/or emergency work performed by Metalmaster.

CONTRACT SUMMARY**Warranty No: 700431389****Project No: 4082586****Start Date: 11/01/2022****Building Identification: JOINT PUBLIC SAFETY TRAINING CAMPUS****Building Address: 4443 W. CHICAGO AVE, CHICAGO, IL 60651****Building Owner: JOINT PUBLIC SAFETY TRAINING CAMPUS****Roofing Contractor: METALMASTER ROOFMASTER, 40001656****AREA A,B,C,D,E,F STRUCTURALLY SLOPED TPO ROOF SL-1****Red Shield - TPO - 20 Year - 55 mph****Metal Paint Finish - TPO - 35 Year****Square Footage: 127,175****Square Footage: 127,175****LOWER FULLY TAPERED FULLY ADHERED TPO ROOF SL-2****Red Shield - TPO - 20 Year - 55 mph****Metal Paint Finish - TPO - 35 Year****Square Footage: 450****Square Footage: 450**

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

GENERAL TERMS, CONDITIONS, AND LIMITATIONS

Warranty No: 700431389

Project No: 4082586

Start Date: 11/01/2022

Building Identification: JOINT PUBLIC SAFETY TRAINING CAMPUS

Building Address: 4443 W. CHICAGO AVE, CHICAGO, IL 60651

Building Owner: JOINT PUBLIC SAFETY TRAINING CAMPUS

Installing Contractor: METALMASTER ROOFMASTER, 40001656

Subject to the terms, conditions, and limitations set forth herein, Holcim Solutions and Products US, LLC, an Indiana limited liability company ("Holcim"), provides the Building Owner ("Owner") named above with this Limited Warranty for the Holcim provided Elevate System(s) or Material(s) set forth herein. This Warranty consists of multiple pages, all of which comprise the express terms and conditions of the warranty herein. Additional requirements, terms, conditions, exceptions, and limitations are defined in subsequent pages. In the event that any inconsistencies exist between the General Terms, Conditions, and Limitations listed below and the Terms, Conditions, and Limitations in subsequent pages, the subsequent pages will prevail.

GENERAL TERMS, CONDITIONS, AND LIMITATIONS

Payment Required. Holcim shall have no obligation under this Limited Warranty unless and until Holcim and the licensed Elevate applicator have been paid in full for all materials, supplies, services, approved written change orders, warranty costs, and other costs which are included in, or incidental to, the System or Materials. In the event that repairs not covered by this Limited Warranty are necessary, Holcim reserves the right to suspend this Limited Warranty until such repairs have been completed and the licensed Elevate applicator and/or Holcim has been paid in full for such repairs.

Exclusions. Holcim shall have no obligation under this Limited Warranty, or any other liability, now or in the future, if a claim or damage is caused by: Natural forces, disasters, or acts of God including, but not limited to, fires, hurricanes, tornadoes, downbursts, wind-blown debris, lightning, earthquakes, volcanic activity, atomic radiation, insects or animals; Act(s), conduct or omission(s) by any person, or act(s) of war, terrorism or vandalism, which damage the System or Material or which impair the System or Material's ability to perform properly; Failure by the Owner to use reasonable care in maintaining the System or Material, said maintenance to include, but not be limited to, those items listed in the current version of the Elevate Building Owner's Manual available at www.holcimelevate.com in the Building Owner's Toolbox; Deterioration, defects or failure of building components, including, but not limited to, the substrates, structural elements, walls, mortar, HVAC units, skylights, foundation settlement, etc.; Construction generated moisture, condensation or infiltration of moisture in, from, through, or around the walls, copings, rooftop hardware or equipment, skylights, building structure or underlying or surrounding materials; Acid, oil, harmful chemicals, or the reaction between them; Alterations or repairs to the System or Materials that are not completed in accordance with Holcim's published specifications, not completed by a licensed Elevate applicator and/or completed without proper notice to Holcim; The design of the System: Holcim does not undertake any analysis of the architecture or engineering required to evaluate what type of System, Installation or Material is appropriate for a building and makes no warranty express or implied as to the suitability of its Products for any particular structure; such a determination is the responsibility of the architect, engineer or design professional; Improper selection of materials for the assembly or the failure to accurately calculate wind uplift and/or applicable design loads; Deterioration to metal materials and accessories caused by marine salt water, atmosphere, or by regular spray of either salt or fresh water; Failure of any materials not manufactured or provided by Holcim used in the Elevate System or Installation not specifically accepted in writing by Holcim to be included in coverage; Change in building use or purpose; Failure by the licensed Elevate applicator or any additional contractor or subcontractor to follow Holcim's recommended installation instructions or approved specifications or drawings for the layout, design and installation of the System or Materials. It shall be the licensed Elevate applicator's sole and exclusive responsibility to strictly follow Holcim's recommended installation instructions or approved specifications or drawings for the layout, design and installation of the System or Materials; or, Failure to correct all installation deficiencies listed in any Holcim inspection report.

