



May 24, 2017

C-12204

Mr. Mike Duggan  
Facilities Director  
Community Consolidated School District 181  
115 West 55<sup>th</sup> Street  
Clarendon Hills, Illinois 60514

Dear Mike:

Roofing Material Inspection and Observation Summary  
Additional Roof Repair/Overlay Work  
Hinsdale Middle School  
100 South Garfield Avenue  
Hinsdale, Illinois  
IES No. 915-17

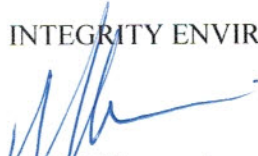
On May 17, 2017, a representative of Integrity Environmental Services, Inc. (IES) was present at the above referenced school building to conduct environmental inspection services during emergency roof repair work. This roof repair work was prompted by a water intrusion event in the third floor gymnasium during heavy rains that occurred on May 10, 2017.

L. Marshall Roofing, Inc. (Marshall), was again retained by the School District to perform the roofing material repair work. The repair work was performed in the southwest area of the flat built-up membrane roof above the school's gymnasium. This repair work included heat welding overlays with granulated bitumen caps (sheets). Cutting and removing layers of the roofing insulation and other membranes under the overlayment was not needed. It was determined during the roof inspection that the leak was originating from an area of old roof patching work directly east, as well as north, of the roof curb. This old patching work was found to be inadequate and failing. During the additional inspection and roof membrane probing by Marshall staff, loose edges and exposed underlayment was discovered, which prompted additional overlay installation. In addition to the overlay sheets, the repair work included sealing all ends tying into new areas with liquid flashing. Also, the repair work included sealing at perimeters and at curbs with three (3) course liquid flashing. All galvanized curb caps were also caulked and sealed.

Attached, please find a copy of a plan drawing depicting the approximate area of the new overlay installation. Also attached are a series of project photographs illustrating the work performed.

As always, if there are any questions or comments, please feel free to contact the undersigned at (630) 718-9133.

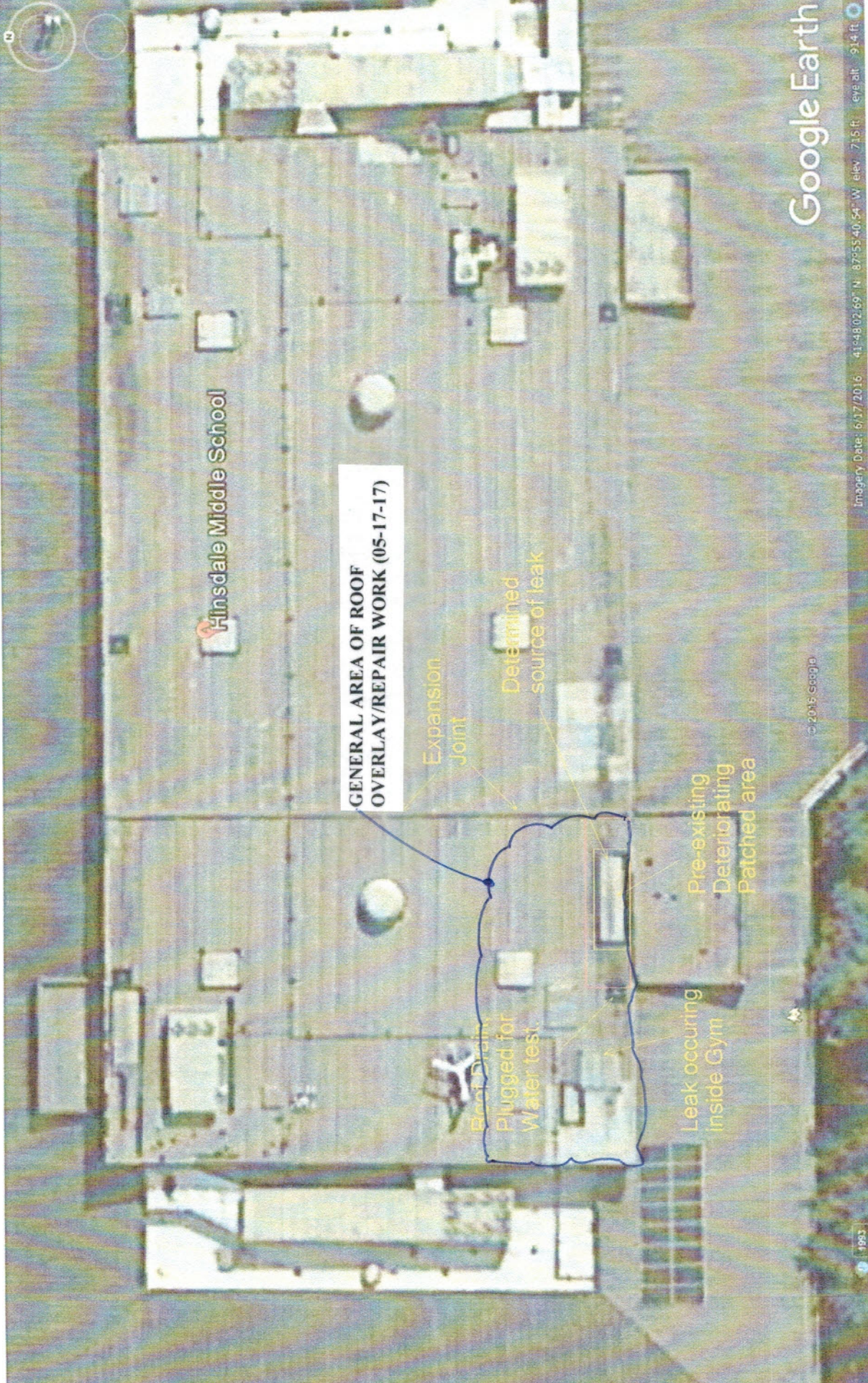
INTEGRITY ENVIRONMENTAL SERVICES, INC.



Mark J. Ravanese  
President

Attachments

cc: Ms. Debbie Prasch (electronic version only)  
Mr. Dave Patton (electronic version only)



Hinsdale Middle School

GENERAL AREA OF ROOF OVERLAY/REPAIR WORK (05-17-17)

Expansion Joint

Determined source of leak

Elect Drain  
Plugged for Water test

Leak occurring inside Gym

Pre-existing Deteriorating Patched area

