ROOFSENTRY
Roofing Re-InVENTed



Case Study #1
Baltimore, MD - Warehouse

Project Details:

Roof Types 130,000 sq. ft. Mechanically Attached TPO roof membrane

Insulation: ½" wood fiberboard

Wet Areas: 31,697 sq. ft.

Faults: Poor workmanship causing leaks around skylights and holes in the membrane

Replacement Cost: $ 1,235,000.00 = $ 9.50 / sq. ft. (2 layer Tear-Off w/ TPO installation)

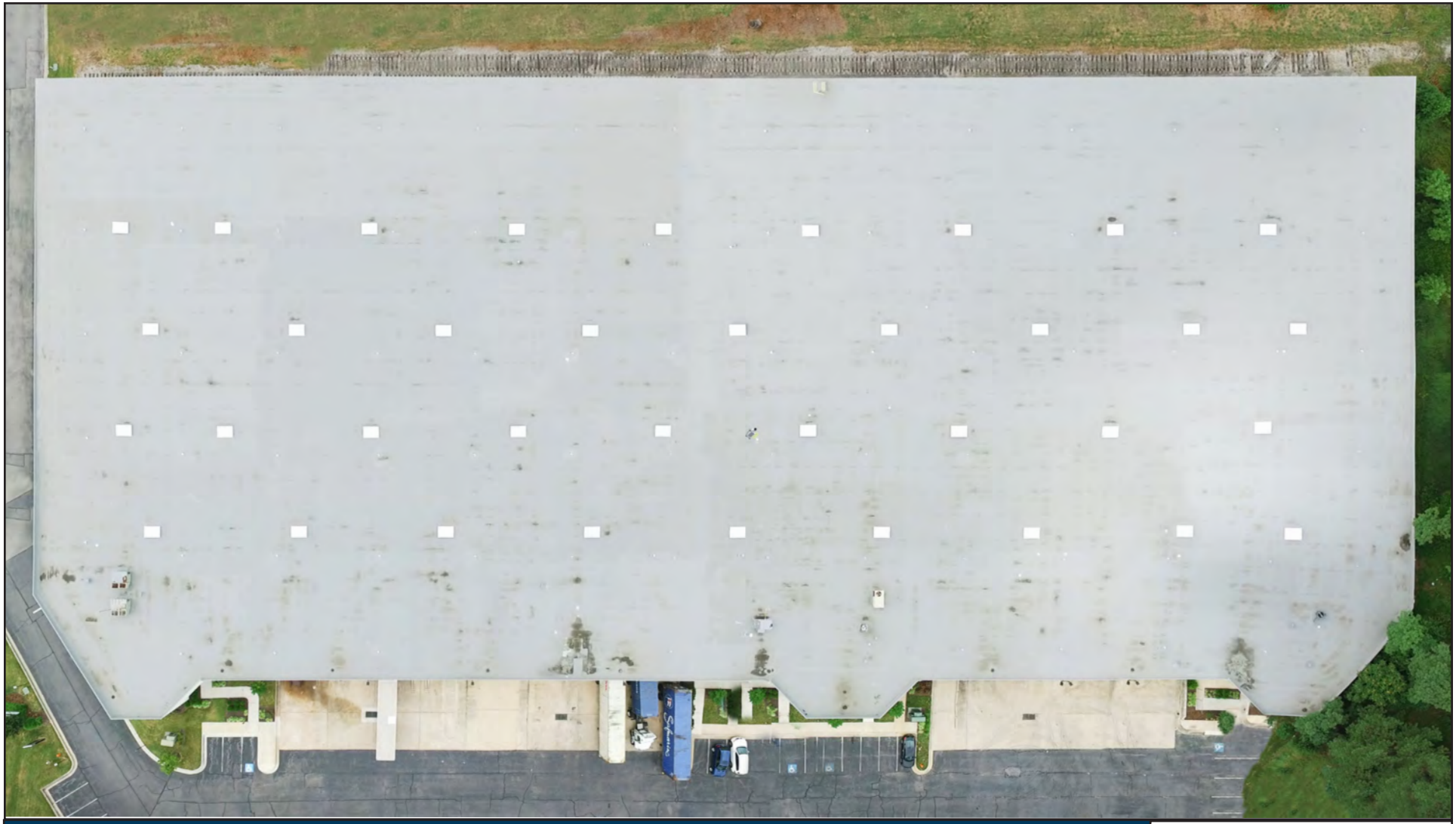
Silicone Roof Coating Cost: $ 455,000.00 = $ 3.50 / sq. ft. including "Roof Sentry

System" Realized Savings: $785,000.00 = $ 6.00 per sq. ft. 63% Savings. *market price

This TPO roof system had been leaking steadily for over 7 years. There were 31 areas of elevated moisture throughout the roof system. The wet / damp regions of the recovery board insulation totaled 31,697 Sq. Ft. or nearly 24% of the entire roof area. The installation contractor had previously stopped responding to leak calls or making repairs. The building owner needed a cost effective solution to his problem.