Overburden. Owner shall be responsible for the costs associated with the removal and replacement, as well as any damage caused by the removal and replacement, of any overburden, superstrata or overlays, either permanent or temporary, which include but are not limited to: structures or assemblies added after installation, fixtures or utilities on or through the System or Material, support platforms or bases for Photovoltaic (PV) Arrays (aka - Solar Panels), Garden Roofs, Decks, Patios or any other obstacles that impede access, clear observation, investigation, and repair of the System or Materials, excluding ballast or pavers accepted by Holcim or overburden specifically included in subsequent pages of this Limited Warranty.

Term. The term of this Limited Warranty shall be for the period set forth above and in subsequent pages of this document and shall not be extended under any circumstances without Holcim's written approval.

Access. During the term of this Limited Warranty, Holcim's employees or designees shall have free access to the building for inspection, audit, or repair purposes during regular business hours with reasonable advance notice. In the event that access is limited due to security, tenant concerns or other restrictions, Owner shall reimburse Holcim for all reasonable costs incurred during inspection and/or repair of the System or Material that are due to delays associated with said restrictions.

Waiver & Severability. Holcim's failure to enforce any of the terms or conditions stated herein shall not be construed as a waiver of such provision or of any other terms and conditions of this Limited Warranty. If any portion of this Limited Warranty is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force to the fullest extent permitted by law.

Disputes. Any dispute, controversy, or claim between Owner and Holcim concerning this Limited Warranty or relating to any material(s) supplied by or required by Holcim shall be submitted to mediation in Davidson County, Tennessee. In the event that Owner and Holcim do not resolve the dispute, controversy, or claim in mediation, Owner and Holcim agree that neither party will commence or prosecute any suit, proceeding, or claim other than in the state and federal courts in Davidson County, Tennessee. Each party irrevocably consents to the jurisdiction and venue of the above-identified courts. Owner hereby releases Holcim from all liability to Owner's insurance carrier or to anyone claiming under or through Owner by reason of subrogation or otherwise.

Governing Law. This Limited Warranty shall be governed by and construed in accordance with the laws of the state of Tennessee without regard to its rules on conflicts of laws.

HOLCIM DOES NOT WARRANT PRODUCTS INCORPORATED OR UTILIZED IN THIS INSTALLATION THAT WERE NOT FURNISHED BY HOLCIM. HOLCIM SPECIFICALLY DISCLAIMS LIABILITY UNDER ANY THEORY OF LAW ARISING OUT OF THE INSTALLATION OF, PERFORMANCE OF, OR DAMAGES SUSTAINED BY OR CAUSED BY, PRODUCTS NOT FURNISHED BY HOLCIM. THIS LIMITED WARRANTY SUPERSEDES AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND HOLCIM HEREBY DISCLAIMS ALL SUCH WARRANTIES. THIS LIMITED WARRANTY SHALL BE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HOLCIM AND HOLCIM SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGES TO THE BUILDING OR ITS CONTENTS, SUBSTRATES, OR THE ROOF DECK. THIS LIMITED WARRANTY CANNOT BE AMENDED, ALTERED OR MODIFIED IN ANY WAY EXCEPT IN WRITING SIGNED BY AN AUTHORIZED OFFICER OF HOLCIM. NO OTHER PERSON HAS ANY AUTHORITY TO BIND HOLCIM WITH ANY REPRESENTATION OR WARRANTY WHETHER ORAL OR WRITTEN.

