

Project Profile - Construction Quality Control

Following is an actual situation taken from daily reports completed by our field consultants demonstrating the value of full-time construction quality control.

Roof Replacement Project: Clark County School District
Benchmark On-site Roof Consultant: Martin Smith
Roof System Type: Mechanically attached, 60-mil single-ply PVC (Johns Manville)
Roof Project Size: 52,312 square feet
Project Duration: January - June, 2008

Quality Control Response: To facilitate drainage, the architect's roof design for this school included a roof deck sloped to a valley line with drains. However, no provisions were incorporated into the design to allow the water to flow along the valley line to the drains. Benchmark's field consultant, Martin Smith, recognized this limitation and brought the situation to the attention of the District. Martin developed a proper tapered insulation system to correct this drainage problem, and supervised its installation. This response avoided any scheduling delays, assured proper roof drainage, and eliminated any potential warranty exclusions due to insufficient drainage.

critical components of a daily report



Rofer checking tapered board for insulation slope.



Overview of roof membrane installed.

Designated project area highlighted in green.