To quickly stop the moisture entry into the roof system, the TPO roof system was coated with a GE High Solids Silicone Liquid Membrane System in conjunction with the installation of a "Roof Sentry" Moisture Removal System. Initial test core samples were taken from each Roof Sentry unit location at the time of installation on 12/12/16 and then again less than 7 months later on 07/03/17. Gravimetric testing of the "before & after" core samples was performed and the results were amazing.

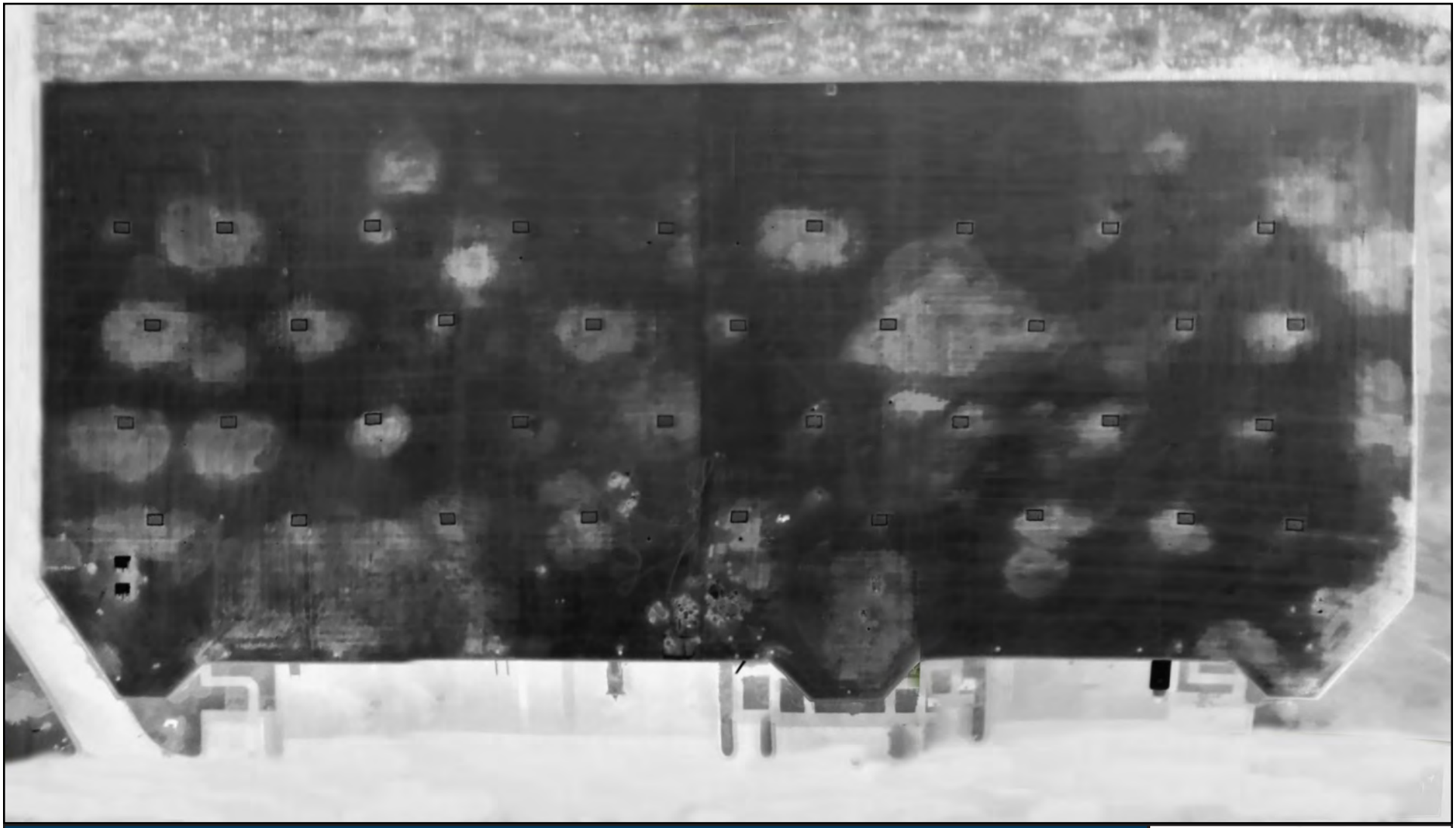
We are proud to announce that the "Roof Sentry" Moisture Removal System was successful in reducing the overall size of the wet areas of insulation by 58% and the physical moisture content of the wettest core samples by 88% to 92% in less than 7 months!