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

26 Century Blvd., Suite 205, Nashville, Tennessee 37214
800-428-4442 www.holcimelevate.com

RED SHIELD™ ROOFING SYSTEM LIMITED WARRANTY

Warranty No: 700431389

Project No: 4082586

Start Date: 11/01/2022

Building Identification: JOINT PUBLIC SAFETY TRAINING CAMPUS

Building Address: 4443 W. CHICAGO AVE, CHICAGO, IL 60651

Building Owner: JOINT PUBLIC SAFETY TRAINING CAMPUS

Roofing Contractor: METALMASTER ROOFMASTER, 40001656

AREA A,B,C,D,E,F STRUCTURALLY SLOPED TPO ROOF SL-1

Red Shield - TPO - 20 Year - 55 mph

Square Footage: 127,175

LOWER FULLY TAPERED FULLY ADHERED TPO ROOF SL-2

Red Shield - TPO - 20 Year - 55 mph

Square Footage: 450

Holcim Solutions and Products US, LLC, an Indiana limited liability company ("Holcim"), warrants to the Building Owner ("Owner") named above that Holcim will, subject to the Terms, Conditions, and Limitations set forth herein, provide labor and material during the Warranty Period to repair any leak in the Elevate Roofing System ("System") caused by: normal weathering, manufacturing defects, or workmanship in the application of the System.

TERMS, CONDITIONS, AND LIMITATIONS

Products Covered. The System shall mean only the Elevate branded roofing membranes, Elevate branded roofing insulations, Elevate branded roofing metal, and other Elevate branded roofing accessories when installed in accordance with Holcim's technical specifications by a licensed Elevate applicator. Any materials not manufactured or supplied by Holcim are not covered under this Limited Warranty.

Notice. In the event any leak occurs in the System, Owner must give notice in writing or by telephone to Holcim Warranty Services ("Warranty Services") within thirty (30) days of the occurrence of the leak. By so notifying Holcim, Owner authorizes Holcim or its designee to investigate the cause of the leak at its option.

Investigation. Should the investigation reveal that the leak is excluded under the Terms, Conditions, and Limitations set forth herein, Owner shall be responsible for payment of the investigation costs. Failure by Owner to pay for these costs shall render this Limited Warranty null and void. Owner is responsible for completing repairs not covered by this Limited Warranty. Failure by Owner to repair unwarranted leaks in a reasonable manner using a licensed Elevate applicator and within 60 days shall render this Limited Warranty null and void.

No Dollar Limit (NDL). If upon investigation, Holcim determines that the leak is not excluded under the Terms, Conditions, and Limitations set forth herein, Owner's sole and exclusive remedy and Holcim's total liability shall be limited to the repair of the leak. There is no dollar limit placed on the cost to repair a warranted leak.

Exclusions. Holcim shall have no obligation to repair a leak or damage caused by: Hail; Winds of peak gust speed at or in excess of 55 mph calculated at ten (10) meters above ground using available meteorological data (all associated building components, including but not limited to the deck substrate, joists, columns and foundation, must also meet wind speed design requirements); Roof traffic or storage of materials or equipment on the roof not specifically accepted in writing by Holcim; Any leak caused by the breach, rupture, or failure of any building envelope component not covered under this Limited Warranty; or, Failure to properly notify Holcim Warranty Services as set forth herein.

