Wethersfield Public Schools

ROOF ANALYSIS REPORT
FOR
BOARD OF EDUCATION

PREPARED BY:
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TREMCRO ROOFING & BUILDING MAINTENANCE
May 5, 2017

Sally Katz  
_Director of Physical Services_  
Town of Wethersfield  
100 marsh Street  
Wethersfield, CT 06109

Dear Sally,

Thank you for allowing us to assist with a roofing analysis for the Wethersfield Board of Education Building (Stillman) located at 127 Hartford Avenue. This report details our findings of the overall roofing system and details the general conditions of the roofing flashings, roofing field, penetrations, and supplied recommendations to perform corrective action in maintaining a good long term roofing system.

**Overview:**
There are two roofing levels consisting of Modified Bitumen and Slate. The roofing areas combined for a total of approximate 7,600 square feet. At this time the slate roofing area is in failing condition and the modified bitumen is in fair condition. Severe leaks currently are reported on at the western face of the slate system with periodic failures for the past five years on all 4 sides of the slate system which have since been moderately repaired. Additional failure reports have been developed by H.B. Fishman Co. Inc. in 2013.

The slate roofing system at this point is recommended to perform complete replacement. All slate materials are showing significant signs of aging. There are numerous cracked slate, hips are splitting, numerous exposed roof fasteners, evidence of numerous slate repairs, missing slate, and majority of the slate has extreme scaling. (Scaling is produced by water penetration within the slate and the freeze & thaw cycles will spall the facers and inner laminates, this also is evident by the brittle state of the product which continues to fail). Pictures of the roofing systems are to follow below.

Thank you again for the opportunity to serve you and Town of Wethersfield.

Respectfully Submitted,

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