


**City of Lowell**  
**Department of Public Works**  
**Lands and Building Division**

**Memorandum**

To: T.J. McCarthy  
From: David Blazon   
Re: Moody School  
Date: 2/12/08

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The roof is approximately 70 years old. It is an existing slate roof and is in need to be replaced. Along with roof, the soffits and fascia are rotting and the gutter system has fallen off more than half the building. We have made numerous repairs with our own resources, but our 60 foot boom lift can not traverse on the sloped grade of the building. In the past we have used the Fire Departments Ladder truck for quick emergency repairs.

There is a valley in one of the roof sections that needs to be addressed and has caused internal leakage. We are not able to access this area with our equipment. I have solicited prices for a 100 foot boom lift to be placed on High Street so we can reach it. Pending good weather we will plan as soon as possible.

Along with the other buildings in the city this school is not the worst but definitely one of the top 5 schools that needs major upgrades. A budget of approximately \$600,000 is needed to restore this roof, fascia, soffit and gutters.

Other projects are also being looked at, such as panting and scraping upper sections of the building.

I have a attached the roof survey done within the last two years.

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## Inspection Report

Inspection Details			
Client Name:	City of Lowell	Facility Name:	Moody Street School
Roof Section:	Slate and Flat Roof	Inspected By:	Lennie Lombardo
Inspection Date:	11/13/2006	Square Feet:	
Inspection Type:	Visual Inspection	Age of Roof:	70
Core Data Available:	No	Deck:	Good
Leakage:	N/A	Insulation:	n/a

Ratings / Notes	
Perimeter Rating:	<b>Poor</b>
Notes:	There is significant rot on fascia and soffit boards. Roof is extremely old and complex. Entire building drains to a drip edge along the perin The eave of the slate roofs are concave which makes things more difficult to replace.

Field Ratings	
Field Rating:	<b>Poor</b>
Notes:	The majority of the building is a slate roof. There is a small flat section at the top of the building. The flat roof is a smooth built-up roof th slate roofs. The roof is old, brittle and cracking. There is an old wood roof hatch that should be replaced with a Bilco Roof Hatch. The s with asphalt to help the waterproofing properties. This was a common repair with old slate. Slate is probably 100 years old. There are s of the building which are rusted, and in fair condition.

Drains & Gutters Ratings	
Drains & Gutters Rating:	<b>Good</b>
Notes:	Flat roof drains well, pitched roofs drain very well.

Overall Evaluation	
Overall Roof Evaluation:	Overall roof is extremely old and should be scheduled for replacement. You could install a metal roof which would be about half as mucf Either way the roofs will be expensive due to the hieght, slope, details, valleys, hips, dormers, etc.
Overall Roof Condition:	<b>Poor</b>
Recommendation:	<b>Replace</b>

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## Facility Photo Confirmation

Client Name: [REDACTED] City of Lowell  
Roof Section: [REDACTED] Slate and Flat Roof

Facility Name: [REDACTED] Moody Street School  
Photo Page #: [REDACTED]

### Photo Box

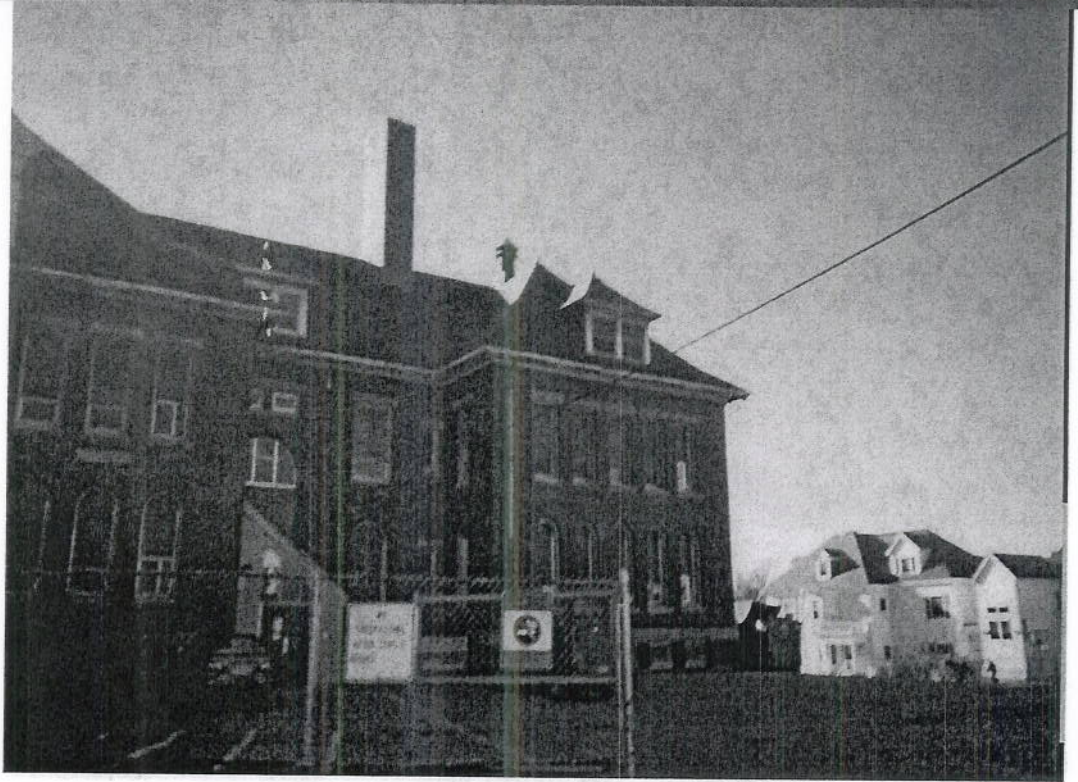


### Photo Notes

Multiple dormers and detail work make this a difficult roof to do.

### Photo Box

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## Photo Notes

Side view.