Transfer. This Limited Warranty shall be transferable and assignable subject to Owner's payment of the current transfer fee set by Holcim.

Alteration. Owner shall notify Holcim in writing upon making any alterations to the System, or installing any structures, fixtures, or utilities on or through the System after installation, including, but not limited to: Photovoltaic (PV) Arrays, Garden Roofs, Decks, Patios, and areas intended for public access. Failure to obtain Holcim's approval for a roof alteration, or failure to provide required documentation, shall render this Limited Warranty null and void.

HOLCIM SOLUTIONS AND PRODUCTS US, LLC

By: Michael Huber

Authorized
Signature:



Title: Director of Warranty Services

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

UNA-CLAD™ METAL PAINT FINISH LIMITED WARRANTY

Warranty No: 700431389

Project No: 4082586

Start Date: 11/01/2022

Building Identification: JOINT PUBLIC SAFETY TRAINING CAMPUS

Building Address: 4443 W. CHICAGO AVE, CHICAGO, IL 60651

Building Owner: JOINT PUBLIC SAFETY TRAINING CAMPUS

Installing Contractor: METALMASTER ROOFMASTER, 40001656

AREA A,B,C,D,E,F STRUCTURALLY SLOPED TPO ROOF SL-1

Metal Paint Finish

Square Footage: 127,175

LOWER FULLY TAPERED FULLY ADHERED TPO ROOF SL-2

Metal Paint Finish

Square Footage: 450

Holcim Solutions and Products US, LLC, an Indiana limited liability company ("Holcim"), warrants to the Building Owner ("Owner") named above that Holcim will, subject to the Terms, Conditions, and Limitations set forth herein, refinish any exterior paint finish ("Finish") during the Warranty Period on the UNA-CLAD™ branded coil-coated metal ("UNA-CLAD Metal") supplied by Holcim as part of the project named above that exhibits any of the following exterior surface conditions measured at the values listed below by group:

- 1) Loss of Adhesion, including, but not limited to peeling, checking, or cracking, except for crazing or cracking that may occur on formed edges or bends of metal roofing panels and trim, for a term not to exceed thirty-five (35) years.
- 2) Chalking in excess of the numerical rating listed below, Vertical and Non-Vertical, when measured in accordance with ASTM D 4214 "Standard Methods of Evaluating Degree of Chalking of Exterior Paints," for a term not to exceed thirty (30) years.
- 3) Fade or change in color in excess of the Vertical rating listed below in color difference units as measured on exposed surfaces that have been cleaned of external deposits and chalk and the corresponding values measured on the original or unexposed painted surfaces when tested in accordance with ASTM D 2244 3.7.1 and 3.8.4, "Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates," for a term not to exceed thirty (30) years.

TERMS, CONDITIONS, AND LIMITATIONS

Group 1: Adhesion - 35 years, Chalk - 30 years at 8, Fade - 30 years at 5:

Almond, Bone White, Cityscape, Colonial Red, Hartford Green, Hemlock Green, Mansard Brown, Medium Bronze, Patina Green, Regal Blue, Sandstone, Sherwood Green, Sierra Tan, Sky Blue, Slate Gray, Stone White, Terra Cotta, Tropical Patina, Burnished Slate

Group 2: Adhesion - 35 years, Chalk - 30 years at 8, Fade - 30 years at 7:

Charcoal Gray, Dark Bronze, Dark Ivy, Extra Dark Bronze, Teal

Group 3: Adhesion - 35 years, Chalk - 20 years at 8, Fade - 20 years at 9:

Brandywine, Matte Black, Regal Red, Electric Blue, Award Blue

Group 4: Adhesion - 30 years, Fade - 30 years at 8:

Premium Pattern Colors

Group 5: Adhesion - 20 years, Chalk - 20 years at 8:

Champagne Metallic, Classic Copper, Silver Metallic, Aged Zinc, *Vintage

***Note: Vintage finish not warranted in industrial or marine applications.**

Group 6: Adhesion - 20 years, Chalk - 20 years at 8, Fade - 20 years at 5:

*Flurothane® Coastal (all colors)

***Note: Flurothane Coastal finish is the only paint finish warrantable within 1,500 feet of a saltwater environment.**

Products Covered. This Metal Paint Finish Limited Warranty ("Limited Warranty") is limited exclusively to metal roofing panels and/or metal trim fabricated from UNA-CLAD Metal and installed in accordance with Holcim's technical specifications by a licensed Elevate applicator. Any materials not manufactured or supplied by Holcim are not covered under this Limited Warranty.