Case Study #1 - 130,000 sq. ft. Mechanically Attached TPO roof membrane w/ ½" recovery board. It would of been a two layer tear-off + a new roof. ($1,235,000 @ $9.50 Sq. Ft.) With a Roof Sentry system and a silicone roof the contractor estimated savings of $785,000

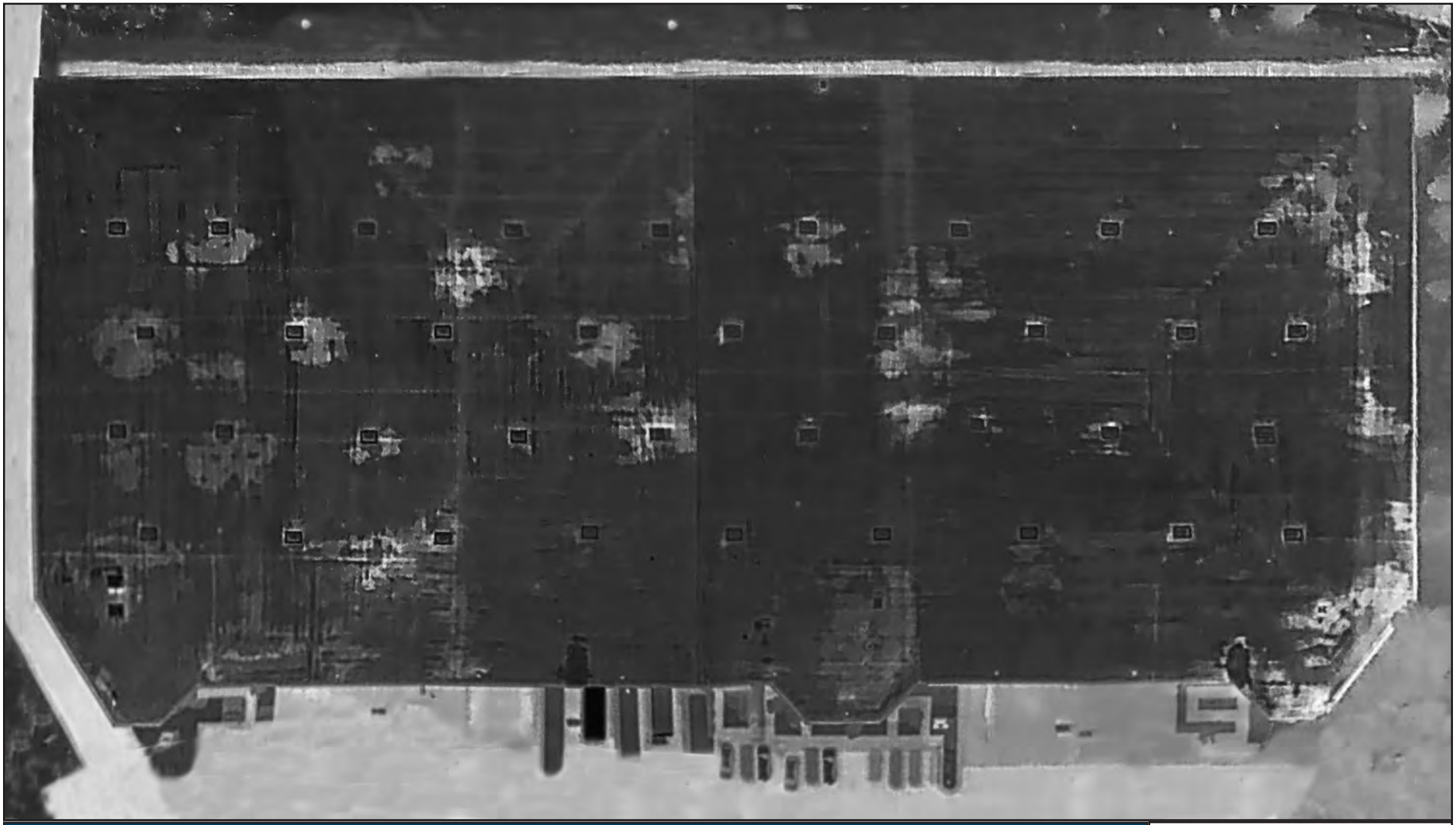
ROOF SENTRY

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12/12/2016 Day Of Vent Installation

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07/03/2017 Return Inspection

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