

M. Gottfried, Inc.

Roofing and Sheet Metal Contractors

89 Research Drive, P.O. Box 2218, Stamford, Connecticut 06906-0218
PHONE: (203) 323 8173 Website: mgottfried.com FAX: (203) 359 2498

Viking Construction, Inc.
1387 Seaview Avenue
Bridgeport, CT 06607
ATTN: Jo Ann Michaels

November 13, 2019

RE: Reroofing quotation for section D
Stamford High School
55 Strawberry Hill Avenue
Stamford, CT

Dear Jo Ann,

Below please find our reroofing quotation for reroofing the above referenced section of roof at Stamford High School. The quotation is based on all upgrades associated with the manufacturers 30-year warranty. It also includes erecting the access and debris scaffold at the front of the school. The scaffold must come out about 45 l.f. on the "hill" to where the tree is located. We can only bring a dumpster in this far and the scaffold in this configuration will enable us to remove the roof debris and not disturb the road access, or the neighbor on the right of the school. We have also included performing temporary work if the flashing on this roof is tested and determined to contain asbestos, similar to that of Roof A.



Location of roof (far right side)



View of roof

Our scope of work shall be as follows:

1. Set up a scaffold tower with debris chute. Scaffold shall be erected by a licensed scaffold contractor and provide roof access as well as a means of debris removal. Scaffold will be located in the front of the school and go from the roof out approximately 45' long to the "tree", where we can bring in a dumpster. Construction manager shall erect a fence around the scaffold/dumpster to further increase safety and limit access to the work area if necessary.
2. Load materials to the roof on a Saturday and set up perimeter safety equipment around the work area.

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3. Vacuum and remove all loose ballast from the designated flat roof sections.
4. If the roof flashing is determined to contain asbestos, we shall work in conjunction with the Construction Manager's Abatement Contractor, install temporary base flashing at perimeter walls, roof curbs and roof penetrations as he removes the contaminated materials. The Abatement Contractor shall be instructed by the Construction Manager that this his abatement work will happen in stages. This is necessary to limit the amount of temporary flashings during the roof replacement process.
5. Remove existing roofing and insulation down to the steel deck. The amount of roofing removed each day will be the same as the amount of new roofing installed to maintain as much of a water-tight condition as possible.
6. Dispose of debris in a dumpster located at the base of the scaffold/chute.
7. Remove the surface mounted cap flashing installed partway up the parapet wall. This will allow the new base flashing to go up all the way to the counterflashing below the coping stone.
8. Over deck adhere Carlisle Air/Vapor barrier. Apply Carlisle VapAir Seal flashing foam to all roof penetrations to create the proper seal. The vapor barrier will help mitigate occupant generated moisture from driving into the roof cavity over time.
9. Over vapor barrier mechanically fasten 2 layers of 2.6" Carlisle SecurShield polyisocyanurate insulation. The SecurShield insulation has a coated glass facer that provides greater moisture resistance over the standard organic facer which can propagate mold. The insulation will have an R-value = 30.
10. Furnish and mechanically fasten SecurShield tapered insulation crickets along the wall with the drains.
11. Install new .090 EPDM membrane up and over parapet walls to the underside of the existing counterflashing.
12. Expansion joint flashing at the rising rear wall will be opened to allow for base flashing to go under the metal work. The metal flashing will then be resealed.
13. Flash all skylights, curbs and penetrations as per Carlisle's 30-year details.
14. Flash roof drains.
15. All flashing and membrane installation shall be performed in accordance with Carlisle's specified 30-year detail enhancements.

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16. Remove all equipment and excess material from the roof.
17. A Manufacturers 30-year labor and material No Dollar Limit manufacturer's warranty will be issued for this work.
18. Remove scaffolding.

Notes and exclusions:

1. All work shall be performed during regular working hours Monday through Friday. Some Saturday work is included for loading and unloading. No shift work is included.
2. Owner is advised that the project involves installing the insulation using fasteners. These will require drilling and banging on the deck. We shall not be responsible for any falling dust/spalling, etc., of the underside of the deck that may occur.
3. No deck repair or patching is included.
4. Price based on building being non-FM insured. If FM is the insurance carrier we must be notified, and we will submit a revised quotation based on their enhanced requirements.
5. During the course of reroofing the rooftop units and other rooftop items will have to be slightly raised up in order to install the new roofing. We shall be as careful as possible in performing this work, however, it is possible for an old line to a unit to crack or break during this process. Should this happen the Owner will be notified, and it shall be their/the tenant's responsibility and at their cost to repair the problem.
6. The cost for the building permit is Not included.
7. Even though we shall be performing our work as quietly and gently as possible, the Owner must acknowledge and notify tenants that the above work will involve drilling, screwing and hammering into the deck. This will create noise. There will be vibrations and banging. It shall be the General Contractor's/Construction Manager's/schools responsibility to secure and/or protect their possessions from movement or any dust that may fall. Interior cleaning and/or protection are not included.
8. From our initial investigation the roof appear to be sloped. Accordingly, all insulation in our proposal is flat except for the noted tapered crickets. If tapered insulation is desired or needed to eliminate any water ponding that may be present, we can have our supplier develop a tapered layout to best suit the existing drain locations and provide a quote for the additional cost. The use of tapered insulation may not be possible due to the low height of the metal expansion joint flashing at the rear rising wall.

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Alternate:

It has been mentioned that a solar system may be installed on this roof. If this is the intent, the Owner may wish to have a high density coverboard set in foam adhesive installed over the insulation system prior to adhering the roof membrane. The high density coverboard will provide a tough durable surface that will protect the roof insulation. By setting the coverboard in adhesive all the fastener heads and plates that secure the insulation will be covered and leave the EPDM surface smooth and eliminate scuff points that occur with roof traffic.

Please let me know if you have any questions.

Respectfully,



David Lederman