Notice. In the event that any peeling, checking, cracking, chalking, fading, or color change of the Finish occurs, Owner must give notice to Holcim Warranty Services ("Warranty Services") in writing or by telephone within thirty (30) days of such occurrence. By so notifying Holcim, Owner authorizes Holcim or its designee to investigate the condition of the Finish at its option. Holcim will have no obligation to refinish any area(s) of the UNA-CLAD Metal if Owner fails to give proper notice to Holcim Warranty Services as set forth herein. Notifying Installing Contractor, a local contractor, or and Elevate Sales Representative does not constitute notice to Holcim Warranty Services as required by this section. Owner agrees to retain original proof of purchase of the UNA-CLAD Metal and Elevate packing slip, and to supply the originals upon submitting a claim.

Investigation. Should the investigation reveal that the surface condition of the Finish is excluded under the Terms, Conditions, and Limitations set forth herein, Owner shall be responsible for payment of the investigation costs and shall repair or refinish the UNA-CLAD Metal at Owner's expense within a reasonable time but no more than sixty (60) days from the date of the investigation. Failure by Owner to pay for these costs or to have unwarranted conditions repaired by a licensed Elevate applicator shall render this Limited Warranty null and void.

Limitations. Should the investigation reveal that the surface condition of the Finish is not excluded under the Terms, Conditions, and Limitations set forth herein, Owner's sole and exclusive remedy and Holcim's total liability shall be limited to refinishing of the affected area of the UNA-CLAD Metal determined by Holcim to require refinishing. Any and all refinishing work so performed by Holcim under the Terms of this Limited Warranty shall be performed using any standard finishing practices and materials. Holcim's obligation over the life of this Limited Warranty is limited to Owner's original purchase price of the UNA-CLAD Metal.

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

***Flurothane is a registered trademark of The Sherwin-Williams Company**

UNA-CLAD™ METAL PAINT FINISH LIMITED WARRANTY

Warranty No: 700431389

Project No: 4082586

Start Date: 11/01/2022

Building Identification: JOINT PUBLIC SAFETY TRAINING CAMPUS

Building Address: 4443 W. CHICAGO AVE, CHICAGO, IL 60651

Building Owner: JOINT PUBLIC SAFETY TRAINING CAMPUS

Installing Contractor: METALMASTER ROOFMASTER, 40001656

Exclusions. Holcim shall have no obligation under this Limited Warranty, or any other liability, for any damage to or deterioration of or failure of the Finish caused by hail; winds; roof traffic or storage of materials or equipment on the roof not specifically accepted in writing by Holcim; standing water or the continuous spray of either salt or fresh water; any installation within 1,500 feet (457 meters) of a saltwater environment (Flurothane Coastal Finish excepted); airborne sand abrasion; metal shavings; surface temperatures that exceed 200 °F (93 °C); any failure caused by the attachment or mounting of any item or device to or near the UNA-CLAD Metal; improper handling during transportation and/or installation, including but not limited to improper storage or placement, surface damage, or failure to remove strippable protective film; or, failure of Owner to perform regular inspections and maintenance of the Metal Panels (see the Elevate Owner's Manual in the Building Owner's Toolbox at www.holcimelevate.com).

Transfer. This Limited Warranty shall be transferable and assignable subject to Owner's payment of the current transfer fee set by Holcim.

Alteration. Owner shall notify Holcim in writing upon making any alterations to the UNA-CLAD Metal, or installing any structures, fixtures, or utilities on or through the UNA-CLAD Metal after installation, including, but not limited to: Photovoltaic (PV) Arrays, Garden Roofs, Decks, Patios, and areas intended for public access. Failure to obtain Holcim's approval for an alteration to the UNA-CLAD Metal, or failure to provide required documentation, shall render this Limited Warranty null and void.

HOLCIM SOLUTIONS AND PRODUCTS US, LLC

By: Michael Huber

Authorized
Signature:



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Warranty

11/01/22

EFFECTIVE



Warranty

11/01/24

EXPIRES

METALMASTER ROOFMASTER

Metalmaster Roofmaster, Inc. ("Metalmaster Roofmaster") hereby warrants all work performed by Metalmaster Roofmaster only on the below referenced project against any defect of material and/or workmanship for a period of two (2) years from the effective date shown above and in strict accordance with the terms set forth herein and to the exclusion of all other terms. Provided Metalmaster Roofmaster receive written notice during the warranty period of any defects in workmanship and/or material, Metalmaster Roofmaster will diligently correct any applicable defects in workmanship and/or material under the terms hereof. As a condition precedent of any obligations of Metalmaster Roofmaster under this warranty, the Owner shall have furnished written notice to Metalmaster Roofmaster within 24 hours upon discovery by the Owner or the Owner's agent of the condition requiring repair.

Metalmaster Roofmaster is not liable for any loss or damage during the warranty period caused in whole or in part by: (a) Any and all negligence, intentional actions, misuse and/or abuse by the owner, (including owner's agents, employees, contractors, business invitees, third parties and/or anyone having access to the system); (b) Failure by the Owner to provide routine maintenance; (c) Routine wear and tear; (d) Any act(s), conduct or omission(s) by any person, acts of war, terrorism, vandalism, natural forces or disasters; (e) Deterioration or failure of adjacent or surrounding building components; (f) Condensation, ice backup or infiltration in, through or around adjacent or surrounding building components; (g) Any acids, harmful chemicals, alteration, repair, disturbance, roofing, penetrations, heavy traffic, installation or attachment of any kind that does not comply with published specifications and/or which were not performed by Metalmaster Roofmaster; (h) The architecture, engineering, construction and/or design of any of the following: the roof, roofing system, any product or materials supplied or installed by Metalmaster Roofmaster, and/or the building. This warranty shall not take effect and shall not be valid and enforceable until such time as Metalmaster Roofmaster is paid in full in strict accordance with the contractual payment obligations for the project giving rise to this Warranty. This warranty shall be secondary and subordinate to any warranty offered by any manufacturer of any product incorporated into the job giving rise to this Warranty (a "Manufacturer Warranty"), which said Manufacturer Warranty shall be exhausted in full prior to this Warranty taking effect.

Metalmaster Roofmaster's liability and obligations under this Warranty are limited solely to the repair of its material and workmanship only. Under no circumstance shall Metalmaster Roofmaster be liable under this Warranty for: (a) economic damages, (b) consequential damages and special damages; (c) any interior damage to the Owner's building; and/or (d) any damage to material not supplied or installed by Metalmaster Roofmaster. Metalmaster Roofmaster is not liable for any loss or damage to the exterior, interior or contents of any structure under any circumstance. Specific performance of necessary repair work shall be the sole and absolute remedy available to the Warranty holder for any cause of action based in whole or in part upon a breach of this Warranty. Absent written consent, this Warranty shall not be transferable to any third party.

CITY OF CHICAGO
OWNER

JOINT PUBLIC SAFETY AND TRAINING ACADEMY
PROJECT NAME

4301 W. CHICAGO AVE CHICAGO, IL 60651
PROJECT LOCATION

METALMASTER ROOFMASTER, INC.



DAVID KOZIAL, EXECUTIVE VICE PRESIDENT

Dated this 1st day of November, 2022

Non Transferable